

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test result for one carrier per antenna

For SISO:

Frequency	Modulation	RB Allocation		Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ Single carrier _ 5MHz Bandwidth										
LCH	QPSK	25	0	19.84	19.84	/	4.00	23.84	30.0	PASS
	16QAM	25	0	19.87	19.87	/	4.00	23.87	30.0	PASS
	64QAM	25	0	19.81	19.81	/	4.00	23.81	30.0	PASS
	256QAM	25	0	19.86	19.86	/	4.00	23.86	30.0	PASS
MCH	QPSK	25	0	20.40	20.40	/	4.00	24.40	30.0	PASS
	16QAM	25	0	20.49	20.49	/	4.00	24.49	30.0	PASS
	64QAM	25	0	20.54	20.54	/	4.00	24.54	30.0	PASS
	256QAM	25	0	20.53	20.53	/	4.00	24.53	30.0	PASS
HCH	QPSK	25	0	20.04	20.04	/	4.00	24.04	30.0	PASS
	16QAM	25	0	20.14	20.14	/	4.00	24.14	30.0	PASS
	64QAM	25	0	20.15	20.15	/	4.00	24.15	30.0	PASS
	256QAM	25	0	20.17	20.17	/	4.00	24.17	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 10MHz Bandwidth										
LCH	QPSK	50	0	19.92	19.92	/	4.00	23.92	30.0	PASS
	16QAM	50	0	20.00	20.00	/	4.00	24.00	30.0	PASS
	64QAM	50	0	19.89	19.89	/	4.00	23.89	30.0	PASS
	256QAM	50	0	19.93	19.93	/	4.00	23.93	30.0	PASS
MCH	QPSK	50	0	20.09	20.09	/	4.00	24.09	30.0	PASS
	16QAM	50	0	20.30	20.30	/	4.00	24.30	30.0	PASS
	64QAM	50	0	20.36	20.36	/	4.00	24.36	30.0	PASS
	256QAM	50	0	20.32	20.32	/	4.00	24.32	30.0	PASS
HCH	QPSK	50	0	19.81	19.81	/	4.00	23.81	30.0	PASS
	16QAM	50	0	19.80	19.80	/	4.00	23.80	30.0	PASS
	64QAM	50	0	19.76	19.76	/	4.00	23.76	30.0	PASS
	256QAM	50	0	19.79	19.79	/	4.00	23.79	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 15MHz Bandwidth										
LCH	QPSK	75	0	19.95	18.54	/	4.00	22.54	30.0	PASS
	16QAM	75	0	20.02	18.72	/	4.00	22.72	30.0	PASS
	64QAM	75	0	19.92	18.52	/	4.00	22.52	30.0	PASS
	256QAM	75	0	19.91	18.51	/	4.00	22.51	30.0	PASS
MCH	QPSK	75	0	20.42	19.11	/	4.00	23.11	30.0	PASS
	16QAM	75	0	20.49	19.25	/	4.00	23.25	30.0	PASS
	64QAM	75	0	20.38	19.08	/	4.00	23.08	30.0	PASS
	256QAM	75	0	20.44	19.06	/	4.00	23.06	30.0	PASS
HCH	QPSK	75	0	19.76	18.19	/	4.00	22.19	30.0	PASS
	16QAM	75	0	19.71	18.24	/	4.00	22.24	30.0	PASS
	64QAM	75	0	19.59	18.04	/	4.00	22.04	30.0	PASS
	256QAM	75	0	19.58	18.06	/	4.00	22.06	30.0	PASS

EIRP Test data_Test Band: 48 _ Single carrier _ 20MHz Bandwidth										
LCH	QPSK	100	0	20.03	17.43	/	4.00	21.43	30.0	PASS
	16QAM	100	0	20.02	17.38	/	4.00	21.38	30.0	PASS
	64QAM	100	0	20.06	17.45	/	4.00	21.45	30.0	PASS
	256QAM	100	0	19.97	17.37	/	4.00	21.37	30.0	PASS
MCH	QPSK	100	0	20.44	17.76	/	4.00	21.76	30.0	PASS
	16QAM	100	0	20.47	17.73	/	4.00	21.73	30.0	PASS
	64QAM	100	0	20.54	17.86	/	4.00	21.86	30.0	PASS
	256QAM	100	0	20.53	17.87	/	4.00	21.87	30.0	PASS
HCH	QPSK	100	0	19.60	16.82	/	4.00	20.82	30.0	PASS
	16QAM	100	0	19.62	16.71	/	4.00	20.71	30.0	PASS
	64QAM	100	0	19.65	16.79	/	4.00	20.79	30.0	PASS
	256QAM	100	0	19.64	16.77	/	4.00	20.77	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB										

Frequency	Modulation	RB Allocation		PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data_Test Band: 48 _ Single carrier _ 5MHz Bandwidth									
LCH	QPSK	25	0	12.85	/	4.00	16.85	20.0	PASS
	16QAM	25	0	12.88	/	4.00	16.88	20.0	PASS
	64QAM	25	0	12.82	/	4.00	16.82	20.0	PASS
	256QAM	25	0	12.87	/	4.00	16.87	20.0	PASS
MCH	QPSK	25	0	13.49	/	4.00	17.49	20.0	PASS
	16QAM	25	0	13.50	/	4.00	17.50	20.0	PASS
	64QAM	25	0	13.55	/	4.00	17.55	20.0	PASS
	256QAM	25	0	13.54	/	4.00	17.54	20.0	PASS
HCH	QPSK	25	0	13.05	/	4.00	17.05	20.0	PASS
	16QAM	25	0	13.15	/	4.00	17.15	20.0	PASS
	64QAM	25	0	13.16	/	4.00	17.16	20.0	PASS
	256QAM	25	0	13.18	/	4.00	17.18	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 10MHz Bandwidth									
LCH	QPSK	50	0	9.92	/	4.00	13.92	20.0	PASS
	16QAM	50	0	10.00	/	4.00	14.00	20.0	PASS
	64QAM	50	0	9.90	/	4.00	13.90	20.0	PASS
	256QAM	50	0	9.93	/	4.00	13.93	20.0	PASS
MCH	QPSK	50	0	10.29	/	4.00	14.29	20.0	PASS
	16QAM	50	0	10.30	/	4.00	14.30	20.0	PASS
	64QAM	50	0	10.36	/	4.00	14.36	20.0	PASS
	256QAM	50	0	10.32	/	4.00	14.32	20.0	PASS
HCH	QPSK	50	0	9.81	/	4.00	13.81	20.0	PASS
	16QAM	50	0	9.80	/	4.00	13.80	20.0	PASS
	64QAM	50	0	9.77	/	4.00	13.77	20.0	PASS
	256QAM	50	0	9.80	/	4.00	13.80	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 15MHz Bandwidth									
LCH	QPSK	75	0	8.19	/	4.00	12.19	20.0	PASS
	16QAM	75	0	8.26	/	4.00	12.26	20.0	PASS
	64QAM	75	0	8.16	/	4.00	12.16	20.0	PASS
	256QAM	75	0	8.15	/	4.00	12.15	20.0	PASS
MCH	QPSK	75	0	8.66	/	4.00	12.66	20.0	PASS
	16QAM	75	0	8.73	/	4.00	12.73	20.0	PASS
	64QAM	75	0	8.62	/	4.00	12.62	20.0	PASS
	256QAM	75	0	8.68	/	4.00	12.68	20.0	PASS

HCH	QPSK	75	0	7.99	/	4.00	11.99	20.0	PASS
	16QAM	75	0	7.95	/	4.00	11.95	20.0	PASS
	64QAM	75	0	7.83	/	4.00	11.83	20.0	PASS
	256QAM	75	0	7.82	/	4.00	11.82	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 20MHz Bandwidth									
LCH	QPSK	100	0	7.02	/	4.00	11.02	20.0	PASS
	16QAM	100	0	7.01	/	4.00	11.01	20.0	PASS
	64QAM	100	0	7.05	/	4.00	11.05	20.0	PASS
	256QAM	100	0	6.96	/	4.00	10.96	20.0	PASS
MCH	QPSK	100	0	7.43	/	4.00	11.43	20.0	PASS
	16QAM	100	0	7.46	/	4.00	11.46	20.0	PASS
	64QAM	100	0	7.54	/	4.00	11.54	20.0	PASS
	256QAM	100	0	7.52	/	4.00	11.52	20.0	PASS
HCH	QPSK	100	0	6.59	/	4.00	10.59	20.0	PASS
	16QAM	100	0	6.61	/	4.00	10.61	20.0	PASS
	64QAM	100	0	6.64	/	4.00	10.64	20.0	PASS
	256QAM	100	0	6.63	/	4.00	10.63	20.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB

For 2x2MIMO :

For 5MHz, need to back off 0.5dB (19.5dBm per carrier) to meet the Category A CBSD Max EIRP 30dBm/10MHz and Max PSD 20dBm/MHz requirement.

Frequency	Modulation	RB Allocation		2x2MIMO Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ Single carrier _ 5MHz Bandwidth										
LCH	QPSK	25	0	22.27	22.27	/	4.00	26.27	30.0	PASS
	16QAM	25	0	22.31	22.31	/	4.00	26.31	30.0	PASS
	64QAM	25	0	22.36	22.36	/	4.00	26.36	30.0	PASS
	256QAM	25	0	22.33	22.33	/	4.00	26.33	30.0	PASS
MCH	QPSK	25	0	22.93	22.93	/	4.00	26.93	30.0	PASS
	16QAM	25	0	22.95	22.95	/	4.00	26.95	30.0	PASS
	64QAM	25	0	23.01	23.01	/	4.00	27.01	30.0	PASS
	256QAM	25	0	23.08	23.08	/	4.00	27.08	30.0	PASS
HCH	QPSK	25	0	22.49	22.49	/	4.00	26.49	30.0	PASS
	16QAM	25	0	22.58	22.58	/	4.00	26.58	30.0	PASS
	64QAM	25	0	22.59	22.59	/	4.00	26.59	30.0	PASS
	256QAM	25	0	22.58	22.58	/	4.00	26.58	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 10MHz Bandwidth										
LCH	QPSK	50	0	22.92	22.92	/	4.00	26.92	30.0	PASS
	16QAM	50	0	23.00	23.00	/	4.00	27.00	30.0	PASS
	64QAM	50	0	22.89	22.89	/	4.00	26.89	30.0	PASS
	256QAM	50	0	22.93	22.93	/	4.00	26.93	30.0	PASS
MCH	QPSK	50	0	23.09	23.09	/	4.00	27.09	30.0	PASS
	16QAM	50	0	23.30	23.30	/	4.00	27.30	30.0	PASS
	64QAM	50	0	23.36	23.36	/	4.00	27.36	30.0	PASS
	256QAM	50	0	23.32	23.32	/	4.00	27.32	30.0	PASS

HCH	QPSK	50	0	22.81	22.81	/	4.00	26.81	30.0	PASS
	16QAM	50	0	22.80	22.80	/	4.00	26.8	30.0	PASS
	64QAM	50	0	22.76	22.76	/	4.00	26.76	30.0	PASS
	256QAM	50	0	22.79	22.79	/	4.00	26.79	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 15MHz Bandwidth										
LCH	QPSK	75	0	22.95	21.54	/	4.00	25.54	30.0	PASS
	16QAM	75	0	23.02	21.72	/	4.00	25.72	30.0	PASS
	64QAM	75	0	22.92	21.52	/	4.00	25.52	30.0	PASS
	256QAM	75	0	22.91	21.51	/	4.00	25.51	30.0	PASS
MCH	QPSK	75	0	23.42	22.11	/	4.00	26.11	30.0	PASS
	16QAM	75	0	23.49	22.25	/	4.00	26.25	30.0	PASS
	64QAM	75	0	23.38	22.08	/	4.00	26.08	30.0	PASS
	256QAM	75	0	23.44	22.06	/	4.00	26.06	30.0	PASS
HCH	QPSK	75	0	22.76	21.19	/	4.00	25.19	30.0	PASS
	16QAM	75	0	22.71	21.24	/	4.00	25.24	30.0	PASS
	64QAM	75	0	22.59	21.04	/	4.00	25.04	30.0	PASS
	256QAM	75	0	22.58	21.06	/	4.00	25.06	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 20MHz Bandwidth										
LCH	QPSK	100	0	23.03	20.43	/	4.00	24.43	30.0	PASS
	16QAM	100	0	23.02	20.38	/	4.00	24.38	30.0	PASS
	64QAM	100	0	23.06	20.45	/	4.00	24.45	30.0	PASS
	256QAM	100	0	22.97	20.37	/	4.00	24.37	30.0	PASS
MCH	QPSK	100	0	23.44	20.76	/	4.00	24.76	30.0	PASS
	16QAM	100	0	23.47	20.73	/	4.00	24.73	30.0	PASS
	64QAM	100	0	23.54	20.86	/	4.00	24.86	30.0	PASS
	256QAM	100	0	23.53	20.87	/	4.00	24.87	30.0	PASS
HCH	QPSK	100	0	22.60	19.82	/	4.00	23.82	30.0	PASS
	16QAM	100	0	22.62	19.71	/	4.00	23.71	30.0	PASS
	64QAM	100	0	22.65	19.79	/	4.00	23.79	30.0	PASS
	256QAM	100	0	22.64	19.77	/	4.00	23.77	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)										

Frequency	Modulation	RB Allocation		2x2MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data_Test Band: 48 _ Single carrier _ 5MHz Bandwidth									
LCH	QPSK	25	0	15.23	/	4.00	19.23	20.0	PASS
	16QAM	25	0	15.26	/	4.00	19.26	20.0	PASS
	64QAM	25	0	15.20	/	4.00	19.20	20.0	PASS
	256QAM	25	0	15.25	/	4.00	19.25	20.0	PASS
MCH	QPSK	25	0	15.77	/	4.00	19.77	20.0	PASS
	16QAM	25	0	15.86	/	4.00	19.86	20.0	PASS
	64QAM	25	0	15.83	/	4.00	19.83	20.0	PASS
	256QAM	25	0	15.82	/	4.00	19.82	20.0	PASS
HCH	QPSK	25	0	15.43	/	4.00	19.43	20.0	PASS
	16QAM	25	0	15.52	/	4.00	19.52	20.0	PASS
	64QAM	25	0	15.54	/	4.00	19.54	20.0	PASS
	256QAM	25	0	15.55	/	4.00	19.55	20.0	PASS

PSD Test data_Test Band: 48 _ Single carrier _ 10MHz Bandwidth									
LCH	QPSK	50	0	12.92	/	4.00	16.92	20.0	PASS
	16QAM	50	0	12.99	/	4.00	16.99	20.0	PASS
	64QAM	50	0	12.90	/	4.00	16.90	20.0	PASS
	256QAM	50	0	12.93	/	4.00	16.93	20.0	PASS
MCH	QPSK	50	0	13.42	/	4.00	17.42	20.0	PASS
	16QAM	50	0	13.45	/	4.00	17.45	20.0	PASS
	64QAM	50	0	13.36	/	4.00	17.30	20.0	PASS
	256QAM	50	0	13.32	/	4.00	17.32	20.0	PASS
HCH	QPSK	50	0	12.81	/	4.00	16.81	20.0	PASS
	16QAM	50	0	12.80	/	4.00	16.80	20.0	PASS
	64QAM	50	0	12.76	/	4.00	16.76	20.0	PASS
	256QAM	50	0	12.79	/	4.00	16.79	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 15MHz Bandwidth									
LCH	QPSK	75	0	11.19	/	4.00	15.19	20.0	PASS
	16QAM	75	0	11.26	/	4.00	15.26	20.0	PASS
	64QAM	75	0	11.16	/	4.00	15.16	20.0	PASS
	256QAM	75	0	11.15	/	4.00	15.15	20.0	PASS
MCH	QPSK	75	0	11.64	/	4.00	15.64	20.0	PASS
	16QAM	75	0	11.74	/	4.00	15.74	20.0	PASS
	64QAM	75	0	11.62	/	4.00	15.62	20.0	PASS
	256QAM	75	0	11.68	/	4.00	15.68	20.0	PASS
HCH	QPSK	75	0	10.99	/	4.00	14.99	20.0	PASS
	16QAM	75	0	10.95	/	4.00	14.95	20.0	PASS
	64QAM	75	0	10.83	/	4.00	14.83	20.0	PASS
	256QAM	75	0	10.82	/	4.00	14.82	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 20MHz Bandwidth									
LCH	QPSK	100	0	10.02	/	4.00	14.02	20.0	PASS
	16QAM	100	0	10.01	/	4.00	14.01	20.0	PASS
	64QAM	100	0	10.05	/	4.00	14.05	20.0	PASS
	256QAM	100	0	9.96	/	4.00	13.96	20.0	PASS
MCH	QPSK	100	0	10.58	/	4.00	14.58	20.0	PASS
	16QAM	100	0	10.56	/	4.00	14.56	20.0	PASS
	64QAM	100	0	10.65	/	4.00	14.65	20.0	PASS
	256QAM	100	0	10.57	/	4.00	14.57	20.0	PASS
HCH	QPSK	100	0	9.59	/	4.00	13.59	20.0	PASS
	16QAM	100	0	9.61	/	4.00	13.61	20.0	PASS
	64QAM	100	0	9.64	/	4.00	13.64	20.0	PASS
	256QAM	100	0	9.63	/	4.00	13.63	20.0	PASS
Note:									
1) EIRP PSD= Conducted PSD + Antenna gain (dBi)									
2) Full RB test mode has the max power so only show power of full RB									
3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)									

For 4x4MIMO :

For 5MHz, need to back off 3.5dB (16.5dBm per carrier) to meet the Category A CBSD Max EIRP 30dBm/10MHz and Max PSD 20dBm/MHz requirement.

For 10MHz, need to back off 0.5dB (19.5dBm per carrier) to meet the Category A CBSD Max EIRP 30dBm/10MHz and Max PSD 20dBm/MHz requirement.

Frequency	Modulation	RB Allocation		4x4MIMO Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			

EIRP Test data_Test Band: 48 _ Single carrier _ 5MHz Bandwidth										
LCH	QPSK	25	0	22.18	22.18	/	4.00	26.18	30.0	PASS
	16QAM	25	0	22.21	22.21	/	4.00	26.21	30.0	PASS
	64QAM	25	0	22.09	22.09	/	4.00	26.09	30.0	PASS
	256QAM	25	0	22.15	22.15	/	4.00	26.15	30.0	PASS
MCH	QPSK	25	0	22.61	22.61	/	4.00	26.61	30.0	PASS
	16QAM	25	0	22.72	22.72	/	4.00	26.72	30.0	PASS
	64QAM	25	0	22.76	22.76	/	4.00	26.76	30.0	PASS
	256QAM	25	0	22.85	22.85	/	4.00	26.85	30.0	PASS
HCH	QPSK	25	0	22.40	22.40	/	4.00	26.40	30.0	PASS
	16QAM	25	0	22.44	22.44	/	4.00	26.44	30.0	PASS
	64QAM	25	0	22.42	22.42	/	4.00	26.42	30.0	PASS
	256QAM	25	0	22.44	22.44	/	4.00	26.44	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 10MHz Bandwidth										
LCH	QPSK	50	0	25.26	25.26	/	4.00	29.26	30.0	PASS
	16QAM	50	0	25.28	25.28	/	4.00	29.28	30.0	PASS
	64QAM	50	0	25.18	25.18	/	4.00	29.18	30.0	PASS
	256QAM	50	0	25.14	25.14	/	4.00	29.14	30.0	PASS
MCH	QPSK	50	0	25.32	25.32	/	4.00	29.32	30.0	PASS
	16QAM	50	0	25.52	25.52	/	4.00	29.52	30.0	PASS
	64QAM	50	0	25.68	25.68	/	4.00	29.68	30.0	PASS
	256QAM	50	0	25.68	25.68	/	4.00	29.68	30.0	PASS
HCH	QPSK	50	0	25.11	25.11	/	4.00	29.11	30.0	PASS
	16QAM	50	0	25.07	25.07	/	4.00	29.07	30.0	PASS
	64QAM	50	0	25.03	25.03	/	4.00	29.03	30.0	PASS
	256QAM	50	0	25.10	25.10	/	4.00	29.10	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 15MHz Bandwidth										
LCH	QPSK	75	0	25.95	24.54	/	4.00	28.54	30.0	PASS
	16QAM	75	0	26.02	24.72	/	4.00	28.72	30.0	PASS
	64QAM	75	0	25.92	24.52	/	4.00	28.52	30.0	PASS
	256QAM	75	0	25.91	24.51	/	4.00	28.51	30.0	PASS
MCH	QPSK	75	0	26.42	25.11	/	4.00	29.11	30.0	PASS
	16QAM	75	0	26.49	25.25	/	4.00	29.25	30.0	PASS
	64QAM	75	0	26.38	25.08	/	4.00	29.08	30.0	PASS
	256QAM	75	0	26.44	25.06	/	4.00	29.06	30.0	PASS
HCH	QPSK	75	0	25.76	24.19	/	4.00	28.19	30.0	PASS
	16QAM	75	0	25.71	24.24	/	4.00	28.24	30.0	PASS
	64QAM	75	0	25.59	24.04	/	4.00	28.04	30.0	PASS
	256QAM	75	0	25.58	24.06	/	4.00	28.06	30.0	PASS
EIRP Test data_Test Band: 48 _ Single carrier _ 20MHz Bandwidth										
LCH	QPSK	100	0	26.03	23.43	/	4.00	27.43	30.0	PASS
	16QAM	100	0	26.02	23.38	/	4.00	27.38	30.0	PASS
	64QAM	100	0	26.06	23.45	/	4.00	27.45	30.0	PASS
	256QAM	100	0	25.97	23.37	/	4.00	27.37	30.0	PASS
MCH	QPSK	100	0	26.44	23.76	/	4.00	27.76	30.0	PASS
	16QAM	100	0	26.47	23.73	/	4.00	27.73	30.0	PASS
	64QAM	100	0	26.54	23.86	/	4.00	27.86	30.0	PASS
	256QAM	100	0	26.53	23.87	/	4.00	27.87	30.0	PASS

HCH	QPSK	100	0	25.60	22.82	/	4.00	26.82	30.0	PASS
	16QAM	100	0	25.62	22.71	/	4.00	26.71	30.0	PASS
	64QAM	100	0	25.65	22.79	/	4.00	26.79	30.0	PASS
	256QAM	100	0	25.64	22.77	/	4.00	26.77	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	RB Allocation		4x4MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data_Test Band: 48 _ Single carrier _ 5MHz Bandwidth									
LCH	QPSK	25	0	15.17	/	4.00	19.17	20.0	PASS
	16QAM	25	0	15.24	/	4.00	19.24	20.0	PASS
	64QAM	25	0	15.12	/	4.00	19.12	20.0	PASS
	256QAM	25	0	15.14	/	4.00	19.14	20.0	PASS
MCH	QPSK	25	0	15.93	/	4.00	19.93	20.0	PASS
	16QAM	25	0	15.96	/	4.00	19.96	20.0	PASS
	64QAM	25	0	15.92	/	4.00	19.92	20.0	PASS
	256QAM	25	0	15.89	/	4.00	19.89	20.0	PASS
HCH	QPSK	25	0	15.29	/	4.00	19.29	20.0	PASS
	16QAM	25	0	15.47	/	4.00	19.47	20.0	PASS
	64QAM	25	0	15.38	/	4.00	19.38	20.0	PASS
	256QAM	25	0	15.52	/	4.00	19.52	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 10MHz Bandwidth									
LCH	QPSK	50	0	15.13	/	4.00	19.13	20.0	PASS
	16QAM	50	0	15.28	/	4.00	19.28	20.0	PASS
	64QAM	50	0	15.24	/	4.00	19.24	20.0	PASS
	256QAM	50	0	15.27	/	4.00	19.27	20.0	PASS
MCH	QPSK	50	0	15.72	/	4.00	19.72	20.0	PASS
	16QAM	50	0	15.79	/	4.00	19.79	20.0	PASS
	64QAM	50	0	15.77	/	4.00	19.77	20.0	PASS
	256QAM	50	0	15.85	/	4.00	19.85	20.0	PASS
HCH	QPSK	50	0	15.03	/	4.00	19.03	20.0	PASS
	16QAM	50	0	15.12	/	4.00	19.12	20.0	PASS
	64QAM	50	0	15.13	/	4.00	19.13	20.0	PASS
	256QAM	50	0	15.10	/	4.00	19.10	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 15MHz Bandwidth									
LCH	QPSK	75	0	14.19	/	4.00	18.19	20.0	PASS
	16QAM	75	0	14.26	/	4.00	18.26	20.0	PASS
	64QAM	75	0	14.16	/	4.00	18.16	20.0	PASS
	256QAM	75	0	14.15	/	4.00	18.15	20.0	PASS
MCH	QPSK	75	0	14.66	/	4.00	18.66	20.0	PASS
	16QAM	75	0	14.74	/	4.00	18.74	20.0	PASS
	64QAM	75	0	14.62	/	4.00	18.62	20.0	PASS
	256QAM	75	0	14.68	/	4.00	18.68	20.0	PASS
HCH	QPSK	75	0	13.99	/	4.00	17.99	20.0	PASS
	16QAM	75	0	13.95	/	4.00	17.95	20.0	PASS
	64QAM	75	0	13.83	/	4.00	17.83	20.0	PASS
	256QAM	75	0	13.82	/	4.00	17.82	20.0	PASS
PSD Test data_Test Band: 48 _ Single carrier _ 20MHz Bandwidth									
LCH	QPSK	100	0	13.02	/	4.00	17.02	20.0	PASS
	16QAM	100	0	13.01	/	4.00	17.01	20.0	PASS
	64QAM	100	0	13.05	/	4.00	17.05	20.0	PASS
	256QAM	100	0	12.96	/	4.00	16.96	20.0	PASS

MCH	QPSK	100	0	13.49	/	4.00	17.49	20.0	PASS
	16QAM	100	0	13.46	/	4.00	17.46	20.0	PASS
	64QAM	100	0	13.55	/	4.00	17.55	20.0	PASS
	256QAM	100	0	13.52	/	4.00	17.52	20.0	PASS
HCH	QPSK	100	0	12.59	/	4.00	16.59	20.0	PASS
	16QAM	100	0	12.61	/	4.00	16.61	20.0	PASS
	64QAM	100	0	12.64	/	4.00	16.64	20.0	PASS
	256QAM	100	0	12.63	/	4.00	16.63	20.0	PASS
Note: 1) EIRP PSD= Conducted PSD + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)									

1.2 Test result for two carriers per antenna

For SISO:

Frequency	Modulation	RB Allocation		Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 5MHz Bandwidth										
LCH	QPSK	25	0	19.71	19.71	/	4.00	23.71	30.0	PASS
	16QAM	25	0	19.78	19.78	/	4.00	23.78	30.0	PASS
	64QAM	25	0	19.79	19.79	/	4.00	23.79	30.0	PASS
	256QAM	25	0	19.80	19.80	/	4.00	23.80	30.0	PASS
MCH	QPSK	25	0	20.30	20.30	/	4.00	24.30	30.0	PASS
	16QAM	25	0	20.34	20.34	/	4.00	24.34	30.0	PASS
	64QAM	25	0	20.33	20.33	/	4.00	24.33	30.0	PASS
	256QAM	25	0	20.31	20.31	/	4.00	24.31	30.0	PASS
HCH	QPSK	25	0	19.71	19.71	/	4.00	23.71	30.0	PASS
	16QAM	25	0	19.85	19.85	/	4.00	23.85	30.0	PASS
	64QAM	25	0	19.74	19.74	/	4.00	23.74	30.0	PASS
	256QAM	25	0	19.78	19.78	/	4.00	23.78	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 10MHz Bandwidth										
LCH	QPSK	50	0	20.14	17.01	/	4.00	21.01	30.0	PASS
	16QAM	50	0	19.97	16.89	/	4.00	20.89	30.0	PASS
	64QAM	50	0	19.97	16.85	/	4.00	20.85	30.0	PASS
	256QAM	50	0	19.98	16.84	/	4.00	20.84	30.0	PASS
MCH	QPSK	50	0	20.47	17.45	/	4.00	21.45	30.0	PASS
	16QAM	50	0	20.45	17.41	/	4.00	21.41	30.0	PASS
	64QAM	50	0	20.48	17.48	/	4.00	21.48	30.0	PASS
	256QAM	50	0	20.48	17.51	/	4.00	21.51	30.0	PASS
HCH	QPSK	50	0	19.60	16.61	/	4.00	20.61	30.0	PASS
	16QAM	50	0	19.57	16.52	/	4.00	20.52	30.0	PASS
	64QAM	50	0	19.60	16.65	/	4.00	20.65	30.0	PASS
	256QAM	50	0	19.60	16.66	/	4.00	20.66	30.0	PASS

EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 15MHz Bandwidth										
LCH	QPSK	75	0	19.93	15.67	/	4.00	19.67	30.0	PASS
	16QAM	75	0	19.91	15.72	/	4.00	19.72	30.0	PASS
	64QAM	75	0	19.94	15.69	/	4.00	19.69	30.0	PASS
	256QAM	75	0	19.93	15.68	/	4.00	19.68	30.0	PASS
MCH	QPSK	75	0	20.38	16.26	/	4.00	20.26	30.0	PASS
	16QAM	75	0	20.40	16.39	/	4.00	20.39	30.0	PASS
	64QAM	75	0	20.51	16.35	/	4.00	20.35	30.0	PASS
	256QAM	75	0	20.50	16.28	/	4.00	20.28	30.0	PASS
HCH	QPSK	75	0	19.49	14.91	/	4.00	18.91	30.0	PASS
	16QAM	75	0	19.45	14.94	/	4.00	18.94	30.0	PASS
	64QAM	75	0	19.49	14.93	/	4.00	18.93	30.0	PASS
	256QAM	75	0	19.52	14.96	/	4.00	18.96	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 20MHz Bandwidth										
LCH	QPSK	100	0	19.99	14.78	/	4.00	18.78	30.0	PASS
	16QAM	100	0	20.08	14.74	/	4.00	18.74	30.0	PASS
	64QAM	100	0	20.10	14.78	/	4.00	18.78	30.0	PASS
	256QAM	100	0	20.09	14.79	/	4.00	18.79	30.0	PASS
MCH	QPSK	100	0	20.55	15.17	/	4.00	19.17	30.0	PASS
	16QAM	100	0	20.56	15.18	/	4.00	19.18	30.0	PASS
	64QAM	100	0	20.56	15.21	/	4.00	19.21	30.0	PASS
	256QAM	100	0	20.55	15.19	/	4.00	19.19	30.0	PASS
HCH	QPSK	100	0	19.66	14.32	/	4.00	18.32	30.0	PASS
	16QAM	100	0	19.67	14.21	/	4.00	18.21	30.0	PASS
	64QAM	100	0	19.69	14.21	/	4.00	18.21	30.0	PASS
	256QAM	100	0	19.67	14.28	/	4.00	18.28	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB										

Frequency	Modulation	Carrier	RB Allocation		Conducted Power		Antenna gain		EIRPdB m/10M Hz	Limit (dBm)	Verdict
			Size	Offset	Total Power	Channel Power					
					dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 2 Carriers Non-Contiguous _ 5MHz Bandwidth											
LCH	QPSK	Carrier 1	25	0	19.89	17.82	/	4.00	21.82	30.0	PASS
		Carrier 2	25	0		16.32	/	4.00	20.32	30.0	PASS
	16QAM	Carrier 1	25	0	19.83	17.49	/	4.00	21.49	30.0	PASS
		Carrier 2	25	0		16.45	/	4.00	20.45	30.0	PASS
	64QAM	Carrier 1	25	0	19.86	17.48	/	4.00	21.48	30.0	PASS
		Carrier 2	25	0		16.36	/	4.00	20.36	30.0	PASS
	256QAM	Carrier 1	25	0	19.81	17.45	/	4.00	21.45	30.0	PASS
		Carrier 2	25	0		16.37	/	4.00	20.37	30.0	PASS
HCH	QPSK	Carrier 1	25	0	20.38	18.40	/	4.00	22.40	30.0	PASS
		Carrier 2	25	0		16.23	/	4.00	20.23	30.0	PASS
	16QAM	Carrier 1	25	0	20.43	18.44	/	4.00	22.44	30.0	PASS
		Carrier 2	25	0		16.22	/	4.00	20.22	30.0	PASS
	64QAM	Carrier 1	25	0	20.47	18.45	/	4.00	22.45	30.0	PASS
		Carrier 2	25	0		16.31	/	4.00	20.31	30.0	PASS
	256QAM	Carrier 1	25	0	20.44	18.40	/	4.00	22.4	30.0	PASS

		Carrier 2	25	0		16.24	/	4.00	20.24	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Non-Contiguous _ 10MHz Bandwidth											
LCH	QPSK	Carrier 1	50	0	20.11	18.23	/	4.00	22.23	30.0	PASS
		Carrier 2	50	0		16.49	/	4.00	20.49	30.0	PASS
	16QAM	Carrier 1	50	0	20.27	18.20	/	4.00	22.20	30.0	PASS
		Carrier 2	50	0		16.46	/	4.00	20.46	30.0	PASS
	64QAM	Carrier 1	50	0	20.19	18.21	/	4.00	22.21	30.0	PASS
		Carrier 2	50	0		16.47	/	4.00	20.47	30.0	PASS
	256QAM	Carrier 1	50	0	20.33	18.19	/	4.00	22.19	30.0	PASS
		Carrier 2	50	0		16.51	/	4.00	20.51	30.0	PASS
HCH	QPSK	Carrier 1	50	0	19.74	17.99	/	4.00	21.99	30.0	PASS
		Carrier 2	50	0		15.68	/	4.00	19.68	30.0	PASS
	16QAM	Carrier 1	50	0	19.89	17.96	/	4.00	21.96	30.0	PASS
		Carrier 2	50	0		15.72	/	4.00	19.72	30.0	PASS
	64QAM	Carrier 1	50	0	19.78	17.94	/	4.00	21.94	30.0	PASS
		Carrier 2	50	0		15.71	/	4.00	19.71	30.0	PASS
	256QAM	Carrier 1	50	0	19.94	17.98	/	4.00	21.98	30.0	PASS
		Carrier 2	50	0		15.73	/	4.00	19.73	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Non-Contiguous _ 15MHz Bandwidth											
LCH	QPSK	Carrier 1	75	0	20.13	16.41	/	4.00	20.41	30.0	PASS
		Carrier 2	75	0		15.19	/	4.00	19.19	30.0	PASS
	16QAM	Carrier 1	75	0	20.18	16.57	/	4.00	20.57	30.0	PASS
		Carrier 2	75	0		15.31	/	4.00	19.31	30.0	PASS
	64QAM	Carrier 1	75	0	20.15	16.45	/	4.00	20.45	30.0	PASS
		Carrier 2	75	0		15.23	/	4.00	19.23	30.0	PASS
	256QAM	Carrier 1	75	0	20.09	16.47	/	4.00	20.47	30.0	PASS
		Carrier 2	75	0		15.22	/	4.00	19.22	30.0	PASS
HCH	QPSK	Carrier 1	75	0	20.25	16.58	/	4.00	20.58	30.0	PASS
		Carrier 2	75	0		15.13	/	4.00	19.13	30.0	PASS
	16QAM	Carrier 1	75	0	20.37	16.69	/	4.00	20.69	30.0	PASS
		Carrier 2	75	0		15.21	/	4.00	19.21	30.0	PASS
	64QAM	Carrier 1	75	0	20.26	16.57	/	4.00	20.57	30.0	PASS
		Carrier 2	75	0		15.17	/	4.00	19.17	30.0	PASS
	256QAM	Carrier 1	75	0	20.28	16.61	/	4.00	20.61	30.0	PASS
		Carrier 2	75	0		15.15	/	4.00	19.15	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Non-Contiguous _ 20MHz Bandwidth											
LCH	QPSK	Carrier 1	100	0	20.17	15.15	/	4.00	19.15	30.0	PASS
		Carrier 2	100	0		13.92	/	4.00	17.92	30.0	PASS
	16QAM	Carrier 1	100	0	20.24	15.18	/	4.00	19.18	30.0	PASS
		Carrier 2	100	0		13.91	/	4.00	17.91	30.0	PASS
	64QAM	Carrier 1	100	0	20.07	15.24	/	4.00	19.24	30.0	PASS
		Carrier 2	100	0		14.02	/	4.00	18.02	30.0	PASS
	256QAM	Carrier 1	100	0	20.11	15.23	/	4.00	19.23	30.0	PASS
		Carrier 2	100	0		14.01	/	4.00	18.01	30.0	PASS
HCH	QPSK	Carrier 1	100	0	20.32	15.44	/	4.00	19.44	30.0	PASS
		Carrier 2	100	0		14.06	/	4.00	18.06	30.0	PASS
	16QAM	Carrier 1	100	0	20.28	15.56	/	4.00	19.56	30.0	PASS
		Carrier 2	100	0		13.97	/	4.00	17.97	30.0	PASS
	64QAM	Carrier 1	100	0	20.21	15.51	/	4.00	19.51	30.0	PASS
		Carrier 2	100	0		14.03	/	4.00	18.03	30.0	PASS
	256QAM	Carrier 1	100	0	20.38	15.57	/	4.00	19.57	30.0	PASS

		Carrier 2	100	0		14.06	/	4.00	18.06	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB											

Frequency	Modulation	Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
		Total Power	Channel Power					
		dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_2 carriers contiguous_5MHz+10MHz								
LCH	QPSK	20.07	18.16	/	4.00	22.16	30.0	PASS
MCH	QPSK	20.34	18.59	/	4.00	22.59	30.0	PASS
HCH	QPSK	19.90	17.93	/	4.00	21.93	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_5MHz+15MHz								
LCH	QPSK	20.17	15.84	/	4.00	18.75	30.0	PASS
MCH	QPSK	20.42	16.14	/	4.00	18.73	30.0	PASS
HCH	QPSK	20.17	15.39	/	4.00	18.31	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_5MHz+20MHz								
LCH	QPSK	20.12	14.75	/	4.00	18.75	30.0	PASS
MCH	QPSK	20.68	14.73	/	4.00	18.73	30.0	PASS
HCH	QPSK	19.93	14.31	/	4.00	18.31	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_10MHz+15MHz								
LCH	QPSK	20.18	16.16	/	4.00	20.16	30.0	PASS
MCH	QPSK	20.54	16.08	/	4.00	20.08	30.0	PASS
HCH	QPSK	19.96	15.87	/	4.00	19.87	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_10MHz+20MHz								
LCH	QPSK	20.24	14.59	/	4.00	18.59	30.0	PASS
MCH	QPSK	20.54	14.39	/	4.00	18.39	30.0	PASS
HCH	QPSK	19.87	14.13	/	4.00	18.13	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_15MHz+20MHz								
LCH	QPSK	20.13	14.71	/	4.00	18.71	30.0	PASS
MCH	QPSK	20.59	14.46	/	4.00	18.46	30.0	PASS
HCH	QPSK	20.00	14.37	/	4.00	18.37	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB								

Frequency	Modulation	Carrier	Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
			Total Power	Channel Power					
			dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data _Test Band: 48 _2 carriers non-contiguous _ 5MHz+10MHz									
LCH	QPSK	Carrier 1	20.16	17.79	/	4.00	21.79	30.0	PASS
	QPSK	Carrier 2		16.42	/	4.00	20.42	30.0	PASS
HCH	QPSK	Carrier 1	20.26	18.25	/	4.00	22.25	30.0	PASS
	QPSK	Carrier 2		16.54	/	4.00	20.54	30.0	PASS
EIRP Test data _Test Band: 48 _2 carriers non-contiguous _ 5MHz+15MHz									
LCH	QPSK	Carrier 1	20.03	16.27	/	4.00	2.27	30.0	PASS
	QPSK	Carrier 2		16.41	/	4.00	20.41	30.0	PASS
HCH	QPSK	Carrier 1	20.19	18.17	/	4.00	22.17	30.0	PASS
	QPSK	Carrier 2		15.07	/	4.00	19.07	30.0	PASS
EIRP Test data _Test Band: 48 _2 carriers non-contiguous _ 5MHz+20MHz									
LCH	QPSK	Carrier 1	20.22	15.26	/	4.00	19.26	30.0	PASS
	QPSK	Carrier 2		16.48	/	4.00	20.48	30.0	PASS
HCH	QPSK	Carrier 1	20.07	17.83	/	4.00	21.83	30.0	PASS
	QPSK	Carrier 2		13.87	/	4.00	17.87	30.0	PASS

EIRP Test data_Test Band: 48 _2 carriers non-contiguous _ 10MHz+15MHz									
LCH	QPSK	Carrier 1	20.25	16.39	/	4.00	20.39	30.0	PASS
	QPSK	Carrier 2		16.57	/	4.00	20.57	30.0	PASS
HCH	QPSK	Carrier 1	20.17	18.12	/	4.00	22.12	30.0	PASS
	QPSK	Carrier 2		15.11	/	4.00	19.11	30.0	PASS
EIRP Test data_Test Band: 48 _2 carriers non-contiguous _10MHz+20MHz									
LCH	QPSK	Carrier 1	20.19	15.18	/	4.00	19.18	30.0	PASS
	QPSK	Carrier 2		16.54	/	4.00	20.54	30.0	PASS
HCH	QPSK	Carrier 1	20.07	17.90	/	4.00	21.90	30.0	PASS
	QPSK	Carrier 2		13.86	/	4.00	17.86	30.0	PASS
EIRP Test data_Test Band: 48 _2 carriers non-contiguous _ 15MHz+20MHz									
LCH	QPSK	Carrier 1	20.21	15.16	/	4.00	19.16	30.0	PASS
	QPSK	Carrier 2		15.23	/	4.00	19.23	30.0	PASS
HCH	QPSK	Carrier 1	20.11	16.62	/	4.00	20.62	30.0	PASS
	QPSK	Carrier 2		13.91	/	4.00	17.91	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB									

Frequency	Modulation	RB Allocation		PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data_Test Band: 48_ 2 Carriers Contiguous_ 5MHz Bandwidth									
LCH	QPSK	25	0	9.71	/	4.00	13.71	20.0	PASS
	16QAM	25	0	9.78	/	4.00	13.78	20.0	PASS
	64QAM	25	0	9.79	/	4.00	13.79	20.0	PASS
	256QAM	25	0	9.80	/	4.00	13.80	20.0	PASS
MCH	QPSK	25	0	10.31	/	4.00	14.31	20.0	PASS
	16QAM	25	0	10.34	/	4.00	14.34	20.0	PASS
	64QAM	25	0	10.33	/	4.00	14.33	20.0	PASS
	256QAM	25	0	10.31	/	4.00	14.31	20.0	PASS
HCH	QPSK	25	0	9.71	/	4.00	13.71	20.0	PASS
	16QAM	25	0	9.85	/	4.00	13.85	20.0	PASS
	64QAM	25	0	9.74	/	4.00	13.74	20.0	PASS
	256QAM	25	0	9.78	/	4.00	13.78	20.0	PASS
PSD Test data_Test Band: 48_ 2 Carriers Contiguous_ 10MHz Bandwidth									
LCH	QPSK	50	0	7.13	/	4.00	11.13	20.0	PASS
	16QAM	50	0	6.96	/	4.00	10.96	20.0	PASS
	64QAM	50	0	6.96	/	4.00	10.96	20.0	PASS
	256QAM	50	0	6.97	/	4.00	10.97	20.0	PASS
MCH	QPSK	50	0	7.46	/	4.00	11.46	20.0	PASS
	16QAM	50	0	7.44	/	4.00	11.44	20.0	PASS
	64QAM	50	0	7.47	/	4.00	11.47	20.0	PASS
	256QAM	50	0	7.47	/	4.00	11.47	20.0	PASS
HCH	QPSK	50	0	6.59	/	4.00	10.59	20.0	PASS
	16QAM	50	0	6.56	/	4.00	10.56	20.0	PASS
	64QAM	50	0	6.59	/	4.00	10.59	20.0	PASS
	256QAM	50	0	6.59	/	4.00	10.59	20.0	PASS
PSD Test data_Test Band: 48_ 2 Carriers Contiguous_ 15MHz Bandwidth									
LCH	QPSK	75	0	5.16	/	4.00	9.16	20.0	PASS
	16QAM	75	0	5.14	/	4.00	9.14	20.0	PASS
	64QAM	75	0	5.17	/	4.00	9.17	20.0	PASS
	256QAM	75	0	5.16	/	4.00	9.16	20.0	PASS
MCH	QPSK	75	0	5.65	/	4.00	9.65	20.0	PASS
	16QAM	75	0	5.63	/	4.00	9.63	20.0	PASS
	64QAM	75	0	5.74	/	4.00	9.74	20.0	PASS

	256QAM	75	0	5.73	/	4.00	9.73	20.0	PASS
HCH	QPSK	75	0	4.71	/	4.00	8.71	20.0	PASS
	16QAM	75	0	4.68	/	4.00	8.68	20.0	PASS
	64QAM	75	0	4.72	/	4.00	8.72	20.0	PASS
	256QAM	75	0	4.74	/	4.00	8.74	20.0	PASS
PSD Test data_Test Band: 48 _ 2 Carriers Contiguous _ 20MHz Bandwidth									
LCH	QPSK	100	0	3.97	/	4.00	7.97	20.0	PASS
	16QAM	100	0	4.06	/	4.00	8.06	20.0	PASS
	64QAM	100	0	4.08	/	4.00	8.08	20.0	PASS
	256QAM	100	0	4.07	/	4.00	8.07	20.0	PASS
MCH	QPSK	100	0	4.53	/	4.00	8.53	20.0	PASS
	16QAM	100	0	4.54	/	4.00	8.54	20.0	PASS
	64QAM	100	0	4.54	/	4.00	8.54	20.0	PASS
	256QAM	100	0	4.53	/	4.00	8.53	20.0	PASS
HCH	QPSK	100	0	3.64	/	4.00	7.64	20.0	PASS
	16QAM	100	0	3.65	/	4.00	7.65	20.0	PASS
	64QAM	100	0	3.67	/	4.00	7.67	20.0	PASS
	256QAM	100	0	3.65	/	4.00	7.65	20.0	PASS

Note:

1) EIRP PSD= Conducted PSD + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

Frequency	Modulation	Carrier	PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz Bandwidth								
LCH	QPSK	Carrier 1	10.83	/	4.00	14.83	20.0	PASS
		Carrier 2	9.33	/	4.00	13.33	20.0	PASS
	16QAM	Carrier 1	10.50	/	4.00	14.50	20.0	PASS
		Carrier 2	9.46	/	4.00	13.46	20.0	PASS
	64QAM	Carrier 1	10.49	/	4.00	14.49	20.0	PASS
		Carrier 2	9.37	/	4.00	13.37	20.0	PASS
	256QAM	Carrier 1	10.46	/	4.00	14.46	20.0	PASS
		Carrier 2	9.38	/	4.00	13.38	20.0	PASS
HCH	QPSK	Carrier 1	11.33	/	4.00	15.33	20.0	PASS
		Carrier 2	9.24	/	4.00	13.24	20.0	PASS
	16QAM	Carrier 1	11.35	/	4.00	15.35	20.0	PASS
		Carrier 2	9.23	/	4.00	13.23	20.0	PASS
	64QAM	Carrier 1	11.36	/	4.00	15.36	20.0	PASS
		Carrier 2	9.33	/	4.00	13.33	20.0	PASS
	256QAM	Carrier 1	11.32	/	4.00	15.32	20.0	PASS
		Carrier 2	9.25	/	4.00	13.25	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz Bandwidth								
LCH	QPSK	Carrier 1	8.23	/	4.00	12.23	20.0	PASS
		Carrier 2	6.49	/	4.00	10.49	20.0	PASS
	16QAM	Carrier 1	8.20	/	4.00	12.20	20.0	PASS
		Carrier 2	6.52	/	4.00	10.52	20.0	PASS
	64QAM	Carrier 1	8.20	/	4.00	12.20	20.0	PASS
		Carrier 2	6.47	/	4.00	10.47	20.0	PASS
	256QAM	Carrier 1	8.19	/	4.00	12.19	20.0	PASS
		Carrier 2	6.47	/	4.00	10.47	20.0	PASS
HCH	QPSK	Carrier 1	7.99	/	4.00	11.99	20.0	PASS
		Carrier 2	5.68	/	4.00	9.68	20.0	PASS
	16QAM	Carrier 1	7.96	/	4.00	11.96	20.0	PASS
		Carrier 2	5.72	/	4.00	9.72	20.0	PASS
	64QAM	Carrier 1	7.94	/	4.00	11.94	20.0	PASS
		Carrier 2	5.71	/	4.00	9.71	20.0	PASS

	256QAM	Carrier 1	7.98	/	4.00	11.98	20.0	PASS
		Carrier 2	5.73	/	4.00	9.73	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_15MHz Bandwidth								
LCH	QPSK	Carrier 1	6.19	/	4.00	10.19	20.0	PASS
		Carrier 2	4.74	/	4.00	8.74	20.0	PASS
	16QAM	Carrier 1	6.20	/	4.00	10.20	20.0	PASS
		Carrier 2	4.79	/	4.00	8.79	20.0	PASS
	64QAM	Carrier 1	6.17	/	4.00	10.17	20.0	PASS
		Carrier 2	4.80	/	4.00	8.80	20.0	PASS
	256QAM	Carrier 1	6.20	/	4.00	10.20	20.0	PASS
		Carrier 2	4.76	/	4.00	8.76	20.0	PASS
HCH	QPSK	Carrier 1	6.30	/	4.00	10.30	20.0	PASS
		Carrier 2	4.89	/	4.00	8.89	20.0	PASS
	16QAM	Carrier 1	6.22	/	4.00	10.22	20.0	PASS
		Carrier 2	4.89	/	4.00	8.89	20.0	PASS
	64QAM	Carrier 1	6.19	/	4.00	10.19	20.0	PASS
		Carrier 2	4.86	/	4.00	8.86	20.0	PASS
	256QAM	Carrier 1	6.23	/	4.00	10.23	20.0	PASS
		Carrier 2	4.84	/	4.00	8.84	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_20MHz Bandwidth								
LCH	QPSK	Carrier 1	5.03	/	4.00	9.03	20.0	PASS
		Carrier 2	3.64	/	4.00	7.64	20.0	PASS
	16QAM	Carrier 1	5.03	/	4.00	9.03	20.0	PASS
		Carrier 2	3.68	/	4.00	7.68	20.0	PASS
	64QAM	Carrier 1	5.02	/	4.00	9.02	20.0	PASS
		Carrier 2	3.70	/	4.00	7.70	20.0	PASS
	256QAM	Carrier 1	5.02	/	4.00	9.02	20.0	PASS
		Carrier 2	3.73	/	4.00	7.73	20.0	PASS
HCH	QPSK	Carrier 1	5.00	/	4.00	9.00	20.0	PASS
		Carrier 2	3.83	/	4.00	7.83	20.0	PASS
	16QAM	Carrier 1	5.01	/	4.00	9.01	20.0	PASS
		Carrier 2	3.73	/	4.00	7.73	20.0	PASS
	64QAM	Carrier 1	5.03	/	4.00	9.03	20.0	PASS
		Carrier 2	3.76	/	4.00	7.76	20.0	PASS
	256QAM	Carrier 1	5.03	/	4.00	9.03	20.0	PASS
		Carrier 2	3.77	/	4.00	7.77	20.0	PASS

Frequency	Modulation	PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
			(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers contiguous_5MHz+10MHz							
LCH	QPSK	9.31	/	4.00	13.31	20.0	PASS
MCH	QPSK	9.68	/	4.00	13.68	20.0	PASS
HCH	QPSK	9.14	/	4.00	13.14	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_5MHz+15MHz							
LCH	QPSK	9.16	/	4.00	13.16	20.0	PASS
MCH	QPSK	9.57	/	4.00	13.57	20.0	PASS
HCH	QPSK	9.16	/	4.00	13.16	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_5MHz+20MHz							
LCH	QPSK	9.15	/	4.00	13.15	20.0	PASS
MCH	QPSK	9.48	/	4.00	13.48	20.0	PASS
HCH	QPSK	9.36	/	4.00	13.36	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_10MHz+15MHz							
LCH	QPSK	7.20	/	4.00	11.20	20.0	PASS
MCH	QPSK	7.51	/	4.00	11.51	20.0	PASS
HCH	QPSK	6.98	/	4.00	10.98	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_10MHz+20MHz							

LCH	QPSK	7.47	/	4.00	11.47	20.0	PASS
MCH	QPSK	7.63	/	4.00	11.63	20.0	PASS
HCH	QPSK	7.10	/	4.00	11.10	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_15MHz+20MHz							
LCH	QPSK	5.29	/	4.00	9.29	20.0	PASS
MCH	QPSK	5.89	/	4.00	9.89	20.0	PASS
HCH	QPSK	5.56	/	4.00	9.56	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB							

Frequency	Modulation	Carrier	PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+10MHz								
LCH	QPSK	Carrier 1	7.79	/	4.00	11.79	20.0	PASS
	QPSK	Carrier 2	9.43	/	4.00	13.43	20.0	PASS
HCH	QPSK	Carrier 1	9.71	/	4.00	13.71	20.0	PASS
	QPSK	Carrier 2	7.54	/	4.00	11.54	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+15MHz								
LCH	QPSK	Carrier 1	6.08	/	4.00	10.08	20.0	PASS
	QPSK	Carrier 2	9.42	/	4.00	13.42	20.0	PASS
HCH	QPSK	Carrier 1	9.62	/	4.00	13.62	20.0	PASS
	QPSK	Carrier 2	6.78	/	4.00	10.78	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+20MHz								
LCH	QPSK	Carrier 1	5.15	/	4.00	9.15	20.0	PASS
	QPSK	Carrier 2	9.49	/	4.00	13.49	20.0	PASS
HCH	QPSK	Carrier 1	9.90	/	4.00	13.90	20.0	PASS
	QPSK	Carrier 2	4.62	/	4.00	8.62	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz+15MHz								
LCH	QPSK	Carrier 1	6.23	/	4.00	10.23	20.0	PASS
	QPSK	Carrier 2	6.57	/	4.00	10.57	20.0	PASS
HCH	QPSK	Carrier 1	7.98	/	4.00	11.98	20.0	PASS
	QPSK	Carrier 2	5.78	/	4.00	9.78	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz+20MHz								
LCH	QPSK	Carrier 1	5.04	/	4.00	9.04	20.0	PASS
	QPSK	Carrier 2	6.54	/	4.00	10.54	20.0	PASS
HCH	QPSK	Carrier 1	7.90	/	4.00	11.90	20.0	PASS
	QPSK	Carrier 2	4.63	/	4.00	4.63	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_15MHz+20MHz								
LCH	QPSK	Carrier 1	5.06	/	4.00	9.06	20.0	PASS
	QPSK	Carrier 2	4.82	/	4.00	8.82	20.0	PASS
HCH	QPSK	Carrier 1	6.10	/	4.00	10.10	20.0	PASS
	QPSK	Carrier 2	3.67	/	4.00	7.67	20.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

For 2x2MIMO :

Frequency	Modulation	RB Allocation		2x2 MIMO Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 5MHz Bandwidth										
LCH	QPSK	25	0	22.71	22.71	/	4.00	26.71	30.0	PASS
	16QAM	25	0	22.78	22.78	/	4.00	26.78	30.0	PASS
	64QAM	25	0	22.79	22.79	/	4.00	26.79	30.0	PASS
	256QAM	25	0	22.80	22.80	/	4.00	26.80	30.0	PASS
MCH	QPSK	25	0	23.30	23.30	/	4.00	27.30	30.0	PASS
	16QAM	25	0	23.34	23.34	/	4.00	27.34	30.0	PASS
	64QAM	25	0	23.33	23.33	/	4.00	27.33	30.0	PASS
	256QAM	25	0	23.31	23.31	/	4.00	27.31	30.0	PASS
HCH	QPSK	25	0	22.71	22.71	/	4.00	26.71	30.0	PASS
	16QAM	25	0	22.85	22.85	/	4.00	26.85	30.0	PASS
	64QAM	25	0	22.74	22.74	/	4.00	26.74	30.0	PASS
	256QAM	25	0	22.78	22.78	/	4.00	26.78	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 10MHz Bandwidth										
LCH	QPSK	50	0	23.14	20.01	/	4.00	24.01	30.0	PASS
	16QAM	50	0	22.97	19.89	/	4.00	23.89	30.0	PASS
	64QAM	50	0	22.97	19.85	/	4.00	23.85	30.0	PASS
	256QAM	50	0	22.98	19.84	/	4.00	23.84	30.0	PASS
MCH	QPSK	50	0	23.47	20.45	/	4.00	24.45	30.0	PASS
	16QAM	50	0	23.45	20.41	/	4.00	24.41	30.0	PASS
	64QAM	50	0	23.48	20.48	/	4.00	24.48	30.0	PASS
	256QAM	50	0	23.48	20.51	/	4.00	24.51	30.0	PASS
HCH	QPSK	50	0	22.60	19.61	/	4.00	23.61	30.0	PASS
	16QAM	50	0	22.57	19.52	/	4.00	23.52	30.0	PASS
	64QAM	50	0	22.60	19.65	/	4.00	23.65	30.0	PASS
	256QAM	50	0	22.60	19.66	/	4.00	23.66	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 15MHz Bandwidth										
LCH	QPSK	75	0	22.93	18.67	/	4.00	22.67	30.0	PASS
	16QAM	75	0	22.91	18.72	/	4.00	22.72	30.0	PASS
	64QAM	75	0	22.94	18.69	/	4.00	22.69	30.0	PASS
	256QAM	75	0	22.93	18.68	/	4.00	22.68	30.0	PASS
MCH	QPSK	75	0	23.38	19.26	/	4.00	23.26	30.0	PASS
	16QAM	75	0	23.40	19.39	/	4.00	23.39	30.0	PASS
	64QAM	75	0	23.51	19.35	/	4.00	23.35	30.0	PASS
	256QAM	75	0	23.50	19.28	/	4.00	23.28	30.0	PASS
HCH	QPSK	75	0	22.49	17.91	/	4.00	21.91	30.0	PASS
	16QAM	75	0	22.45	17.94	/	4.00	21.94	30.0	PASS
	64QAM	75	0	22.49	17.93	/	4.00	21.93	30.0	PASS
	256QAM	75	0	22.52	17.96	/	4.00	21.96	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 20MHz Bandwidth										
LCH	QPSK	100	0	22.99	17.78	/	4.00	21.78	30.0	PASS
	16QAM	100	0	23.08	17.74	/	4.00	21.74	30.0	PASS
	64QAM	100	0	23.10	17.78	/	4.00	21.78	30.0	PASS

	256QAM	100	0	23.09	17.79	/	4.00	21.79	30.0	PASS
MCH	QPSK	100	0	23.55	18.17	/	4.00	22.17	30.0	PASS
	16QAM	100	0	23.56	18.18	/	4.00	22.18	30.0	PASS
	64QAM	100	0	23.56	18.21	/	4.00	22.21	30.0	PASS
	256QAM	100	0	23.55	18.19	/	4.00	22.19	30.0	PASS
HCH	QPSK	100	0	22.66	17.32	/	4.00	21.32	30.0	PASS
	16QAM	100	0	22.67	17.21	/	4.00	21.21	30.0	PASS
	64QAM	100	0	22.69	17.21	/	4.00	21.21	30.0	PASS
	256QAM	100	0	22.67	17.28	/	4.00	21.28	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	Carrier	RB Allocation		2x2 MIMO Conducted Power		Antenna gain		EIRPdB m/10M Hz	Limit (dBm)	Verdict
			Size	Offset	Total Power	Channel Power					
					dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 2 Carriers non-Contiguous _ 5MHz Bandwidth											
LCH	QPSK	Carrier 1	25	0	22.89	20.82	/	4.00	24.82	30.0	PASS
		Carrier 2	25	0		19.32	/	4.00	23.32	30.0	PASS
	16QAM	Carrier 1	25	0	22.83	20.49	/	4.00	24.49	30.0	PASS
		Carrier 2	25	0		19.45	/	4.00	23.45	30.0	PASS
	64QAM	Carrier 1	25	0	22.86	20.48	/	4.00	24.48	30.0	PASS
		Carrier 2	25	0		19.36	/	4.00	23.36	30.0	PASS
	256QAM	Carrier 1	25	0	22.81	20.45	/	4.00	24.45	30.0	PASS
		Carrier 2	25	0		19.37	/	4.00	23.37	30.0	PASS
HCH	QPSK	Carrier 1	25	0	23.38	21.40	/	4.00	25.4	30.0	PASS
		Carrier 2	25	0		19.23	/	4.00	23.23	30.0	PASS
	16QAM	Carrier 1	25	0	23.43	21.44	/	4.00	25.44	30.0	PASS
		Carrier 2	25	0		19.22	/	4.00	23.22	30.0	PASS
	64QAM	Carrier 1	25	0	23.47	21.45	/	4.00	25.45	30.0	PASS
		Carrier 2	25	0		19.31	/	4.00	23.31	30.0	PASS
	256QAM	Carrier 1	25	0	23.44	21.40	/	4.00	25.40	30.0	PASS
		Carrier 2	25	0		19.24	/	4.00	23.24	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers non-Contiguous _ 10MHz Bandwidth											
LCH	QPSK	Carrier 1	50	0	23.11	21.23	/	4.00	25.23	30.0	PASS
		Carrier 2	50	0		19.49	/	4.00	23.49	30.0	PASS
	16QAM	Carrier 1	50	0	23.27	21.20	/	4.00	25.20	30.0	PASS
		Carrier 2	50	0		19.46	/	4.00	23.46	30.0	PASS
	64QAM	Carrier 1	50	0	23.19	21.21	/	4.00	25.21	30.0	PASS
		Carrier 2	50	0		19.47	/	4.00	23.47	30.0	PASS
	256QAM	Carrier 1	50	0	23.33	21.19	/	4.00	25.19	30.0	PASS
		Carrier 2	50	0		19.51	/	4.00	23.51	30.0	PASS
HCH	QPSK	Carrier 1	50	0	22.74	20.99	/	4.00	24.99	30.0	PASS
		Carrier 2	50	0		18.68	/	4.00	22.68	30.0	PASS
	16QAM	Carrier 1	50	0	22.89	20.96	/	4.00	24.96	30.0	PASS
		Carrier 2	50	0		18.72	/	4.00	22.72	30.0	PASS
	64QAM	Carrier 1	50	0	22.78	20.94	/	4.00	24.94	30.0	PASS
		Carrier 2	50	0		18.71	/	4.00	22.71	30.0	PASS

	256QAM	Carrier 1	50	0	22.94	20.98	/	4.00	24.98	30.0	PASS
		Carrier 2	50	0		18.73	/	4.00	22.73	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers non-Contiguous _ 15MHz Bandwidth											
LCH	QPSK	Carrier 1	75	0	23.13	19.41	/	4.00	23.41	30.0	PASS
		Carrier 2	75	0		18.19	/	4.00	22.19	30.0	PASS
	16QAM	Carrier 1	75	0	23.18	19.57	/	4.00	23.57	30.0	PASS
		Carrier 2	75	0		18.31	/	4.00	22.31	30.0	PASS
	64QAM	Carrier 1	75	0	23.15	19.45	/	4.00	23.45	30.0	PASS
		Carrier 2	75	0		18.23	/	4.00	22.23	30.0	PASS
	256QAM	Carrier 1	75	0	23.09	19.47	/	4.00	23.47	30.0	PASS
		Carrier 2	75	0		18.22	/	4.00	22.22	30.0	PASS
HCH	QPSK	Carrier 1	75	0	23.25	19.58	/	4.00	23.58	30.0	PASS
		Carrier 2	75	0		18.13	/	4.00	22.13	30.0	PASS
	16QAM	Carrier 1	75	0	23.37	19.69	/	4.00	23.69	30.0	PASS
		Carrier 2	75	0		18.21	/	4.00	22.21	30.0	PASS
	64QAM	Carrier 1	75	0	23.26	19.57	/	4.00	23.57	30.0	PASS
		Carrier 2	75	0		18.17	/	4.00	22.17	30.0	PASS
	256QAM	Carrier 1	75	0	23.28	19.61	/	4.00	23.61	30.0	PASS
		Carrier 2	75	0		18.15	/	4.00	22.15	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers non-Contiguous _ 20MHz Bandwidth											
LCH	QPSK	Carrier 1	100	0	23.17	18.15	/	4.00	22.15	30.0	PASS
		Carrier 2	100	0		16.92	/	4.00	20.92	30.0	PASS
	16QAM	Carrier 1	100	0	23.24	18.18	/	4.00	22.18	30.0	PASS
		Carrier 2	100	0		16.91	/	4.00	20.91	30.0	PASS
	64QAM	Carrier 1	100	0	23.07	18.24	/	4.00	22.24	30.0	PASS
		Carrier 2	100	0		17.02	/	4.00	21.02	30.0	PASS
HCH	QPSK	Carrier 1	100	0	23.32	18.44	/	4.00	22.44	30.0	PASS
		Carrier 2	100	0		17.06	/	4.00	21.06	30.0	PASS
	16QAM	Carrier 1	100	0	23.28	18.56	/	4.00	22.56	30.0	PASS
		Carrier 2	100	0		16.97	/	4.00	20.97	30.0	PASS
	64QAM	Carrier 1	100	0	23.21	18.51	/	4.00	22.51	30.0	PASS
		Carrier 2	100	0		17.03	/	4.00	21.03	30.0	PASS
256QAM	Carrier 1	100	0	23.38	18.57	/	4.00	22.57	30.0	PASS	
	Carrier 2	100	0		17.06	/	4.00	21.06	30.0	PASS	
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)											

Frequency	Modulation	2x2 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
		Total Power	Channel Power					
		dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 2 carriers contiguous _ 5MHz+10MHz								
LCH	QPSK	23.07	21.16	/	4.00	25.16	30.0	PASS
MCH	QPSK	23.34	21.59	/	4.00	25.59	30.0	PASS
HCH	QPSK	22.90	20.93	/	4.00	24.93	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 carriers contiguous _ 5MHz+15MHz								
LCH	QPSK	23.17	18.84	/	4.00	22.84	30.0	PASS
MCH	QPSK	23.42	19.14	/	4.00	23.14	30.0	PASS
HCH	QPSK	23.17	18.39	/	4.00	22.39	30.0	PASS

EIRP Test data_Test Band: 48_2 carriers contiguous_5MHz+20MHz								
LCH	QPSK	23.12	17.75	/	4.00	21.75	30.0	PASS
MCH	QPSK	23.68	17.73	/	4.00	21.73	30.0	PASS
HCH	QPSK	22.93	17.31	/	4.00	21.31	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_10MHz+15MHz								
LCH	QPSK	23.18	19.16	/	4.00	23.16	30.0	PASS
MCH	QPSK	23.54	19.08	/	4.00	23.08	30.0	PASS
HCH	QPSK	22.96	18.87	/	4.00	22.87	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_10MHz+20MHz								
LCH	QPSK	23.24	17.59	/	4.00	21.59	30.0	PASS
MCH	QPSK	23.54	17.39	/	4.00	21.39	30.0	PASS
HCH	QPSK	22.87	17.13	/	4.00	21.13	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_15MHz+20MHz								
LCH	QPSK	23.13	17.71	/	4.00	21.71	30.0	PASS
MCH	QPSK	23.59	17.46	/	4.00	21.46	30.0	PASS
HCH	QPSK	23.00	17.37	/	4.00	21.37	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)								

Frequency	Modulation	Carrier	2x2 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
			Total Power	Channel Power					
			dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_2 carriers non-contiguous_5MHz+10MHz									
LCH	QPSK	Carrier 1	23.16	20.79	/	4.00	24.79	30.0	PASS
	QPSK	Carrier 2		19.42	/	4.00	23.42	30.0	PASS
HCH	QPSK	Carrier 1	23.26	21.25	/	4.00	25.25	30.0	PASS
	QPSK	Carrier 2		19.54	/	4.00	23.54	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_5MHz+15MHz									
LCH	QPSK	Carrier 1	23.03	19.27	/	4.00	23.27	30.0	PASS
	QPSK	Carrier 2		19.41	/	4.00	23.41	30.0	PASS
HCH	QPSK	Carrier 1	23.19	21.17	/	4.00	25.17	30.0	PASS
	QPSK	Carrier 2		18.07	/	4.00	22.07	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_5MHz+20MHz									
LCH	QPSK	Carrier 1	23.22	18.26	/	4.00	22.26	30.0	PASS
	QPSK	Carrier 2		19.48	/	4.00	23.48	30.0	PASS
HCH	QPSK	Carrier 1	23.07	20.83	/	4.00	24.83	30.0	PASS
	QPSK	Carrier 2		16.87	/	4.00	20.87	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_10MHz+15MHz									
LCH	QPSK	Carrier 1	23.25	19.39	/	4.00	23.39	30.0	PASS
	QPSK	Carrier 2		19.57	/	4.00	23.57	30.0	PASS
HCH	QPSK	Carrier 1	23.17	21.12	/	4.00	25.12	30.0	PASS
	QPSK	Carrier 2		18.11	/	4.00	22.11	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_10MHz+20MHz									
LCH	QPSK	Carrier 1	23.19	18.18	/	4.00	22.18	30.0	PASS
	QPSK	Carrier 2		19.54	/	4.00	23.54	30.0	PASS
HCH	QPSK	Carrier 1	23.07	20.90	/	4.00	24.90	30.0	PASS
	QPSK	Carrier 2		16.86	/	4.00	20.86	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_15MHz+20MHz									
LCH	QPSK	Carrier 1	23.21	18.16	/	4.00	22.16	30.0	PASS
	QPSK	Carrier 2		18.23	/	4.00	22.23	30.0	PASS
HCH	QPSK	Carrier 1	23.11	19.62	/	4.00	23.62	30.0	PASS
	QPSK	Carrier 2		16.91	/	4.00	20.91	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	RB Allocation		2x2 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 Carriers Contiguous_5MHz Bandwidth									
LCH	QPSK	25	0	12.71	/	4.00	16.71	20.0	PASS
	16QAM	25	0	12.78	/	4.00	16.78	20.0	PASS
	64QAM	25	0	12.79	/	4.00	16.79	20.0	PASS
	256QAM	25	0	12.80	/	4.00	16.80	20.0	PASS
MCH	QPSK	25	0	13.32	/	4.00	17.32	20.0	PASS
	16QAM	25	0	13.36	/	4.00	17.36	20.0	PASS
	64QAM	25	0	13.33	/	4.00	17.33	20.0	PASS
	256QAM	25	0	13.31	/	4.00	17.31	20.0	PASS
HCH	QPSK	25	0	12.71	/	4.00	16.71	20.0	PASS
	16QAM	25	0	12.85	/	4.00	16.85	20.0	PASS
	64QAM	25	0	12.74	/	4.00	16.74	20.0	PASS
	256QAM	25	0	12.78	/	4.00	16.78	20.0	PASS
PSD Test data_Test Band: 48_2 Carriers Contiguous_10MHz Bandwidth									
LCH	QPSK	50	0	10.13	/	4.00	14.13	20.0	PASS
	16QAM	50	0	9.96	/	4.00	13.96	20.0	PASS
	64QAM	50	0	9.96	/	4.00	13.96	20.0	PASS
	256QAM	50	0	9.97	/	4.00	13.97	20.0	PASS
MCH	QPSK	50	0	10.46	/	4.00	14.46	20.0	PASS
	16QAM	50	0	10.44	/	4.00	14.44	20.0	PASS
	64QAM	50	0	10.48	/	4.00	14.48	20.0	PASS
	256QAM	50	0	10.47	/	4.00	14.47	20.0	PASS
HCH	QPSK	50	0	9.59	/	4.00	13.59	20.0	PASS
	16QAM	50	0	9.56	/	4.00	13.56	20.0	PASS
	64QAM	50	0	9.59	/	4.00	13.59	20.0	PASS
	256QAM	50	0	9.59	/	4.00	13.59	20.0	PASS
PSD Test data_Test Band: 48_2 Carriers Contiguous_15MHz Bandwidth									
LCH	QPSK	75	0	8.16	/	4.00	12.16	20.0	PASS
	16QAM	75	0	8.14	/	4.00	12.14	20.0	PASS
	64QAM	75	0	8.17	/	4.00	12.17	20.0	PASS
	256QAM	75	0	8.16	/	4.00	12.16	20.0	PASS
MCH	QPSK	75	0	8.61	/	4.00	12.61	20.0	PASS
	16QAM	75	0	8.63	/	4.00	12.63	20.0	PASS
	64QAM	75	0	8.73	/	4.00	12.73	20.0	PASS
	256QAM	75	0	8.73	/	4.00	12.73	20.0	PASS
HCH	QPSK	75	0	7.71	/	4.00	11.71	20.0	PASS
	16QAM	75	0	7.68	/	4.00	11.68	20.0	PASS
	64QAM	75	0	7.72	/	4.00	11.72	20.0	PASS
	256QAM	75	0	7.74	/	4.00	11.74	20.0	PASS
PSD Test data_Test Band: 48_2 Carriers Contiguous_20MHz Bandwidth									
LCH	QPSK	100	0	6.97	/	4.00	10.97	20.0	PASS
	16QAM	100	0	7.06	/	4.00	11.06	20.0	PASS
	64QAM	100	0	7.08	/	4.00	11.08	20.0	PASS
	256QAM	100	0	7.07	/	4.00	11.07	20.0	PASS
MCH	QPSK	100	0	7.53	/	4.00	11.53	20.0	PASS
	16QAM	100	0	7.54	/	4.00	11.54	20.0	PASS
	64QAM	100	0	7.54	/	4.00	11.54	20.0	PASS
	256QAM	100	0	7.53	/	4.00	11.53	20.0	PASS
HCH	QPSK	100	0	6.64	/	4.00	10.64	20.0	PASS

	16QAM	100	0	6.65	/	4.00	10.65	20.0	PASS
	64QAM	100	0	6.67	/	4.00	10.67	20.0	PASS
	256QAM	100	0	6.65	/	4.00	10.65	20.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)

Frequency	Modulation	Carrier	2x2 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz Bandwidth								
LCH	QPSK	Carrier 1	13.83	/	4.00	17.83	20.0	PASS
		Carrier 2	12.33	/	4.00	16.33	20.0	PASS
	16QAM	Carrier 1	13.50	/	4.00	17.50	20.0	PASS
		Carrier 2	12.46	/	4.00	16.46	20.0	PASS
	64QAM	Carrier 1	13.49	/	4.00	17.49	20.0	PASS
		Carrier 2	12.37	/	4.00	16.37	20.0	PASS
	256QAM	Carrier 1	13.46	/	4.00	17.46	20.0	PASS
		Carrier 2	12.38	/	4.00	16.38	20.0	PASS
HCH	QPSK	Carrier 1	14.44	/	4.00	18.44	20.0	PASS
		Carrier 2	12.24	/	4.00	16.24	20.0	PASS
	16QAM	Carrier 1	14.36	/	4.00	18.36	20.0	PASS
		Carrier 2	12.23	/	4.00	16.23	20.0	PASS
	64QAM	Carrier 1	14.36	/	4.00	18.36	20.0	PASS
		Carrier 2	12.33	/	4.00	16.33	20.0	PASS
	256QAM	Carrier 1	14.32	/	4.00	18.32	20.0	PASS
		Carrier 2	12.25	/	4.00	16.25	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz Bandwidth								
LCH	QPSK	Carrier 1	11.24	/	4.00	15.24	20.0	PASS
		Carrier 2	9.49	/	4.00	13.49	20.0	PASS
	16QAM	Carrier 1	11.20	/	4.00	15.20	20.0	PASS
		Carrier 2	9.52	/	4.00	13.52	20.0	PASS
	64QAM	Carrier 1	11.21	/	4.00	15.21	20.0	PASS
		Carrier 2	9.47	/	4.00	13.47	20.0	PASS
	256QAM	Carrier 1	11.19	/	4.00	15.19	20.0	PASS
		Carrier 2	9.47	/	4.00	13.47	20.0	PASS
HCH	QPSK	Carrier 1	10.99	/	4.00	14.99	20.0	PASS
		Carrier 2	8.68	/	4.00	12.68	20.0	PASS
	16QAM	Carrier 1	10.96	/	4.00	14.96	20.0	PASS
		Carrier 2	8.72	/	4.00	12.72	20.0	PASS
	64QAM	Carrier 1	10.94	/	4.00	14.94	20.0	PASS
		Carrier 2	8.71	/	4.00	12.71	20.0	PASS
	256QAM	Carrier 1	10.98	/	4.00	14.98	20.0	PASS
		Carrier 2	8.73	/	4.00	12.73	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_15MHz Bandwidth								
LCH	QPSK	Carrier 1	9.19	/	4.00	13.19	20.0	PASS
		Carrier 2	7.74	/	4.00	11.74	20.0	PASS
	16QAM	Carrier 1	9.20	/	4.00	13.20	20.0	PASS
		Carrier 2	7.79	/	4.00	11.79	20.0	PASS
	64QAM	Carrier 1	9.17	/	4.00	13.17	20.0	PASS
		Carrier 2	7.80	/	4.00	11.80	20.0	PASS
	256QAM	Carrier 1	9.20	/	4.00	13.20	20.0	PASS
		Carrier 2	7.76	/	4.00	11.76	20.0	PASS
HCH	QPSK	Carrier 1	9.29	/	4.00	13.29	20.0	PASS
		Carrier 2	7.89	/	4.00	11.89	20.0	PASS
	16QAM	Carrier 1	9.22	/	4.00	13.22	20.0	PASS

3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)

Frequency	Modulation	Carrier	2x2 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+10MHz								
LCH	QPSK	Carrier 1	10.79	/	4.00	14.79	20.0	PASS
	QPSK	Carrier 2	12.43	/	4.00	16.43	20.0	PASS
HCH	QPSK	Carrier 1	12.72	/	4.00	16.72	20.0	PASS
	QPSK	Carrier 2	10.54	/	4.00	14.54	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+15MHz								
LCH	QPSK	Carrier 1	9.08	/	4.00	13.08	20.0	PASS
	QPSK	Carrier 2	12.42	/	4.00	16.42	20.0	PASS
HCH	QPSK	Carrier 1	12.66	/	4.00	16.66	20.0	PASS
	QPSK	Carrier 2	9.78	/	4.00	13.78	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+20MHz								
LCH	QPSK	Carrier 1	8.15	/	4.00	12.15	20.0	PASS
	QPSK	Carrier 2	12.49	/	4.00	16.49	20.0	PASS
HCH	QPSK	Carrier 1	12.89	/	4.00	16.89	20.0	PASS
	QPSK	Carrier 2	7.62	/	4.00	11.62	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz+15MHz								
LCH	QPSK	Carrier 1	9.23	/	4.00	13.23	20.0	PASS
	QPSK	Carrier 2	9.57	/	4.00	13.57	20.0	PASS
HCH	QPSK	Carrier 1	10.98	/	4.00	14.98	20.0	PASS
	QPSK	Carrier 2	8.78	/	4.00	12.78	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz+20MHz								
LCH	QPSK	Carrier 1	8.04	/	4.00	12.04	20.0	PASS
	QPSK	Carrier 2	9.54	/	4.00	13.54	20.0	PASS
HCH	QPSK	Carrier 1	10.90	/	4.00	14.90	20.0	PASS
	QPSK	Carrier 2	7.63	/	4.00	11.63	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_15MHz+20MHz								
LCH	QPSK	Carrier 1	8.06	/	4.00	12.06	20.0	PASS
	QPSK	Carrier 2	7.82	/	4.00	11.82	20.0	PASS
HCH	QPSK	Carrier 1	9.10	/	4.00	13.10	20.0	PASS
	QPSK	Carrier 2	6.67	/	4.00	10.67	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)								

For 4x4MIMO :

For 5MHz, need to back off 1dB (16dBm per carrier, 19dBm total power) to meet the Category A CBSD Max EIRP 30dBm/10MHz and Max PSD 20dBm/MHz requirement.

Frequency	Modulation	RB Allocation		4x4 MIMO Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_2 Carriers Contiguous_5MHz Bandwidth										
LCH	QPSK	25	0	24.42	24.42	/	4.00	28.42	30.0	PASS
	16QAM	25	0	24.56	24.56	/	4.00	28.56	30.0	PASS
	64QAM	25	0	24.63	24.63	/	4.00	28.63	30.0	PASS
	256QAM	25	0	24.64	24.64	/	4.00	28.64	30.0	PASS
MCH	QPSK	25	0	25.08	25.08	/	4.00	29.08	30.0	PASS

	16QAM	25	0	25.13	25.13	/	4.00	29.13	30.0	PASS
	64QAM	25	0	25.04	25.04	/	4.00	29.04	30.0	PASS
	256QAM	25	0	25.04	25.04	/	4.00	29.04	30.0	PASS
HCH	QPSK	25	0	24.43	24.43	/	4.00	28.43	30.0	PASS
	16QAM	25	0	24.67	24.67	/	4.00	28.67	30.0	PASS
	64QAM	25	0	24.60	24.60	/	4.00	28.60	30.0	PASS
	256QAM	25	0	24.58	24.58	/	4.00	28.58	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 10MHz Bandwidth										
LCH	QPSK	50	0	26.14	23.01	/	4.00	27.01	30.0	PASS
	16QAM	50	0	25.97	22.89	/	4.00	26.89	30.0	PASS
	64QAM	50	0	25.97	22.85	/	4.00	26.85	30.0	PASS
	256QAM	50	0	25.98	22.84	/	4.00	26.84	30.0	PASS
MCH	QPSK	50	0	26.47	23.45	/	4.00	27.45	30.0	PASS
	16QAM	50	0	26.45	23.41	/	4.00	27.41	30.0	PASS
	64QAM	50	0	26.48	23.48	/	4.00	27.48	30.0	PASS
	256QAM	50	0	26.48	23.51	/	4.00	27.51	30.0	PASS
HCH	QPSK	50	0	25.6	22.61	/	4.00	26.61	30.0	PASS
	16QAM	50	0	25.57	22.52	/	4.00	26.52	30.0	PASS
	64QAM	50	0	25.60	22.65	/	4.00	26.65	30.0	PASS
	256QAM	50	0	25.60	22.66	/	4.00	26.66	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 15MHz Bandwidth										
LCH	QPSK	75	0	25.93	21.67	/	4.00	25.67	30.0	PASS
	16QAM	75	0	25.91	21.72	/	4.00	25.72	30.0	PASS
	64QAM	75	0	25.94	21.69	/	4.00	25.69	30.0	PASS
	256QAM	75	0	25.93	21.68	/	4.00	25.68	30.0	PASS
MCH	QPSK	75	0	26.38	22.26	/	4.00	26.26	30.0	PASS
	16QAM	75	0	26.40	22.39	/	4.00	26.39	30.0	PASS
	64QAM	75	0	26.51	22.35	/	4.00	26.35	30.0	PASS
	256QAM	75	0	26.50	22.28	/	4.00	26.28	30.0	PASS
HCH	QPSK	75	0	25.49	20.91	/	4.00	24.91	30.0	PASS
	16QAM	75	0	25.45	20.94	/	4.00	24.94	30.0	PASS
	64QAM	75	0	25.49	20.93	/	4.00	24.93	30.0	PASS
	256QAM	75	0	25.52	20.96	/	4.00	24.96	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Contiguous _ 20MHz Bandwidth										
LCH	QPSK	100	0	25.99	20.78	/	4.00	24.78	30.0	PASS
	16QAM	100	0	26.08	20.74	/	4.00	24.74	30.0	PASS
	64QAM	100	0	26.1	20.78	/	4.00	24.78	30.0	PASS
	256QAM	100	0	26.09	20.79	/	4.00	24.79	30.0	PASS
MCH	QPSK	100	0	26.55	21.17	/	4.00	25.17	30.0	PASS
	16QAM	100	0	26.56	21.18	/	4.00	25.18	30.0	PASS
	64QAM	100	0	26.56	21.21	/	4.00	25.21	30.0	PASS
	256QAM	100	0	26.55	21.19	/	4.00	25.19	30.0	PASS
HCH	QPSK	100	0	25.66	20.32	/	4.00	24.32	30.0	PASS
	16QAM	100	0	25.67	20.21	/	4.00	24.21	30.0	PASS
	64QAM	100	0	25.69	20.21	/	4.00	24.21	30.0	PASS
	256QAM	100	0	25.67	20.28	/	4.00	24.28	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	Carrier	RB Allocation		4x4 MIMO Conducted Power		Antenna gain		EIRPdB m/10M Hz	Limit (dBm)	Verdict
			Size	Offset	Total Power	Channel Power					
					dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 2 Carriers Non-Contiguous _ 5MHz Bandwidth											
LCH	QPSK	Carrier 1	25	0	24.39	22.32	/	4.00	26.32	30.0	PASS
		Carrier 2	25	0		20.82	/	4.00	24.82	30.0	PASS
	16QAM	Carrier 1	25	0	24.33	21.99	/	4.00	25.99	30.0	PASS
		Carrier 2	25	0		20.95	/	4.00	24.95	30.0	PASS
	64QAM	Carrier 1	25	0	24.36	21.98	/	4.00	25.98	30.0	PASS
		Carrier 2	25	0		20.86	/	4.00	24.86	30.0	PASS
	256QAM	Carrier 1	25	0	24.31	21.95	/	4.00	25.95	30.0	PASS
		Carrier 2	25	0		20.87	/	4.00	24.87	30.0	PASS
HCH	QPSK	Carrier 1	25	0	24.88	22.90	/	4.00	26.90	30.0	PASS
		Carrier 2	25	0		20.73	/	4.00	24.73	30.0	PASS
	16QAM	Carrier 1	25	0	24.93	22.94	/	4.00	26.94	30.0	PASS
		Carrier 2	25	0		20.72	/	4.00	24.72	30.0	PASS
	64QAM	Carrier 1	25	0	24.97	22.95	/	4.00	26.95	30.0	PASS
		Carrier 2	25	0		20.81	/	4.00	24.81	30.0	PASS
	256QAM	Carrier 1	25	0	24.94	22.90	/	4.00	26.90	30.0	PASS
		Carrier 2	25	0		20.74	/	4.00	24.74	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Non-Contiguous _ 10MHz Bandwidth											
LCH	QPSK	Carrier 1	50	0	25.61	23.73	/	4.00	27.73	30.0	PASS
		Carrier 2	50	0		21.99	/	4.00	25.99	30.0	PASS
	16QAM	Carrier 1	50	0	25.77	23.7	/	4.00	27.70	30.0	PASS
		Carrier 2	50	0		21.96	/	4.00	25.96	30.0	PASS
	64QAM	Carrier 1	50	0	25.69	23.71	/	4.00	27.71	30.0	PASS
		Carrier 2	50	0		21.97	/	4.00	25.97	30.0	PASS
	256QAM	Carrier 1	50	0	25.83	23.69	/	4.00	27.69	30.0	PASS
		Carrier 2	50	0		22.01	/	4.00	26.01	30.0	PASS
HCH	QPSK	Carrier 1	50	0	25.24	23.49	/	4.00	27.49	30.0	PASS
		Carrier 2	50	0		21.18	/	4.00	25.18	30.0	PASS
	16QAM	Carrier 1	50	0	25.839	23.46	/	4.00	27.46	30.0	PASS
		Carrier 2	50	0		21.22	/	4.00	25.22	30.0	PASS
	64QAM	Carrier 1	50	0	25.28	23.44	/	4.00	27.44	30.0	PASS
		Carrier 2	50	0		21.21	/	4.00	25.21	30.0	PASS
	256QAM	Carrier 1	50	0	25.44	23.48	/	4.00	27.48	30.0	PASS
		Carrier 2	50	0		21.23	/	4.00	25.23	30.0	PASS
EIRP Test data_Test Band: 48 _ 2 Carriers Non-Contiguous _ 15MHz Bandwidth											
LCH	QPSK	Carrier 1	75	0	26.13	22.41	/	4.00	26.41	30.0	PASS
		Carrier 2	75	0		21.19	/	4.00	25.19	30.0	PASS
	16QAM	Carrier 1	75	0	26.18	22.57	/	4.00	26.57	30.0	PASS
		Carrier 2	75	0		21.31	/	4.00	25.31	30.0	PASS
	64QAM	Carrier 1	75	0	26.15	22.45	/	4.00	26.45	30.0	PASS
		Carrier 2	75	0		21.23	/	4.00	25.23	30.0	PASS
	256QAM	Carrier 1	75	0	26.09	22.47	/	4.00	26.47	30.0	PASS
		Carrier 2	75	0		21.22	/	4.00	25.22	30.0	PASS
HCH	QPSK	Carrier 1	75	0	26.25	22.58	/	4.00	26.58	30.0	PASS

		Carrier 2	75	0		21.13	/	4.00	25.13	30.0	PASS
	16QAM	Carrier 1	75	0	26.37	22.69	/	4.00	26.69	30.0	PASS
		Carrier 2	75	0		21.21	/	4.00	25.21	30.0	PASS
	64QAM	Carrier 1	75	0	26.26	22.57	/	4.00	26.57	30.0	PASS
		Carrier 2	75	0		21.17	/	4.00	25.17	30.0	PASS
	256QAM	Carrier 1	75	0	26.28	22.61	/	4.00	26.61	30.0	PASS
		Carrier 2	75	0		21.15	/	4.00	25.15	30.0	PASS

EIRP Test data Test Band: 48 2 Carriers non-Contiguous 20MHz Bandwidth

2.1.1. Test data: Test Bandwidth = 2 carriers, non-contiguous = 2x10MHz bandwidth.											
LCH	QPSK	Carrier 1	100	0	26.17	21.15	/	4.00	25.15	30.0	PASS
		Carrier 2	100	0		19.92	/	4.00	23.92	30.0	PASS
	16QAM	Carrier 1	100	0	26.24	21.18	/	4.00	25.18	30.0	PASS
		Carrier 2	100	0		19.91	/	4.00	23.91	30.0	PASS
	64QAM	Carrier 1	100	0	26.07	21.24	/	4.00	25.24	30.0	PASS
		Carrier 2	100	0		20.02	/	4.00	24.02	30.0	PASS
	256QAM	Carrier 1	100	0	26.11	21.23	/	4.00	25.23	30.0	PASS
		Carrier 2	100	0		20.01	/	4.00	24.01	30.0	PASS
HCH	QPSK	Carrier 1	100	0	26.32	21.44	/	4.00	25.44	30.0	PASS
		Carrier 2	100	0		20.06	/	4.00	24.06	30.0	PASS
	16QAM	Carrier 1	100	0	26.28	21.56	/	4.00	25.56	30.0	PASS
		Carrier 2	100	0		19.97	/	4.00	23.97	30.0	PASS
	64QAM	Carrier 1	100	0	26.21	21.51	/	4.00	25.51	30.0	PASS
		Carrier 2	100	0		20.03	/	4.00	24.03	30.0	PASS
	256QAM	Carrier 1	100	0	26.38	21.57	/	4.00	25.57	30.0	PASS
		Carrier 2	100	0		20.06	/	4.00	24.06	30.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	4x4 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
		Total Power	Channel Power					
		dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_2 carriers contiguous_5MHz+10MHz								
LCH	QPSK	26.07	24.16	/	4.00	28.16	30.0	PASS
MCH	QPSK	26.34	24.59	/	4.00	28.59	30.0	PASS
HCH	QPSK	25.90	23.93	/	4.00	27.93	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_5MHz+15MHz								
LCH	QPSK	26.17	21.84	/	4.00	25.84	30.0	PASS
MCH	QPSK	26.42	22.14	/	4.00	26.14	30.0	PASS
HCH	QPSK	26.17	21.39	/	4.00	25.39	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_5MHz+20MHz								
LCH	QPSK	26.12	20.75	/	4.00	24.75	30.0	PASS
MCH	QPSK	26.68	20.73	/	4.00	24.73	30.0	PASS
HCH	QPSK	25.93	20.31	/	4.00	24.31	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_10MHz+15MHz								
LCH	QPSK	26.18	22.16	/	4.00	26.16	30.0	PASS
MCH	QPSK	26.54	22.08	/	4.00	26.08	30.0	PASS
HCH	QPSK	25.96	21.87	/	4.00	25.87	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_10MHz+20MHz								
LCH	QPSK	26.24	20.59	/	4.00	24.59	30.0	PASS
MCH	QPSK	26.54	20.39	/	4.00	24.39	30.0	PASS
HCH	QPSK	25.87	20.13	/	4.00	24.13	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers contiguous_15MHz+20MHz								

LCH	QPSK	26.13	20.71	/	4.00	24.71	30.0	PASS
MCH	QPSK	26.59	20.46	/	4.00	24.46	30.0	PASS
HCH	QPSK	26.00	20.37	/	4.00	24.37	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	Carrier	4x4 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
			Total Power	Channel Power					
			dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_2 carriers non-contiguous_5MHz+10MHz									
LCH	QPSK	Carrier 1	26.16	23.79	/	4.00	27.79	30.0	PASS
	QPSK	Carrier 2		22.42	/	4.00	26.42	30.0	PASS
HCH	QPSK	Carrier 1	26.26	24.25	/	4.00	28.25	30.0	PASS
	QPSK	Carrier 2		22.54	/	4.00	26.54	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_5MHz+15MHz									
LCH	QPSK	Carrier 1	26.03	23.27	/	4.00	27.27	30.0	PASS
	QPSK	Carrier 2		22.41	/	4.00	26.41	30.0	PASS
HCH	QPSK	Carrier 1	26.19	24.17	/	4.00	28.17	30.0	PASS
	QPSK	Carrier 2		21.07	/	4.00	25.07	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_5MHz+20MHz									
LCH	QPSK	Carrier 1	26.22	21.26	/	4.00	25.26	30.0	PASS
	QPSK	Carrier 2		22.48	/	4.00	26.48	30.0	PASS
HCH	QPSK	Carrier 1	26.07	23.83	/	4.00	27.83	30.0	PASS
	QPSK	Carrier 2		19.87	/	4.00	23.87	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_10MHz+15MHz									
LCH	QPSK	Carrier 1	26.25	22.39	/	4.00	26.39	30.0	PASS
	QPSK	Carrier 2		22.57	/	4.00	26.57	30.0	PASS
HCH	QPSK	Carrier 1	26.17	24.12	/	4.00	28.12	30.0	PASS
	QPSK	Carrier 2		21.11	/	4.00	25.11	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_10MHz+20MHz									
LCH	QPSK	Carrier 1	26.19	21.18	/	4.00	25.18	30.0	PASS
	QPSK	Carrier 2		22.54	/	4.00	26.54	30.0	PASS
HCH	QPSK	Carrier 1	26.07	23.90	/	4.00	27.90	30.0	PASS
	QPSK	Carrier 2		19.86	/	4.00	23.86	30.0	PASS
EIRP Test data_Test Band: 48_2 carriers non-contiguous_15MHz+20MHz									
LCH	QPSK	Carrier 1	26.21	21.16	/	4.00	25.16	30.0	PASS
	QPSK	Carrier 2		21.23	/	4.00	25.23	30.0	PASS
HCH	QPSK	Carrier 1	26.11	22.62	/	4.00	26.62	30.0	PASS
	QPSK	Carrier 2		19.91	/	4.00	23.91	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	RB Allocation		4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 Carriers Contiguous_5MHz Bandwidth									
LCH	QPSK	25	0	14.92	/	4.00	18.92	20.0	PASS
	16QAM	25	0	15.06	/	4.00	19.06	20.0	PASS
	64QAM	25	0	15.13	/	4.00	19.13	20.0	PASS
	256QAM	25	0	15.14	/	4.00	19.14	20.0	PASS
MCH	QPSK	25	0	15.61	/	4.00	19.61	20.0	PASS

	16QAM	25	0	15.70	/	4.00	19.70	20.0	PASS
	64QAM	25	0	15.54	/	4.00	19.54	20.0	PASS
	256QAM	25	0	15.54	/	4.00	19.54	20.0	PASS
HCH	QPSK	25	0	14.93	/	4.00	18.93	20.0	PASS
	16QAM	25	0	15.17	/	4.00	19.17	20.0	PASS
	64QAM	25	0	15.10	/	4.00	19.10	20.0	PASS
	256QAM	25	0	15.08	/	4.00	19.08	20.0	PASS
PSD Test data_Test Band: 48 _ 2 Carriers Contiguous _ 10MHz Bandwidth									
LCH	QPSK	50	0	13.13	/	4.00	17.13	20.0	PASS
	16QAM	50	0	12.96	/	4.00	16.96	20.0	PASS
	64QAM	50	0	12.96	/	4.00	16.96	20.0	PASS
	256QAM	50	0	12.97	/	4.00	16.97	20.0	PASS
MCH	QPSK	50	0	13.43	/	4.00	17.43	20.0	PASS
	16QAM	50	0	13.44	/	4.00	17.44	20.0	PASS
	64QAM	50	0	13.47	/	4.00	17.47	20.0	PASS
	256QAM	50	0	13.47	/	4.00	17.47	20.0	PASS
HCH	QPSK	50	0	12.59	/	4.00	16.59	20.0	PASS
	16QAM	50	0	12.56	/	4.00	16.56	20.0	PASS
	64QAM	50	0	12.59	/	4.00	16.59	20.0	PASS
	256QAM	50	0	12.59	/	4.00	16.59	20.0	PASS
PSD Test data_Test Band: 48 _ 2 Carriers Contiguous _ 15MHz Bandwidth									
LCH	QPSK	75	0	11.16	/	4.00	15.16	20.0	PASS
	16QAM	75	0	11.14	/	4.00	15.14	20.0	PASS
	64QAM	75	0	11.17	/	4.00	15.17	20.0	PASS
	256QAM	75	0	11.16	/	4.00	15.16	20.0	PASS
MCH	QPSK	75	0	11.61	/	4.00	15.61	20.0	PASS
	16QAM	75	0	11.63	/	4.00	15.63	20.0	PASS
	64QAM	75	0	11.75	/	4.00	15.75	20.0	PASS
	256QAM	75	0	11.73	/	4.00	15.73	20.0	PASS
HCH	QPSK	75	0	10.71	/	4.00	14.71	20.0	PASS
	16QAM	75	0	10.68	/	4.00	14.68	20.0	PASS
	64QAM	75	0	10.72	/	4.00	14.72	20.0	PASS
	256QAM	75	0	10.74	/	4.00	14.74	20.0	PASS
PSD Test data_Test Band: 48 _ 2 Carriers Contiguous _ 20MHz Bandwidth									
LCH	QPSK	100	0	9.97	/	4.00	13.97	20.0	PASS
	16QAM	100	0	10.06	/	4.00	14.06	20.0	PASS
	64QAM	100	0	10.08	/	4.00	14.08	20.0	PASS
	256QAM	100	0	10.07	/	4.00	14.07	20.0	PASS
MCH	QPSK	100	0	10.53	/	4.00	14.53	20.0	PASS
	16QAM	100	0	10.54	/	4.00	14.54	20.0	PASS
	64QAM	100	0	10.54	/	4.00	14.54	20.0	PASS
	256QAM	100	0	10.53	/	4.00	14.53	20.0	PASS
HCH	QPSK	100	0	9.64	/	4.00	13.64	20.0	PASS
	16QAM	100	0	9.65	/	4.00	13.65	20.0	PASS
	64QAM	100	0	9.67	/	4.00	13.67	20.0	PASS
	256QAM	100	0	9.65	/	4.00	13.65	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)									

Frequency	Modulation	Carrier	4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz Bandwidth								
LCH	QPSK	Carrier 1	15.17	/	4.00	19.17	20.0	PASS
		Carrier 2	13.67	/	4.00	17.67	20.0	PASS

	16QAM	Carrier 1	14.78	/	4.00	18.78	20.0	PASS
		Carrier 2	13.75	/	4.00	17.75	20.0	PASS
	64QAM	Carrier 1	14.70	/	4.00	18.70	20.0	PASS
		Carrier 2	13.60	/	4.00	17.60	20.0	PASS
	256QAM	Carrier 1	14.68	/	4.00	18.68	20.0	PASS
		Carrier 2	13.70	/	4.00	17.70	20.0	PASS
HCH	QPSK	Carrier 1	15.71	/	4.00	19.71	20.0	PASS
		Carrier 2	13.54	/	4.00	17.54	20.0	PASS
	16QAM	Carrier 1	15.72	/	4.00	19.72	20.0	PASS
		Carrier 2	13.50	/	4.00	17.50	20.0	PASS
	64QAM	Carrier 1	15.77	/	4.00	19.77	20.0	PASS
		Carrier 2	13.70	/	4.00	17.70	20.0	PASS
	256QAM	Carrier 1	15.67	/	4.00	19.67	20.0	PASS
		Carrier 2	13.49	/	4.00	17.49	20.0	PASS
PSD Test data_Test Band: 48 _2 carriers non-contiguous _ 10MHz Bandwidth								
LCH	QPSK	Carrier 1	14.21	/	4.00	18.21	20.0	PASS
		Carrier 2	12.49	/	4.00	16.49	20.0	PASS
	16QAM	Carrier 1	14.20	/	4.00	18.20	20.0	PASS
		Carrier 2	12.52	/	4.00	16.52	20.0	PASS
	64QAM	Carrier 1	14.21	/	4.00	18.21	20.0	PASS
		Carrier 2	12.47	/	4.00	16.47	20.0	PASS
	256QAM	Carrier 1	14.19	/	4.00	18.19	20.0	PASS
		Carrier 2	12.47	/	4.00	16.47	20.0	PASS
HCH	QPSK	Carrier 1	13.99	/	4.00	17.99	20.0	PASS
		Carrier 2	11.68	/	4.00	15.68	20.0	PASS
	16QAM	Carrier 1	13.96	/	4.00	17.96	20.0	PASS
		Carrier 2	11.72	/	4.00	15.72	20.0	PASS
	64QAM	Carrier 1	13.94	/	4.00	17.94	20.0	PASS
		Carrier 2	11.71	/	4.00	15.71	20.0	PASS
	256QAM	Carrier 1	13.98	/	4.00	17.98	20.0	PASS
		Carrier 2	11.73	/	4.00	15.73	20.0	PASS
PSD Test data_Test Band: 48 _2 carriers non-contiguous _ 15MHz Bandwidth								
LCH	QPSK	Carrier 1	12.19	/	4.00	16.19	20.0	PASS
		Carrier 2	10.74	/	4.00	14.74	20.0	PASS
	16QAM	Carrier 1	12.20	/	4.00	16.20	20.0	PASS
		Carrier 2	10.79	/	4.00	14.79	20.0	PASS
	64QAM	Carrier 1	12.17	/	4.00	16.17	20.0	PASS
		Carrier 2	10.80	/	4.00	14.80	20.0	PASS
	256QAM	Carrier 1	12.20	/	4.00	16.20	20.0	PASS
		Carrier 2	10.76	/	4.00	14.76	20.0	PASS
HCH	QPSK	Carrier 1	12.28	/	4.00	16.28	20.0	PASS
		Carrier 2	10.89	/	4.00	14.89	20.0	PASS
	16QAM	Carrier 1	12.22	/	4.00	16.22	20.0	PASS
		Carrier 2	10.89	/	4.00	14.89	20.0	PASS
	64QAM	Carrier 1	12.19	/	4.00	16.19	20.0	PASS
		Carrier 2	10.86	/	4.00	14.86	20.0	PASS
	256QAM	Carrier 1	12.24	/	4.00	16.24	20.0	PASS
		Carrier 2	10.84	/	4.00	14.84	20.0	PASS
PSD Test data_Test Band: 48 _2 carriers non-contiguous _ 20MHz Bandwidth								
LCH	QPSK	Carrier 1	11.03	/	4.00	15.03	20.0	PASS
		Carrier 2	9.64	/	4.00	13.64	20.0	PASS
	16QAM	Carrier 1	11.03	/	4.00	15.03	20.0	PASS
		Carrier 2	9.68	/	4.00	13.68	20.0	PASS
	64QAM	Carrier 1	11.02	/	4.00	15.02	20.0	PASS
		Carrier 2	9.70	/	4.00	13.70	20.0	PASS
	256QAM	Carrier 1	11.02	/	4.00	15.02	20.0	PASS
		Carrier 2	9.70	/	4.00	13.70	20.0	PASS

		Carrier 2	9.73	/	4.00	13.73	20.0	PASS
HCH	QPSK	Carrier 1	11.00	/	4.00	15.00	20.0	PASS
		Carrier 2	9.83	/	4.00	13.83	20.0	PASS
		Carrier 1	11.01	/	4.00	15.01	20.0	PASS
	16QAM	Carrier 2	9.73	/	4.00	13.73	20.0	PASS
		Carrier 1	11.03	/	4.00	15.03	20.0	PASS
		Carrier 2	9.76	/	4.00	13.76	20.0	PASS
	64QAM	Carrier 1	11.03	/	4.00	15.03	20.0	PASS
		Carrier 2	9.77	/	4.00	13.77	20.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)

Frequency	Modulation	4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
			(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers contiguous_5MHz+10MHz							
LCH	QPSK	15.31	/	4.00	19.31	20.0	PASS
MCH	QPSK	15.64	/	4.00	19.64	20.0	PASS
HCH	QPSK	15.14	/	4.00	19.14	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_5MHz+15MHz							
LCH	QPSK	15.16	/	4.00	19.16	20.0	PASS
MCH	QPSK	15.44	/	4.00	19.44	20.0	PASS
HCH	QPSK	15.16	/	4.00	19.16	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_5MHz+20MHz							
LCH	QPSK	15.15	/	4.00	19.15	20.0	PASS
MCH	QPSK	15.44	/	4.00	19.44	20.0	PASS
HCH	QPSK	14.96	/	4.00	18.96	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_10MHz+15MHz							
LCH	QPSK	13.20	/	4.00	17.20	20.0	PASS
MCH	QPSK	13.52	/	4.00	17.52	20.0	PASS
HCH	QPSK	12.98	/	4.00	16.98	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_10MHz+20MHz							
LCH	QPSK	13.47	/	4.00	17.47	20.0	PASS
MCH	QPSK	13.63	/	4.00	17.63	20.0	PASS
HCH	QPSK	13.10	/	4.00	17.10	20.0	PASS
PSD Test data_Test Band: 48_2 carriers contiguous_15MHz+20MHz							
LCH	QPSK	11.29	/	4.00	15.29	20.0	PASS
MCH	QPSK	11.89	/	4.00	15.89	20.0	PASS
HCH	QPSK	11.56	/	4.00	15.56	20.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)

Frequency	Modulation	Carrier	4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+10MHz								
LCH	QPSK	Carrier 1	12.79	/	4.00	16.79	20.0	PASS
	QPSK	Carrier 2	14.43	/	4.00	18.43	20.0	PASS
HCH	QPSK	Carrier 1	15.71	/	4.00	19.71	20.0	PASS
	QPSK	Carrier 2	11.54	/	4.00	15.54	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz+15MHz								
LCH	QPSK	Carrier 1	11.08	/	4.00	15.08	20.0	PASS
	QPSK	Carrier 2	14.42	/	4.00	18.42	20.0	PASS

HCH	QPSK	Carrier 1	15.60	/	4.00	19.60	20.0	PASS
	QPSK	Carrier 2	9.78	/	4.00	13.78	20.0	PASS
PSD Test data_Test Band: 48 _ 2 carriers non-contiguous _ 5MHz+20MHz								
LCH	QPSK	Carrier 1	10.15	/	4.00	14.15	20.0	PASS
	QPSK	Carrier 2	14.49	/	4.00	18.49	20.0	PASS
HCH	QPSK	Carrier 1	15.89	/	4.00	19.89	20.0	PASS
	QPSK	Carrier 2	8.62	/	4.00	12.62	20.0	PASS
PSD Test data_Test Band: 48 _ 2 carriers non-contiguous _ 10MHz+15MHz								
LCH	QPSK	Carrier 1	12.23	/	4.00	16.23	20.0	PASS
	QPSK	Carrier 2	12.57	/	4.00	16.57	20.0	PASS
HCH	QPSK	Carrier 1	13.97	/	4.00	17.97	20.0	PASS
	QPSK	Carrier 2	11.78	/	4.00	15.78	20.0	PASS
PSD Test data_Test Band: 48 _ 2 carriers non-contiguous _ 10MHz+20MHz								
LCH	QPSK	Carrier 1	11.04	/	4.00	15.04	20.0	PASS
	QPSK	Carrier 2	12.54	/	4.00	16.54	20.0	PASS
HCH	QPSK	Carrier 1	13.89	/	4.00	17.89	20.0	PASS
	QPSK	Carrier 2	9.63	/	4.00	13.63	20.0	PASS
PSD Test data_Test Band: 48 _ 2 carriers non-contiguous _ 15MHz+20MHz								
LCH	QPSK	Carrier 1	11.06	/	4.00	15.06	20.0	PASS
	QPSK	Carrier 2	10.82	/	4.00	14.82	20.0	PASS
HCH	QPSK	Carrier 1	11.11	/	4.00	15.11	20.0	PASS
	QPSK	Carrier 2	9.67	/	4.00	13.67	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)								

1.3 Test result for three carriers per antenna

For SISO:

Frequency	Modulation	RB Allocation		Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 Carriers Contiguous_5MHz Bandwidth										
LCH	QPSK	25	0	19.98	18.29	/	4.00	22.29	30.0	PASS
	16QAM	25	0	19.97	18.28	/	4.00	22.28	30.0	PASS
	64QAM	25	0	19.97	18.21	/	4.00	22.21	30.0	PASS
	256QAM	25	0	19.89	18.17	/	4.00	22.17	30.0	PASS
MCH	QPSK	25	0	20.30	18.66	/	4.00	22.66	30.0	PASS
	16QAM	25	0	20.34	18.71	/	4.00	22.71	30.0	PASS
	64QAM	25	0	20.35	18.76	/	4.00	22.76	30.0	PASS
	256QAM	25	0	20.27	18.51	/	4.00	22.51	30.0	PASS
HCH	QPSK	25	0	19.47	17.67	/	4.00	21.67	30.0	PASS
	16QAM	25	0	19.48	17.62	/	4.00	21.62	30.0	PASS
	64QAM	25	0	19.52	17.63	/	4.00	21.63	30.0	PASS
	256QAM	25	0	19.54	17.67	/	4.00	21.67	30.0	PASS
EIRP Test data_Test Band: 48_3 Carriers Contiguous_10MHz Bandwidth										
LCH	QPSK	50	0	19.98	15.45	/	4.00	19.45	30.0	PASS
	16QAM	50	0	19.98	15.47	/	4.00	19.47	30.0	PASS
	64QAM	50	0	20.02	15.49	/	4.00	19.49	30.0	PASS

	256QAM	50	0	20.02	15.47	/	4.00	19.47	30.0	PASS
MCH	QPSK	50	0	20.61	15.67	/	4.00	19.67	30.0	PASS
	16QAM	50	0	20.57	15.68	/	4.00	19.68	30.0	PASS
	64QAM	50	0	20.62	15.67	/	4.00	19.67	30.0	PASS
	256QAM	50	0	20.62	15.69	/	4.00	19.69	30.0	PASS
HCH	QPSK	50	0	19.64	15.16	/	4.00	19.16	30.0	PASS
	16QAM	50	0	19.65	15.23	/	4.00	19.23	30.0	PASS
	64QAM	50	0	19.68	15.18	/	4.00	19.18	30.0	PASS
	256QAM	50	0	19.68	15.23	/	4.00	19.23	30.0	PASS
EIRP Test data_Test Band: 48_3 Carriers Contiguous_15MHz Bandwidth										
LCH	QPSK	75	0	20.25	14.03	/	4.00	18.03	30.0	PASS
	16QAM	75	0	20.40	14.12	/	4.00	18.12	30.0	PASS
	64QAM	75	0	20.38	14.04	/	4.00	18.04	30.0	PASS
	256QAM	75	0	20.36	14.03	/	4.00	18.03	30.0	PASS
MCH	QPSK	75	0	20.72	14.54	/	4.00	18.54	30.0	PASS
	16QAM	75	0	20.84	14.62	/	4.00	18.62	30.0	PASS
	64QAM	75	0	20.85	14.58	/	4.00	18.58	30.0	PASS
	256QAM	75	0	20.86	14.61	/	4.00	18.61	30.0	PASS
HCH	QPSK	75	0	20.04	13.95	/	4.00	17.95	30.0	PASS
	16QAM	75	0	19.97	13.91	/	4.00	17.91	30.0	PASS
	64QAM	75	0	19.90	13.75	/	4.00	17.75	30.0	PASS
	256QAM	75	0	19.90	13.73	/	4.00	17.73	30.0	PASS
EIRP Test data_Test Band: 48_3 Carriers Contiguous_20MHz Bandwidth										
LCH	QPSK	100	0	20.23	12.41	/	4.00	16.41	30.0	PASS
	16QAM	100	0	20.21	12.38	/	4.00	16.38	30.0	PASS
	64QAM	100	0	20.16	12.45	/	4.00	16.45	30.0	PASS
	256QAM	100	0	20.07	12.43	/	4.00	16.43	30.0	PASS
MCH	QPSK	100	0	20.53	13.36	/	4.00	17.36	30.0	PASS
	16QAM	100	0	20.53	13.29	/	4.00	17.29	30.0	PASS
	64QAM	100	0	20.54	13.25	/	4.00	17.25	30.0	PASS
	256QAM	100	0	20.54	13.31	/	4.00	17.31	30.0	PASS
HCH	QPSK	100	0	19.52	11.76	/	4.00	15.76	30.0	PASS
	16QAM	100	0	19.53	11.63	/	4.00	15.63	30.0	PASS
	64QAM	100	0	19.52	11.73	/	4.00	15.73	30.0	PASS
	256QAM	100	0	19.55	11.71	/	4.00	15.71	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB										

Frequency	Modulation	Carrier	RB Allocation		Conducted Power		Antenna gain		EIRPdB m/10M Hz	Limit (dBm)	Verdict
			Size	Offset	Total Power	Channel Power					
					dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 Carriers non-Contiguous_5MHz Bandwidth											
LCH	QPSK	Carrier 1	25	0	20.44	16.78	/	4.00	20.78	30.0	PASS
		Carrier 2	25	0		15.41	/	4.00	19.41	30.0	PASS
		Carrier 3	25	0		14.29	/	4.00	18.29	30.0	PASS
	16QAM	Carrier 1	25	0	20.37	16.73	/	4.00	20.73	30.0	PASS
		Carrier 2	25	0		15.34	/	4.00	19.34	30.0	PASS

		Carrier 3	25	0	20.48	14.89	/	4.00	18.89	30.0	PASS	
	64QAM	Carrier 1	25	0		16.84	/	4.00	20.84	30.0	PASS	
		Carrier 2	25	0		15.39	/	4.00	19.39	30.0	PASS	
		Carrier 3	25	0		15.00	/	4.00	19.00	30.0	PASS	
	256QAM	Carrier 1	25	0	20.45	16.82	/	4.00	20.82	30.0	PASS	
		Carrier 2	25	0		15.36	/	4.00	19.36	30.0	PASS	
		Carrier 3	25	0		14.98	/	4.00	18.98	30.0	PASS	
	HCH	QPSK	Carrier 1	25	0	20.19	16.48	/	4.00	20.48	30.0	PASS
			Carrier 2	25	0		15.64	/	4.00	19.64	30.0	PASS
Carrier 3			25	0	14.79		/	4.00	18.79	30.0	PASS	
Carrier 1			25	0	20.16		16.45	/	4.00	20.45	30.0	PASS
Carrier 2		25	0	15.60		/	4.00	19.60	30.0	PASS		
Carrier 3		25	0	14.78		/	4.00	18.78	30.0	PASS		
64QAM		Carrier 1	25	0	20.22	16.53	/	4.00	20.53	30.0	PASS	
		Carrier 2	25	0		15.59	/	4.00	19.59	30.0	PASS	
		Carrier 3	25	0		14.77	/	4.00	18.77	30.0	PASS	
256QAM		Carrier 1	25	0	20.17	16.51	/	4.00	20.51	30.0	PASS	
		Carrier 2	25	0		15.62	/	4.00	19.62	30.0	PASS	
		Carrier 3	25	0		14.77	/	4.00	18.77	30.0	PASS	
EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 10MHz Bandwidth												
LCH	QPSK	Carrier 1	50	0	20.06	16.17	/	4.00	20.17	30.0	PASS	
		Carrier 2	50	0		15.58	/	4.00	19.58	30.0	PASS	
		Carrier 3	50	0		14.64	/	4.00	18.64	30.0	PASS	
	16QAM	Carrier 1	50	0	20.11	16.31	/	4.00	20.31	30.0	PASS	
		Carrier 2	50	0		15.67	/	4.00	19.67	30.0	PASS	
		Carrier 3	50	0		14.66	/	4.00	18.66	30.0	PASS	
	64QAM	Carrier 1	50	0	20.07	16.35	/	4.00	20.35	30.0	PASS	
		Carrier 2	50	0		15.64	/	4.00	19.64	30.0	PASS	
		Carrier 3	50	0		14.67	/	4.00	18.67	30.0	PASS	
	256QAM	Carrier 1	50	0	20.14	16.22	/	4.00	20.22	30.0	PASS	
		Carrier 2	50	0		15.65	/	4.00	19.65	30.0	PASS	
		Carrier 3	50	0		14.67	/	4.00	18.67	30.0	PASS	
HCH	QPSK	Carrier 1	50	0	20.31	16.80	/	4.00	20.80	30.0	PASS	
		Carrier 2	50	0		15.57	/	4.00	19.57	30.0	PASS	
		Carrier 3	50	0		14.49	/	4.00	18.49	30.0	PASS	
	16QAM	Carrier 1	50	0	20.28	16.67	/	4.00	20.67	30.0	PASS	
		Carrier 2	50	0		15.60	/	4.00	19.60	30.0	PASS	
		Carrier 3	50	0		14.54	/	4.00	18.54	30.0	PASS	
	64QAM	Carrier 1	50	0	20.35	16.67	/	4.00	20.67	30.0	PASS	
		Carrier 2	50	0		15.63	/	4.00	19.63	30.0	PASS	
		Carrier 3	50	0		14.46	/	4.00	18.46	30.0	PASS	
	256QAM	Carrier 1	50	0	20.33	16.82	/	4.00	20.82	30.0	PASS	
		Carrier 2	50	0		15.58	/	4.00	19.58	30.0	PASS	
		Carrier 3	50	0		14.49	/	4.00	18.49	30.0	PASS	
EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 15MHz Bandwidth												
LCH	QPSK	Carrier 1	75	0	19.99	14.59	/	4.00	18.59	30.0	PASS	
		Carrier 2	75	0		14.19	/	4.00	18.19	30.0	PASS	
		Carrier 3	75	0		13.12	/	4.00	17.12	30.0	PASS	
	16QAM	Carrier 1	75	0	20.07	14.71	/	4.00	18.71	30.0	PASS	
		Carrier 2	75	0		14.29	/	4.00	18.29	30.0	PASS	
		Carrier 3	75	0		13.28	/	4.00	17.28	30.0	PASS	

HCH	64QAM	Carrier 1	75	0	19.99	14.59	/	4.00	18.59	30.0	PASS
		Carrier 2	75	0		14.21	/	4.00	18.21	30.0	PASS
		Carrier 3	75	0		13.14	/	4.00	17.14	30.0	PASS
	256QAM	Carrier 1	75	0	20.02	14.61	/	4.00	18.61	30.0	PASS
		Carrier 2	75	0		14.16	/	4.00	18.16	30.0	PASS
		Carrier 3	75	0		13.19	/	4.00	17.19	30.0	PASS
	QPSK	Carrier 1	75	0	20.29	15.72	/	4.00	19.72	30.0	PASS
		Carrier 2	75	0		14.23	/	4.00	18.23	30.0	PASS
		Carrier 3	75	0		13.04	/	4.00	17.04	30.0	PASS
HCH	16QAM	Carrier 1	75	0	20.31	15.89	/	4.00	19.89	30.0	PASS
		Carrier 2	75	0		14.36	/	4.00	18.36	30.0	PASS
		Carrier 3	75	0		13.15	/	4.00	17.15	30.0	PASS
	64QAM	Carrier 1	75	0	20.25	15.72	/	4.00	19.72	30.0	PASS
		Carrier 2	75	0		14.19	/	4.00	18.19	30.0	PASS
		Carrier 3	75	0		13.07	/	4.00	17.07	30.0	PASS
	256QAM	Carrier 1	75	0	20.27	15.75	/	4.00	19.75	30.0	PASS
		Carrier 2	75	0		14.26	/	4.00	18.26	30.0	PASS
		Carrier 3	75	0		13.08	/	4.00	17.08	30.0	PASS

EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 20MHz Bandwidth

LCH	QPSK	Carrier 1	100	0	20.11	13.32	/	4.00	17.32	30.0	PASS
		Carrier 2	100	0		13.08	/	4.00	17.08	30.0	PASS
		Carrier 3	100	0		12.42	/	4.00	16.42	30.0	PASS
	16QAM	Carrier 1	100	0	20.15	13.26	/	4.00	17.26	30.0	PASS
		Carrier 2	100	0		13.03	/	4.00	17.03	30.0	PASS
		Carrier 3	100	0		12.39	/	4.00	16.39	30.0	PASS
	64QAM	Carrier 1	100	0	20.19	13.31	/	4.00	17.31	30.0	PASS
		Carrier 2	100	0		13.12	/	4.00	17.12	30.0	PASS
		Carrier 3	100	0		12.41	/	4.00	16.41	30.0	PASS
	256QAM	Carrier 1	100	0	20.09	13.27	/	4.00	17.27	30.0	PASS
		Carrier 2	100	0		13.11	/	4.00	17.11	30.0	PASS
		Carrier 3	100	0		12.45	/	4.00	16.45	30.0	PASS
HCH	QPSK	Carrier 1	100	0	20.13	13.65	/	4.00	17.65	30.0	PASS
		Carrier 2	100	0		13.14	/	4.00	17.14	30.0	PASS
		Carrier 3	100	0		11.94	/	4.00	15.94	30.0	PASS
	16QAM	Carrier 1	100	0	20.17	13.58	/	4.00	17.58	30.0	PASS
		Carrier 2	100	0		13.03	/	4.00	17.03	30.0	PASS
		Carrier 3	100	0		11.92	/	4.00	15.92	30.0	PASS
	64QAM	Carrier 1	100	0	20.08	13.64	/	4.00	17.64	30.0	PASS
		Carrier 2	100	0		13.12	/	4.00	17.12	30.0	PASS
		Carrier 3	100	0		11.98	/	4.00	15.98	30.0	PASS
	256QAM	Carrier 1	100	0	20.15	13.72	/	4.00	17.72	30.0	PASS
		Carrier 2	100	0		13.11	/	4.00	17.11	30.0	PASS
		Carrier 3	100	0		11.95	/	4.00	15.95	30.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB

Frequency	Modulation	Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
		Total Power	Channel Power					
		dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+15MHz								
LCH	QPSK	20.18	16.96	/	4.00	20.96	30.0	PASS

MCH	QPSK	20.50	16.92	/	4.00	20.92	30.0	PASS
HCH	QPSK	20.00	16.84	/	4.00	20.84	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+20MHz								
LCH	QPSK	20.11	15.24	/	4.00	19.24	30.0	PASS
MCH	QPSK	20.61	15.48	/	4.00	19.48	30.0	PASS
HCH	QPSK	19.97	16.31	/	4.00	20.31	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers contiguous_5MHz+15MHz+20MHz								
LCH	QPSK	20.13	16.39	/	4.00	2.39	30.0	PASS
MCH	QPSK	20.48	16.73	/	4.00	20.73	30.0	PASS
HCH	QPSK	20.01	16.42	/	4.00	20.42	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers contiguous_10MHz+15MHz+20 MHz								
LCH	QPSK	19.92	14.37	/	4.00	18.37	30.0	PASS
MCH	QPSK	20.52	15.18	/	4.00	19.18	30.0	PASS
HCH	QPSK	20.20	14.98	/	4.00	18.98	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB								

Frequency	Modulation	Carrier	Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
			Total Power	Channel Power	(dBd)	(dBi)			
			dBm	dBm/10MHz					
EIRP Test data_Test Band: 48 _2 carriers non-contiguous _ 5MHz+10MHz									
EIRP Test data_Test Band: 48 _3 carriers non-contiguous _ 5MHz+10MHz+15MHz									
LCH	QPSK	Carrier 1	20.16	14.54	/	4.00	18.54	30.0	PASS
	QPSK	Carrier 2		15.45	/	4.00	19.45	30.0	PASS
	QPSK	Carrier 3		15.03	/	4.00	19.03	30.0	PASS
HCH	QPSK	Carrier 1	20.08	15.96	/	4.00	19.96	30.0	PASS
	QPSK	Carrier 2		15.96	/	4.00	19.96	30.0	PASS
	QPSK	Carrier 3		13.22	/	4.00	17.22	30.0	PASS
EIRP Test data_Test Band: 48 _3 carriers non-contiguous _ 5MHz+10MHz+20MHz									
LCH	QPSK	Carrier 1	20.22	13.34	/	4.00	17.34	30.0	PASS
	QPSK	Carrier 2		15.48	/	4.00	19.48	30.0	PASS
	QPSK	Carrier 3		15.09	/	4.00	19.09	30.0	PASS
HCH	QPSK	Carrier 1	20.13	16.26	/	4.00	20.26	30.0	PASS
	QPSK	Carrier 2		15.74	/	4.00	19.74	30.0	PASS
	QPSK	Carrier 3		11.98	/	4.00	15.98	30.0	PASS
EIRP Test data_Test Band: 48 _3 carriers non-contiguous _ 5MHz+15MHz+20MHz									
LCH	QPSK	Carrier 1	20.18	13.33	/	4.00	17.33	30.0	PASS
	QPSK	Carrier 2		15.51	/	4.00	19.51	30.0	PASS
	QPSK	Carrier 3		13.67	/	4.00	17.67	30.0	PASS
HCH	QPSK	Carrier 1	20.17	14.83	/	4.00	18.83	30.0	PASS
	QPSK	Carrier 2		15.64	/	4.00	19.64	30.0	PASS
	QPSK	Carrier 3		11.95	/	4.00	15.95	30.0	PASS
EIRP Test data_Test Band: 48 _3 carriers non-contiguous _ 10MHz+15MHz+20MHz									
LCH	QPSK	Carrier 1	20.19	13.33	/	4.00	17.33	30.0	PASS
	QPSK	Carrier 2		15.71	/	4.00	19.71	30.0	PASS
	QPSK	Carrier 3		13.69	/	4.00	17.69	30.0	PASS
HCH	QPSK	Carrier 1	20.09	14.86	/	4.00	18.86	30.0	PASS
	QPSK	Carrier 2		15.71	/	4.00	19.71	30.0	PASS
	QPSK	Carrier 3		11.89	/	4.00	15.89	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB									

Frequency	Modulation	RB Allocation		PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data _Test Band: 48 _3 Carriers Contiguous _5MHz Bandwidth									
LCH	QPSK	25	0	8.22	/	4.00	12.22	20.0	PASS
	16QAM	25	0	8.21	/	4.00	12.21	20.0	PASS
	64QAM	25	0	8.21	/	4.00	12.21	20.0	PASS
	256QAM	25	0	8.13	/	4.00	12.13	20.0	PASS
MCH	QPSK	25	0	8.54	/	4.00	12.54	20.0	PASS
	16QAM	25	0	8.55	/	4.00	12.55	20.0	PASS
	64QAM	25	0	8.55	/	4.00	12.55	20.0	PASS
	256QAM	25	0	8.51	/	4.00	12.51	20.0	PASS
HCH	QPSK	25	0	7.71	/	4.00	11.71	20.0	PASS
	16QAM	25	0	7.72	/	4.00	11.72	20.0	PASS
	64QAM	25	0	7.76	/	4.00	11.76	20.0	PASS
	256QAM	25	0	7.78	/	4.00	11.78	20.0	PASS
PSD Test data _Test Band: 48 _3 Carriers Contiguous _10MHz Bandwidth									
LCH	QPSK	50	0	5.21	/	4.00	9.21	20.0	PASS
	16QAM	50	0	5.21	/	4.00	9.21	20.0	PASS
	64QAM	50	0	5.25	/	4.00	9.25	20.0	PASS
	256QAM	50	0	5.24	/	4.00	9.24	20.0	PASS
MCH	QPSK	50	0	5.84	/	4.00	9.84	20.0	PASS
	16QAM	50	0	5.80	/	4.00	9.80	20.0	PASS
	64QAM	50	0	5.85	/	4.00	9.85	20.0	PASS
	256QAM	50	0	5.85	/	4.00	9.85	20.0	PASS
HCH	QPSK	50	0	4.87	/	4.00	8.87	20.0	PASS
	16QAM	50	0	4.88	/	4.00	8.88	20.0	PASS
	64QAM	50	0	4.91	/	4.00	8.91	20.0	PASS
	256QAM	50	0	4.91	/	4.00	8.91	20.0	PASS
PSD Test data _Test Band: 48 _3 Carriers Contiguous _15MHz Bandwidth									
LCH	QPSK	75	0	3.72	/	4.00	7.72	20.0	PASS
	16QAM	75	0	3.86	/	4.00	7.86	20.0	PASS
	64QAM	75	0	3.85	/	4.00	7.85	20.0	PASS
	256QAM	75	0	3.83	/	4.00	7.83	20.0	PASS
MCH	QPSK	75	0	4.23	/	4.00	8.23	20.0	PASS
	16QAM	75	0	4.31	/	4.00	8.31	20.0	PASS
	64QAM	75	0	4.32	/	4.00	8.32	20.0	PASS
	256QAM	75	0	4.33	/	4.00	8.33	20.0	PASS
HCH	QPSK	75	0	3.51	/	4.00	7.51	20.0	PASS
	16QAM	75	0	3.44	/	4.00	7.44	20.0	PASS
	64QAM	75	0	3.36	/	4.00	7.36	20.0	PASS
	256QAM	75	0	3.37	/	4.00	7.37	20.0	PASS
PSD Test data _Test Band: 48 _3 Carriers Contiguous _20MHz Bandwidth									
LCH	QPSK	100	0	2.45	/	4.00	6.45	20.0	PASS
	16QAM	100	0	2.43	/	4.00	6.43	20.0	PASS
	64QAM	100	0	2.38	/	4.00	6.38	20.0	PASS
	256QAM	100	0	2.29	/	4.00	6.29	20.0	PASS
MCH	QPSK	100	0	2.74	/	4.00	6.74	20.0	PASS
	16QAM	100	0	2.75	/	4.00	6.75	20.0	PASS
	64QAM	100	0	2.77	/	4.00	6.77	20.0	PASS
	256QAM	100	0	2.76	/	4.00	6.76	20.0	PASS
HCH	QPSK	100	0	1.74	/	4.00	5.74	20.0	PASS
	16QAM	100	0	1.75	/	4.00	5.75	20.0	PASS
	64QAM	100	0	1.74	/	4.00	5.74	20.0	PASS
	256QAM	100	0	1.77	/	4.00	5.77	20.0	PASS
Note: 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)									

2) Full RB test mode has the max power so only show power of full RB

Frequency	Modulation	Carrier	PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz Bandwidth								
LCH	QPSK	Carrier 1	9.81	/	4.00	13.81	20.0	PASS
		Carrier 2	8.42	/	4.00	12.42	20.0	PASS
		Carrier 3	7.93	/	4.00	11.93	20.0	PASS
	16QAM	Carrier 1	9.74	/	4.00	13.74	20.0	PASS
		Carrier 2	8.35	/	4.00	12.35	20.0	PASS
		Carrier 3	7.90	/	4.00	11.90	20.0	PASS
	64QAM	Carrier 1	9.83	/	4.00	13.83	20.0	PASS
		Carrier 2	8.40	/	4.00	12.40	20.0	PASS
		Carrier 3	8.01	/	4.00	12.01	20.0	PASS
	256QAM	Carrier 1	9.83	/	4.00	13.83	20.0	PASS
		Carrier 2	8.38	/	4.00	12.38	20.0	PASS
		Carrier 3	7.99	/	4.00	11.99	20.0	PASS
HCH	QPSK	Carrier 1	9.49	/	4.00	13.49	20.0	PASS
		Carrier 2	8.65	/	4.00	12.65	20.0	PASS
		Carrier 3	7.80	/	4.00	11.80	20.0	PASS
	16QAM	Carrier 1	9.46	/	4.00	13.46	20.0	PASS
		Carrier 2	8.61	/	4.00	12.61	20.0	PASS
		Carrier 3	7.79	/	4.00	11.79	20.0	PASS
	64QAM	Carrier 1	9.54	/	4.00	13.54	20.0	PASS
		Carrier 2	8.60	/	4.00	12.60	20.0	PASS
		Carrier 3	7.78	/	4.00	11.78	20.0	PASS
	256QAM	Carrier 1	9.52	/	4.00	13.52	20.0	PASS
		Carrier 2	8.63	/	4.00	12.63	20.0	PASS
		Carrier 3	7.79	/	4.00	11.79	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz Bandwidth								
LCH	QPSK	Carrier 1	6.17	/	4.00	10.17	20.0	PASS
		Carrier 2	5.58	/	4.00	9.58	20.0	PASS
		Carrier 3	4.64	/	4.00	8.64	20.0	PASS
	16QAM	Carrier 1	6.31	/	4.00	10.31	20.0	PASS
		Carrier 2	5.67	/	4.00	9.67	20.0	PASS
		Carrier 3	4.66	/	4.00	8.66	20.0	PASS
	64QAM	Carrier 1	6.35	/	4.00	10.35	20.0	PASS
		Carrier 2	5.64	/	4.00	9.64	20.0	PASS
		Carrier 3	4.67	/	4.00	8.67	20.0	PASS
	256QAM	Carrier 1	6.22	/	4.00	10.22	20.0	PASS
		Carrier 2	5.65	/	4.00	9.65	20.0	PASS
		Carrier 3	4.67	/	4.00	8.67	20.0	PASS
HCH	QPSK	Carrier 1	6.83	/	4.00	10.83	20.0	PASS
		Carrier 2	5.57	/	4.00	9.57	20.0	PASS
		Carrier 3	4.49	/	4.00	8.49	20.0	PASS
	16QAM	Carrier 1	6.67	/	4.00	10.67	20.0	PASS
		Carrier 2	5.61	/	4.00	9.61	20.0	PASS
		Carrier 3	4.54	/	4.00	8.54	20.0	PASS
	64QAM	Carrier 1	6.68	/	4.00	10.68	20.0	PASS
		Carrier 2	5.63	/	4.00	9.63	20.0	PASS
		Carrier 3	4.46	/	4.00	8.46	20.0	PASS
	256QAM	Carrier 1	6.81	/	4.00	10.81	20.0	PASS
		Carrier 2	5.59	/	4.00	9.59	20.0	PASS
		Carrier 3	4.49	/	4.00	8.49	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_15MHz Bandwidth								
LCH	QPSK	Carrier 1	4.38	/	4.00	8.38	20.0	PASS

		Carrier 2	3.71	/	4.00	7.71	20.0	PASS
		Carrier 3	2.73	/	4.00	6.73	20.0	PASS
		16QAM	Carrier 1	4.40	/	4.00	8.40	20.0
	Carrier 2		3.75	/	4.00	7.75	20.0	PASS
	Carrier 3		2.72	/	4.00	6.72	20.0	PASS
	64QAM	Carrier 1	4.38	/	4.00	8.38	20.0	PASS
		Carrier 2	3.69	/	4.00	7.69	20.0	PASS
		Carrier 3	2.75	/	4.00	6.75	20.0	PASS
	256QAM	Carrier 1	4.36	/	4.00	8.36	20.0	PASS
		Carrier 2	3.69	/	4.00	7.69	20.0	PASS
		Carrier 3	2.74	/	4.00	6.74	20.0	PASS
	HCH	QPSK	Carrier 1	5.23	/	4.00	9.23	20.0
Carrier 2			3.75	/	4.00	7.75	20.0	PASS
Carrier 3			2.78	/	4.00	6.78	20.0	PASS
16QAM		Carrier 1	5.26	/	4.00	9.26	20.0	PASS
		Carrier 2	3.75	/	4.00	7.75	20.0	PASS
		Carrier 3	2.79	/	4.00	6.79	20.0	PASS
64QAM		Carrier 1	5.26	/	4.00	9.26	20.0	PASS
		Carrier 2	3.79	/	4.00	7.79	20.0	PASS
		Carrier 3	2.82	/	4.00	6.82	20.0	PASS
256QAM		Carrier 1	5.25	/	4.00	9.25	20.0	PASS
		Carrier 2	3.76	/	4.00	7.76	20.0	PASS
		Carrier 3	2.79	/	4.00	6.79	20.0	PASS
PSD Test data_Test Band: 48 _2 carriers non-contiguous _ 20MHz Bandwidth								
LCH	QPSK	Carrier 1	3.20	/	4.00	7.20	20.0	PASS
		Carrier 2	2.57	/	4.00	6.57	20.0	PASS
		Carrier 3	1.75	/	4.00	5.75	20.0	PASS
	16QAM	Carrier 1	3.12	/	4.00	7.12	20.0	PASS
		Carrier 2	2.55	/	4.00	6.55	20.0	PASS
		Carrier 3	1.74	/	4.00	5.74	20.0	PASS
	64QAM	Carrier 1	3.14	/	4.00	7.14	20.0	PASS
		Carrier 2	2.61	/	4.00	6.61	20.0	PASS
		Carrier 3	1.80	/	4.00	5.80	20.0	PASS
	256QAM	Carrier 1	3.14	/	4.00	7.14	20.0	PASS
		Carrier 2	2.58	/	4.00	6.58	20.0	PASS
		Carrier 3	1.77	/	4.00	5.77	20.0	PASS
HCH	QPSK	Carrier 1	3.30	/	4.00	7.30	20.0	PASS
		Carrier 2	2.69	/	4.00	6.69	20.0	PASS
		Carrier 3	1.75	/	4.00	5.75	20.0	PASS
	16QAM	Carrier 1	3.27	/	4.00	7.27	20.0	PASS
		Carrier 2	2.63	/	4.00	6.63	20.0	PASS
		Carrier 3	1.71	/	4.00	5.71	20.0	PASS
	64QAM	Carrier 1	3.33	/	4.00	7.33	20.0	PASS
		Carrier 2	2.65	/	4.00	6.65	20.0	PASS
		Carrier 3	1.80	/	4.00	5.80	20.0	PASS
	256QAM	Carrier 1	3.33	/	4.00	7.33	20.0	PASS
		Carrier 2	2.64	/	4.00	6.64	20.0	PASS
		Carrier 3	1.78	/	4.00	5.78	20.0	PASS

Frequency	Modulation	PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
			(dBd)	(dBi)			
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+15MHz							
LCH	QPSK	7.41	/	4.00	11.41	20.0	PASS
MCH	QPSK	7.91	/	4.00	11.91	20.0	PASS
HCH	QPSK	7.23	/	4.00	11.23	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+20MHz							

LCH	QPSK	7.47	/	4.00	11.47	20.0	PASS
MCH	QPSK	7.93	/	4.00	11.93	20.0	PASS
HCH	QPSK	7.53	/	4.00	11.53	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+15MHz+20MHz							
LCH	QPSK	7.11	/	4.00	11.11	20.0	PASS
MCH	QPSK	7.92	/	4.00	11.92	20.0	PASS
HCH	QPSK	6.99	/	4.00	10.99	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_10MHz+15MHz+20 MHz							
LCH	QPSK	4.38	/	4.00	8.38	20.0	PASS
MCH	QPSK	4.93	/	4.00	8.93	20.0	PASS
HCH	QPSK	4.67	/	4.00	8.67	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB							

Frequency	Modulation	Carrier	PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_3 carriers non-contiguous_5MHz+10MHz+15MHz								
LCH	QPSK	Carrier 1	4.34	/	4.00	8.34	20.0	PASS
	QPSK	Carrier 2	8.46	/	4.00	12.46	20.0	PASS
	QPSK	Carrier 3	5.03	/	4.00	9.03	20.0	PASS
HCH	QPSK	Carrier 1	5.96	/	4.00	9.96	20.0	PASS
	QPSK	Carrier 2	8.94	/	4.00	12.94	20.0	PASS
	QPSK	Carrier 3	2.97	/	4.00	6.97	20.0	PASS
PSD Test data_Test Band: 48_3 carriers non-contiguous_5MHz+10MHz+20MHz								
LCH	QPSK	Carrier 1	3.18	/	4.00	7.18	20.0	PASS
	QPSK	Carrier 2	8.49	/	4.00	12.49	20.0	PASS
	QPSK	Carrier 3	5.09	/	4.00	9.09	20.0	PASS
HCH	QPSK	Carrier 1	6.26	/	4.00	10.26	20.0	PASS
	QPSK	Carrier 2	8.67	/	4.00	12.67	20.0	PASS
	QPSK	Carrier 3	1.80	/	4.00	5.80	20.0	PASS
PSD Test data_Test Band: 48_3 carriers non-contiguous_5MHz+15MHz+20MHz								
LCH	QPSK	Carrier 1	3.19	/	4.00	7.19	20.0	PASS
	QPSK	Carrier 2	8.52	/	4.00	12.52	20.0	PASS
	QPSK	Carrier 3	3.17	/	4.00	7.17	20.0	PASS
HCH	QPSK	Carrier 1	4.58	/	4.00	8.58	20.0	PASS
	QPSK	Carrier 2	8.70	/	4.00	12.70	20.0	PASS
	QPSK	Carrier 3	1.71	/	4.00	5.71	20.0	PASS
PSD Test data_Test Band: 48_3 carriers non-contiguous_10MHz+15MHz+20 MHz								
LCH	QPSK	Carrier 1	3.19	/	4.00	7.19	20.0	PASS
	QPSK	Carrier 2	5.71	/	4.00	9.71	20.0	PASS
	QPSK	Carrier 3	3.17	/	4.00	7.17	20.0	PASS
HCH	QPSK	Carrier 1	4.50	/	4.00	9.50	20.0	PASS
	QPSK	Carrier 2	5.72	/	4.00	9.72	20.0	PASS
	QPSK	Carrier 3	1.72	/	4.00	5.72	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB								

For 2x2MIMO:

Frequency	Modulation	RB Allocation		2x2 MIMO Conducted Power		Antenna gain	EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power				

				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 3 Carriers Contiguous _ 5MHz Bandwidth										
LCH	QPSK	25	0	22.98	21.29	/	4.00	25.29	30.0	PASS
	16QAM	25	0	22.97	21.28	/	4.00	25.28	30.0	PASS
	64QAM	25	0	22.97	21.21	/	4.00	25.21	30.0	PASS
	256QAM	25	0	22.89	21.17	/	4.00	25.17	30.0	PASS
MCH	QPSK	25	0	23.30	21.66	/	4.00	25.66	30.0	PASS
	16QAM	25	0	23.34	21.71	/	4.00	25.71	30.0	PASS
	64QAM	25	0	23.35	21.76	/	4.00	25.76	30.0	PASS
	256QAM	25	0	23.27	21.51	/	4.00	25.51	30.0	PASS
HCH	QPSK	25	0	22.47	20.67	/	4.00	24.67	30.0	PASS
	16QAM	25	0	22.48	20.62	/	4.00	24.62	30.0	PASS
	64QAM	25	0	22.52	20.63	/	4.00	24.63	30.0	PASS
	256QAM	25	0	22.54	20.67	/	4.00	24.67	30.0	PASS
EIRP Test data_Test Band: 48 _ 3 Carriers Contiguous _ 10MHz Bandwidth										
LCH	QPSK	50	0	22.98	18.45	/	4.00	22.45	30.0	PASS
	16QAM	50	0	22.98	18.47	/	4.00	22.47	30.0	PASS
	64QAM	50	0	23.02	18.49	/	4.00	22.49	30.0	PASS
	256QAM	50	0	23.02	18.47	/	4.00	22.47	30.0	PASS
MCH	QPSK	50	0	23.61	18.67	/	4.00	22.67	30.0	PASS
	16QAM	50	0	23.57	18.68	/	4.00	22.68	30.0	PASS
	64QAM	50	0	23.62	18.67	/	4.00	22.67	30.0	PASS
	256QAM	50	0	23.62	18.69	/	4.00	22.69	30.0	PASS
HCH	QPSK	50	0	22.64	18.16	/	4.00	22.16	30.0	PASS
	16QAM	50	0	22.65	18.23	/	4.00	22.23	30.0	PASS
	64QAM	50	0	22.68	18.18	/	4.00	22.18	30.0	PASS
	256QAM	50	0	22.68	18.23	/	4.00	22.23	30.0	PASS
EIRP Test data_Test Band: 48 _ 3 Carriers Contiguous _ 15MHz Bandwidth										
LCH	QPSK	75	0	23.25	17.03	/	4.00	21.03	30.0	PASS
	16QAM	75	0	23.40	17.12	/	4.00	21.12	30.0	PASS
	64QAM	75	0	23.38	17.04	/	4.00	21.04	30.0	PASS
	256QAM	75	0	23.36	17.03	/	4.00	21.03	30.0	PASS
MCH	QPSK	75	0	23.72	17.54	/	4.00	21.54	30.0	PASS
	16QAM	75	0	23.84	17.62	/	4.00	21.62	30.0	PASS
	64QAM	75	0	23.85	17.58	/	4.00	21.58	30.0	PASS
	256QAM	75	0	23.86	17.61	/	4.00	21.61	30.0	PASS
HCH	QPSK	75	0	23.04	16.95	/	4.00	20.95	30.0	PASS
	16QAM	75	0	22.97	16.91	/	4.00	20.91	30.0	PASS
	64QAM	75	0	22.9	16.75	/	4.00	20.75	30.0	PASS
	256QAM	75	0	22.9	16.73	/	4.00	20.73	30.0	PASS
EIRP Test data_Test Band: 48 _ 3 Carriers Contiguous _ 20MHz Bandwidth										
LCH	QPSK	100	0	23.23	15.41	/	4.00	19.41	30.0	PASS
	16QAM	100	0	23.21	15.38	/	4.00	19.38	30.0	PASS
	64QAM	100	0	23.16	15.45	/	4.00	19.45	30.0	PASS
	256QAM	100	0	23.07	15.43	/	4.00	19.43	30.0	PASS
MCH	QPSK	100	0	23.53	16.36	/	4.00	20.36	30.0	PASS
	16QAM	100	0	23.53	16.29	/	4.00	20.29	30.0	PASS
	64QAM	100	0	23.54	16.25	/	4.00	20.25	30.0	PASS

	256QAM	100	0	23.54	16.31	/	4.00	20.31	30.0	PASS
HCH	QPSK	100	0	22.52	14.76	/	4.00	18.76	30.0	PASS
	16QAM	100	0	22.53	14.63	/	4.00	18.63	30.0	PASS
	64QAM	100	0	22.52	14.73	/	4.00	18.73	30.0	PASS
	256QAM	100	0	22.55	14.71	/	4.00	18.71	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)										

Frequency	Modulation	Carrier	RB Allocation		2x2 MIMO Conducted Power		Antenna gain		EIRPdBm/ 10MHz	Limit (dBm)	Verdict
			Size	Offset	Total Power	Channel Power					
					dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 Carriers non-Contiguous_5MHz Bandwidth											
LCH	QPSK	Carrier 1	25	0	23.44	19.78	/	4.00	23.78	30.0	PASS
		Carrier 2	25	0		18.41	/	4.00	22.41	30.0	PASS
		Carrier 3	25	0		17.29	/	4.00	21.29	30.0	PASS
	16QAM	Carrier 1	25	0	23.37	19.73	/	4.00	23.73	30.0	PASS
		Carrier 2	25	0		18.34	/	4.00	22.34	30.0	PASS
		Carrier 3	25	0		17.89	/	4.00	21.89	30.0	PASS
	64QAM	Carrier 1	25	0	23.48	19.84	/	4.00	23.84	30.0	PASS
		Carrier 2	25	0		18.39	/	4.00	22.39	30.0	PASS
		Carrier 3	25	0		18.00	/	4.00	22.00	30.0	PASS
	256QAM	Carrier 1	25	0	23.45	19.82	/	4.00	23.82	30.0	PASS
		Carrier 2	25	0		18.36	/	4.00	22.36	30.0	PASS
		Carrier 3	25	0		17.98	/	4.00	21.98	30.0	PASS
HCH	QPSK	Carrier 1	25	0	23.19	19.48	/	4.00	23.48	30.0	PASS
		Carrier 2	25	0		18.64	/	4.00	22.64	30.0	PASS
		Carrier 3	25	0		17.79	/	4.00	21.79	30.0	PASS
	16QAM	Carrier 1	25	0	23.16	19.45	/	4.00	23.45	30.0	PASS
		Carrier 2	25	0		18.60	/	4.00	22.60	30.0	PASS
		Carrier 3	25	0		17.78	/	4.00	21.78	30.0	PASS
	64QAM	Carrier 1	25	0	23.22	19.53	/	4.00	23.53	30.0	PASS
		Carrier 2	25	0		18.59	/	4.00	22.59	30.0	PASS
		Carrier 3	25	0		17.77	/	4.00	21.77	30.0	PASS
	256QAM	Carrier 1	25	0	23.17	19.51	/	4.00	23.51	30.0	PASS
		Carrier 2	25	0		18.62	/	4.00	22.62	30.0	PASS
		Carrier 3	25	0		17.77	/	4.00	21.77	30.0	PASS
EIRP Test data_Test Band: 48_3 Carriers non-Contiguous_10MHz Bandwidth											
LCH	QPSK	Carrier 1	50	0	23.06	19.17	/	4.00	23.17	30.0	PASS
		Carrier 2	50	0		18.58	/	4.00	22.58	30.0	PASS
		Carrier 3	50	0		17.64	/	4.00	21.64	30.0	PASS
	16QAM	Carrier 1	50	0	23.11	19.31	/	4.00	23.31	30.0	PASS
		Carrier 2	50	0		18.67	/	4.00	22.67	30.0	PASS
		Carrier 3	50	0		17.66	/	4.00	21.66	30.0	PASS
	64QAM	Carrier 1	50	0	23.07	19.35	/	4.00	23.35	30.0	PASS
		Carrier 2	50	0		18.64	/	4.00	22.64	30.0	PASS
		Carrier 3	50	0		17.67	/	4.00	21.67	30.0	PASS
	256QAM	Carrier 1	50	0	23.14	19.22	/	4.00	23.22	30.0	PASS
Carrier 2		50	0	18.65		/	4.00	22.65	30.0	PASS	

		Carrier 3	50	0		17.67	/	4.00	21.67	30.0	PASS
HCH	QPSK	Carrier 1	50	0	23.31	19.8	/	4.00	23.80	30.0	PASS
		Carrier 2	50	0		18.57	/	4.00	22.57	30.0	PASS
		Carrier 3	50	0		17.49	/	4.00	21.49	30.0	PASS
		Carrier 3	50	0							
	16QAM	Carrier 1	50	0	23.28	19.67	/	4.00	23.67	30.0	PASS
		Carrier 2	50	0		18.60	/	4.00	22.60	30.0	PASS
		Carrier 3	50	0		17.54	/	4.00	21.54	30.0	PASS
		Carrier 3	50	0							
	64QAM	Carrier 1	50	0	23.35	19.67	/	4.00	23.67	30.0	PASS
		Carrier 2	50	0		18.63	/	4.00	22.63	30.0	PASS
		Carrier 3	50	0		17.46	/	4.00	21.46	30.0	PASS
		Carrier 3	50	0							
	256QAM	Carrier 1	50	0	23.33	19.82	/	4.00	23.82	30.0	PASS
Carrier 2		50	0	18.58		/	4.00	22.58	30.0	PASS	
Carrier 3		50	0	17.49		/	4.00	21.49	30.0	PASS	
EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 15MHz Bandwidth											
LCH	QPSK	Carrier 1	75	0	22.99	17.59	/	4.00	21.59	30.0	PASS
		Carrier 2	75	0		17.19	/	4.00	21.19	30.0	PASS
		Carrier 3	75	0		16.12	/	4.00	20.12	30.0	PASS
	16QAM	Carrier 1	75	0	23.07	17.71	/	4.00	21.71	30.0	PASS
		Carrier 2	75	0		17.29	/	4.00	21.29	30.0	PASS
		Carrier 3	75	0		16.28	/	4.00	20.28	30.0	PASS
	64QAM	Carrier 1	75	0	22.99	17.59	/	4.00	21.59	30.0	PASS
		Carrier 2	75	0		17.21	/	4.00	21.21	30.0	PASS
		Carrier 3	75	0		16.14	/	4.00	20.14	30.0	PASS
	256QAM	Carrier 1	75	0	23.02	17.61	/	4.00	21.61	30.0	PASS
		Carrier 2	75	0		17.16	/	4.00	21.16	30.0	PASS
		Carrier 3	75	0		16.19	/	4.00	20.19	30.0	PASS
HCH	QPSK	Carrier 1	75	0	23.29	18.72	/	4.00	22.72	30.0	PASS
		Carrier 2	75	0		17.23	/	4.00	21.23	30.0	PASS
		Carrier 3	75	0		16.04	/	4.00	20.04	30.0	PASS
		Carrier 3	75	0							
	16QAM	Carrier 1	75	0	23.31	18.89	/	4.00	22.89	30.0	PASS
		Carrier 2	75	0		17.36	/	4.00	21.36	30.0	PASS
		Carrier 3	75	0		16.15	/	4.00	20.15	30.0	PASS
		Carrier 3	75	0							
	64QAM	Carrier 1	75	0	23.25	18.72	/	4.00	22.72	30.0	PASS
		Carrier 2	75	0		17.19	/	4.00	21.19	30.0	PASS
		Carrier 3	75	0		16.07	/	4.00	20.07	30.0	PASS
		Carrier 3	75	0							
256QAM	Carrier 1	75	0	23.27	18.75	/	4.00	22.75	30.0	PASS	
	Carrier 2	75	0		17.26	/	4.00	21.26	30.0	PASS	
	Carrier 3	75	0		16.08	/	4.00	20.08	30.0	PASS	
EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 20MHz Bandwidth											
LCH	QPSK	Carrier 1	100	0	23.11	16.32	/	4.00	20.32	30.0	PASS
		Carrier 2	100	0		16.08	/	4.00	20.08	30.0	PASS
		Carrier 3	100	0		15.42	/	4.00	19.42	30.0	PASS
	16QAM	Carrier 1	100	0	23.15	16.26	/	4.00	20.26	30.0	PASS
		Carrier 2	100	0		16.03	/	4.00	20.03	30.0	PASS
		Carrier 3	100	0		15.39	/	4.00	19.39	30.0	PASS
	64QAM	Carrier 1	100	0	23.19	16.31	/	4.00	20.31	30.0	PASS
		Carrier 2	100	0		16.12	/	4.00	20.12	30.0	PASS
		Carrier 3	100	0		15.41	/	4.00	19.41	30.0	PASS
	256QAM	Carrier 1	100	0	23.09	16.27	/	4.00	20.27	30.0	PASS
		Carrier 2	100	0		16.11	/	4.00	20.11	30.0	PASS
		Carrier 3	100	0		15.45	/	4.00	19.45	30.0	PASS

HCH	QPSK	Carrier 1	100	0	23.13	16.65	/	4.00	20.65	30.0	PASS
		Carrier 2	100	0		16.14	/	4.00	20.14	30.0	PASS
		Carrier 3	100	0		14.94	/	4.00	18.94	30.0	PASS
	16QAM	Carrier 1	100	0	23.17	16.58	/	4.00	20.58	30.0	PASS
		Carrier 2	100	0		16.03	/	4.00	20.03	30.0	PASS
		Carrier 3	100	0		14.92	/	4.00	18.92	30.0	PASS
	64QAM	Carrier 1	100	0	23.08	16.64	/	4.00	20.64	30.0	PASS
		Carrier 2	100	0		16.12	/	4.00	20.12	30.0	PASS
		Carrier 3	100	0		14.98	/	4.00	18.98	30.0	PASS
	256QAM	Carrier 1	100	0	23.15	16.72	/	4.00	20.72	30.0	PASS
		Carrier 2	100	0		16.11	/	4.00	20.11	30.0	PASS
		Carrier 3	100	0		14.95	/	4.00	18.95	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	2x2 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
		Total Power	Channel Power					
		dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+15MHz								
LCH	QPSK	23.18	19.96	/	4.00	23.96	30.0	PASS
MCH	QPSK	23.5	19.92	/	4.00	23.92	30.0	PASS
HCH	QPSK	23.00	19.84	/	4.00	23.84	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+20MHz								
LCH	QPSK	23.11	18.24	/	4.00	22.24	30.0	PASS
MCH	QPSK	23.61	18.48	/	4.00	22.48	30.0	PASS
HCH	QPSK	22.97	19.31	/	4.00	23.31	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers contiguous_5MHz+15MHz+20MHz								
LCH	QPSK	23.13	19.39	/	4.00	23.39	30.0	PASS
MCH	QPSK	23.48	19.73	/	4.00	23.73	30.0	PASS
HCH	QPSK	23.01	19.42	/	4.00	23.42	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers contiguous_10MHz+15MHz+20 MHz								
LCH	QPSK	22.92	17.37	/	4.00	21.37	30.0	PASS
MCH	QPSK	23.52	18.18	/	4.00	22.18	30.0	PASS
HCH	QPSK	23.20	17.98	/	4.00	21.98	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	Carrier	2x2 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
			Total Power	Channel Power					
			dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _2 carriers non-contiguous _ 5MHz+10MHz									
EIRP Test data_Test Band: 48 _3 carriers non-contiguous _ 5MHz+10MHz+15MHz									
LCH	QPSK	Carrier 1	23.16	17.54	/	4.00	21.54	30.0	PASS
	QPSK	Carrier 2		18.45	/	4.00	22.45	30.0	PASS
	QPSK	Carrier 3		18.03	/	4.00	22.03	30.0	PASS
HCH	QPSK	Carrier 1	23.08	18.96	/	4.00	22.96	30.0	PASS
	QPSK	Carrier 2		18.96	/	4.00	22.96	30.0	PASS
	QPSK	Carrier 3		16.22	/	4.00	20.22	30.0	PASS
EIRP Test data_Test Band: 48 _3 carriers non-contiguous _ 5MHz+10MHz+20MHz									
LCH	QPSK	Carrier 1	23.22	13.34	/	4.00	17.34	30.0	PASS

	QPSK	Carrier 2	23.13	15.48	/	4.00	19.48	30.0	PASS
	QPSK	Carrier 3		15.09	/	4.00	19.09	30.0	PASS
HCH	QPSK	Carrier 1		16.26	/	4.00	20.26	30.0	PASS
	QPSK	Carrier 2		15.74	/	4.00	19.74	30.0	PASS
	QPSK	Carrier 3		11.98	/	4.00	15.98	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers non-contiguous _ 5MHz+15MHz+20MHz									
LCH	QPSK	Carrier 1	23.18	16.33	/	4.00	20.33	30.0	PASS
	QPSK	Carrier 2		18.51	/	4.00	22.51	30.0	PASS
	QPSK	Carrier 3		16.67	/	4.00	20.67	30.0	PASS
HCH	QPSK	Carrier 1	23.17	17.83	/	4.00	21.83	30.0	PASS
	QPSK	Carrier 2		18.64	/	4.00	22.64	30.0	PASS
	QPSK	Carrier 3		14.95	/	4.00	18.95	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers non-contiguous _ 10MHz+15MHz+20MHz									
LCH	QPSK	Carrier 1	23.19	16.33	/	4.00	20.33	30.0	PASS
	QPSK	Carrier 2		18.71	/	4.00	22.71	30.0	PASS
	QPSK	Carrier 3		16.69	/	4.00	20.69	30.0	PASS
HCH	QPSK	Carrier 1	23.09	17.86	/	4.00	21.86	30.0	PASS
	QPSK	Carrier 2		18.71	/	4.00	22.71	30.0	PASS
	QPSK	Carrier 3		14.89	/	4.00	18.89	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)									

Frequency	Modulation	RB Allocation		2x2 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			
PSD Test data_Test Band: 48_3 Carriers Contiguous_5MHz Bandwidth									
LCH	QPSK	25	0	11.22	/	4.00	15.22	20.0	PASS
	16QAM	25	0	11.21	/	4.00	15.21	20.0	PASS
	64QAM	25	0	11.21	/	4.00	15.21	20.0	PASS
	256QAM	25	0	11.13	/	4.00	15.13	20.0	PASS
MCH	QPSK	25	0	11.53	/	4.00	15.53	20.0	PASS
	16QAM	25	0	11.55	/	4.00	15.55	20.0	PASS
	64QAM	25	0	11.56	/	4.00	15.56	20.0	PASS
	256QAM	25	0	11.51	/	4.00	15.51	20.0	PASS
HCH	QPSK	25	0	10.71	/	4.00	14.71	20.0	PASS
	16QAM	25	0	10.72	/	4.00	14.72	20.0	PASS
	64QAM	25	0	10.76	/	4.00	14.76	20.0	PASS
	256QAM	25	0	10.78	/	4.00	14.78	20.0	PASS
PSD Test data_Test Band: 48_3 Carriers Contiguous_10MHz Bandwidth									
LCH	QPSK	50	0	8.21	/	4.00	12.21	20.0	PASS
	16QAM	50	0	8.21	/	4.00	12.21	20.0	PASS
	64QAM	50	0	8.25	/	4.00	12.25	20.0	PASS
	256QAM	50	0	8.24	/	4.00	12.24	20.0	PASS
MCH	QPSK	50	0	8.84	/	4.00	12.84	20.0	PASS
	16QAM	50	0	8.80	/	4.00	12.80	20.0	PASS
	64QAM	50	0	8.85	/	4.00	12.85	20.0	PASS
	256QAM	50	0	8.85	/	4.00	12.85	20.0	PASS
HCH	QPSK	50	0	7.87	/	4.00	11.87	20.0	PASS
	16QAM	50	0	7.88	/	4.00	11.88	20.0	PASS
	64QAM	50	0	7.91	/	4.00	11.91	20.0	PASS
	256QAM	50	0	7.91	/	4.00	11.91	20.0	PASS
PSD Test data_Test Band: 48_3 Carriers Contiguous_15MHz Bandwidth									
LCH	QPSK	75	0	6.72	/	4.00	10.72	20.0	PASS
	16QAM	75	0	6.86	/	4.00	10.86	20.0	PASS
	64QAM	75	0	6.85	/	4.00	10.85	20.0	PASS

	256QAM	75	0	6.83	/	4.00	10.83	20.0	PASS
MCH	QPSK	75	0	7.29	/	4.00	11.29	20.0	PASS
	16QAM	75	0	7.31	/	4.00	11.31	20.0	PASS
	64QAM	75	0	7.32	/	4.00	11.32	20.0	PASS
	256QAM	75	0	7.33	/	4.00	11.33	20.0	PASS
HCH	QPSK	75	0	6.51	/	4.00	10.51	20.0	PASS
	16QAM	75	0	6.44	/	4.00	10.44	20.0	PASS
	64QAM	75	0	6.36	/	4.00	10.36	20.0	PASS
	256QAM	75	0	6.37	/	4.00	10.37	20.0	PASS
PSD Test data_Test Band: 48_3 Carriers Contiguous_20MHz Bandwidth									
LCH	QPSK	100	0	5.45	/	4.00	9.45	20.0	PASS
	16QAM	100	0	5.43	/	4.00	9.43	20.0	PASS
	64QAM	100	0	5.38	/	4.00	9.38	20.0	PASS
	256QAM	100	0	5.29	/	4.00	9.29	20.0	PASS
MCH	QPSK	100	0	5.75	/	4.00	9.75	20.0	PASS
	16QAM	100	0	5.75	/	4.00	9.75	20.0	PASS
	64QAM	100	0	5.76	/	4.00	9.76	20.0	PASS
	256QAM	100	0	5.76	/	4.00	9.76	20.0	PASS
HCH	QPSK	100	0	4.74	/	4.00	8.74	20.0	PASS
	16QAM	100	0	4.75	/	4.00	8.75	20.0	PASS
	64QAM	100	0	4.74	/	4.00	8.74	20.0	PASS
	256QAM	100	0	4.77	/	4.00	8.77	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)									

Frequency	Modulation	Carrier	2x2 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz Bandwidth								
LCH	QPSK	Carrier 1	12.82	/	4.00	16.82	20.0	PASS
		Carrier 2	11.42	/	4.00	15.42	20.0	PASS
		Carrier 3	10.93	/	4.00	14.93	20.0	PASS
	16QAM	Carrier 1	12.74	/	4.00	16.74	20.0	PASS
		Carrier 2	11.35	/	4.00	15.35	20.0	PASS
		Carrier 3	10.90	/	4.00	14.90	20.0	PASS
	64QAM	Carrier 1	12.83	/	4.00	16.83	20.0	PASS
		Carrier 2	11.40	/	4.00	15.40	20.0	PASS
		Carrier 3	11.01	/	4.00	15.01	20.0	PASS
	256QAM	Carrier 1	12.83	/	4.00	16.83	20.0	PASS
		Carrier 2	11.38	/	4.00	15.38	20.0	PASS
		Carrier 3	10.99	/	4.00	14.99	20.0	PASS
HCH	QPSK	Carrier 1	12.49	/	4.00	16.49	20.0	PASS
		Carrier 2	11.65	/	4.00	15.65	20.0	PASS
		Carrier 3	10.80	/	4.00	14.80	20.0	PASS
	16QAM	Carrier 1	12.46	/	4.00	16.46	20.0	PASS
		Carrier 2	11.61	/	4.00	15.61	20.0	PASS
		Carrier 3	10.79	/	4.00	14.79	20.0	PASS
	64QAM	Carrier 1	12.54	/	4.00	16.54	20.0	PASS
		Carrier 2	11.60	/	4.00	15.60	20.0	PASS
		Carrier 3	10.78	/	4.00	14.78	20.0	PASS
	256QAM	Carrier 1	12.52	/	4.00	16.52	20.0	PASS
		Carrier 2	11.63	/	4.00	15.63	20.0	PASS
		Carrier 3	10.79	/	4.00	14.79	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz Bandwidth								
LCH	QPSK	Carrier 1	9.17	/	4.00	13.17	20.0	PASS

		Carrier 2	8.58	/	4.00	12.58	20.0	PASS
		Carrier 3	7.64	/	4.00	11.64	20.0	PASS
	16QAM	Carrier 1	9.31	/	4.00	13.31	20.0	PASS
		Carrier 2	8.67	/	4.00	12.67	20.0	PASS
		Carrier 3	7.66	/	4.00	11.66	20.0	PASS
	64QAM	Carrier 1	9.35	/	4.00	13.35	20.0	PASS
		Carrier 2	8.64	/	4.00	12.64	20.0	PASS
		Carrier 3	7.67	/	4.00	11.67	20.0	PASS
	256QAM	Carrier 1	9.22	/	4.00	13.22	20.0	PASS
		Carrier 2	8.65	/	4.00	12.65	20.0	PASS
Carrier 3		7.67	/	4.00	11.67	20.0	PASS	
HCH	QPSK	Carrier 1	9.82	/	4.00	13.82	20.0	PASS
		Carrier 2	8.57	/	4.00	12.57	20.0	PASS
		Carrier 3	7.49	/	4.00	11.49	20.0	PASS
	16QAM	Carrier 1	9.67	/	4.00	13.67	20.0	PASS
		Carrier 2	8.61	/	4.00	12.61	20.0	PASS
		Carrier 3	7.54	/	4.00	11.54	20.0	PASS
	64QAM	Carrier 1	9.68	/	4.00	13.68	20.0	PASS
		Carrier 2	8.63	/	4.00	12.63	20.0	PASS
		Carrier 3	7.46	/	4.00	11.46	20.0	PASS
	256QAM	Carrier 1	9.81	/	4.00	13.81	20.0	PASS
		Carrier 2	8.59	/	4.00	12.59	20.0	PASS
		Carrier 3	7.49	/	4.00	11.49	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_15MHz Bandwidth								
LCH	QPSK	Carrier 1	7.38	/	4.00	11.38	20.0	PASS
		Carrier 2	6.71	/	4.00	10.71	20.0	PASS
		Carrier 3	5.73	/	4.00	9.73	20.0	PASS
	16QAM	Carrier 1	7.40	/	4.00	11.40	20.0	PASS
		Carrier 2	6.75	/	4.00	10.75	20.0	PASS
		Carrier 3	5.72	/	4.00	9.72	20.0	PASS
	64QAM	Carrier 1	7.38	/	4.00	11.38	20.0	PASS
		Carrier 2	6.69	/	4.00	10.69	20.0	PASS
		Carrier 3	5.75	/	4.00	9.75	20.0	PASS
	256QAM	Carrier 1	7.36	/	4.00	11.36	20.0	PASS
		Carrier 2	6.69	/	4.00	10.69	20.0	PASS
		Carrier 3	5.74	/	4.00	9.74	20.0	PASS
HCH	QPSK	Carrier 1	8.24	/	4.00	12.24	20.0	PASS
		Carrier 2	6.75	/	4.00	10.75	20.0	PASS
		Carrier 3	5.78	/	4.00	9.78	20.0	PASS
	16QAM	Carrier 1	8.27	/	4.00	12.27	20.0	PASS
		Carrier 2	6.75	/	4.00	10.75	20.0	PASS
		Carrier 3	5.79	/	4.00	9.79	20.0	PASS
	64QAM	Carrier 1	8.27	/	4.00	12.27	20.0	PASS
		Carrier 2	6.79	/	4.00	10.79	20.0	PASS
		Carrier 3	5.82	/	4.00	9.82	20.0	PASS
	256QAM	Carrier 1	8.25	/	4.00	12.25	20.0	PASS
		Carrier 2	6.76	/	4.00	10.76	20.0	PASS
		Carrier 3	5.79	/	4.00	9.79	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_20MHz Bandwidth								
LCH	QPSK	Carrier 1	6.20	/	4.00	10.20	20.0	PASS
		Carrier 2	5.57	/	4.00	9.57	20.0	PASS
		Carrier 3	4.75	/	4.00	8.75	20.0	PASS
	16QAM	Carrier 1	6.12	/	4.00	10.12	20.0	PASS
		Carrier 2	5.55	/	4.00	9.55	20.0	PASS
		Carrier 3	4.74	/	4.00	8.74	20.0	PASS
	64QAM	Carrier 1	6.14	/	4.00	10.14	20.0	PASS

	256QAM	Carrier 2	5.61	/	4.00	9.61	20.0	PASS
		Carrier 3	4.80	/	4.00	8.80	20.0	PASS
		Carrier 1	6.14	/	4.00	10.14	20.0	PASS
		Carrier 2	5.58	/	4.00	9.58	20.0	PASS
		Carrier 3	4.77	/	4.00	8.77	20.0	PASS
HCH	QPSK	Carrier 1	6.31	/	4.00	10.31	20.0	PASS
		Carrier 2	5.69	/	4.00	9.69	20.0	PASS
		Carrier 3	4.75	/	4.00	8.75	20.0	PASS
	16QAM	Carrier 1	6.27	/	4.00	10.27	20.0	PASS
		Carrier 2	5.63	/	4.00	9.63	20.0	PASS
		Carrier 3	4.71	/	4.00	8.71	20.0	PASS
	64QAM	Carrier 1	6.34	/	4.00	10.34	20.0	PASS
		Carrier 2	5.65	/	4.00	9.65	20.0	PASS
		Carrier 3	4.80	/	4.00	8.80	20.0	PASS
	256QAM	Carrier 1	6.34	/	4.00	10.34	20.0	PASS
		Carrier 2	5.64	/	4.00	9.64	20.0	PASS
		Carrier 3	4.78	/	4.00	8.78	20.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) PSD is the MIMO PSD. PSD= PSD at single port+10Log(n)

Frequency	Modulation	2x2 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
			(dBd)	(dBi)			
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+15MHz							
LCH	QPSK	10.41	/	4.00	14.41	20.0	PASS
MCH	QPSK	10.91	/	4.00	14.91	20.0	PASS
HCH	QPSK	10.23	/	4.00	14.23	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+20MHz							
LCH	QPSK	10.67	/	4.00	14.67	20.0	PASS
MCH	QPSK	10.92	/	4.00	14.92	20.0	PASS
HCH	QPSK	10.53	/	4.00	14.53	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+15MHz+20MHz							
LCH	QPSK	10.51	/	4.00	14.51	20.0	PASS
MCH	QPSK	10.92	/	4.00	14.92	20.0	PASS
HCH	QPSK	10.38	/	4.00	14.38	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_10MHz+15MHz+20 MHz							
LCH	QPSK	7.39	/	4.00	11.39	20.0	PASS
MCH	QPSK	7.93	/	4.00	11.93	20.0	PASS
HCH	QPSK	7.67	/	4.00	11.67	20.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)

Frequency	Modulation	Carrier	2x2 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_ Test Band: 48_3 carriers non-contiguous_ 5MHz+10MHz+15MHz								
LCH	QPSK	Carrier 1	7.34	/	4.00	11.34	20.0	PASS
	QPSK	Carrier 2	11.46	/	4.00	15.46	20.0	PASS
	QPSK	Carrier 3	8.03	/	4.00	12.03	20.0	PASS
HCH	QPSK	Carrier 1	8.96	/	4.00	12.96	20.0	PASS
	QPSK	Carrier 2	11.94	/	4.00	15.94	20.0	PASS
	QPSK	Carrier 3	5.97	/	4.00	9.97	20.0	PASS
PSD Test data_ Test Band: 48_3 carriers non-contiguous_ 5MHz+10MHz+20MHz								

LCH	QPSK	Carrier 1	6.18	/	4.00	10.18	20.0	PASS
	QPSK	Carrier 2	11.49	/	4.00	15.49	20.0	PASS
	QPSK	Carrier 3	8.09	/	4.00	12.09	20.0	PASS
HCH	QPSK	Carrier 1	9.26	/	4.00	13.26	20.0	PASS
	QPSK	Carrier 2	11.66	/	4.00	15.66	20.0	PASS
	QPSK	Carrier 3	4.80	/	4.00	8.80	20.0	PASS
PSD Test data_Test Band: 48 _3 carriers non-contiguous _ 5MHz+15MHz+20MHz								
LCH	QPSK	Carrier 1	6.19	/	4.00	10.19	20.0	PASS
	QPSK	Carrier 2	11.52	/	4.00	15.52	20.0	PASS
	QPSK	Carrier 3	6.17	/	4.00	10.17	20.0	PASS
HCH	QPSK	Carrier 1	7.58	/	4.00	11.58	20.0	PASS
	QPSK	Carrier 2	11.70	/	4.00	15.70	20.0	PASS
	QPSK	Carrier 3	4.71	/	4.00	8.71	20.0	PASS
PSD Test data_Test Band: 48 _3 carriers non-contiguous _ 10MHz+15MHz+20 MHz								
LCH	QPSK	Carrier 1	6.19	/	4.00	10.19	20.0	PASS
	QPSK	Carrier 2	8.71	/	4.00	12.701	20.0	PASS
	QPSK	Carrier 3	6.17	/	4.00	10.17	20.0	PASS
HCH	QPSK	Carrier 1	7.50	/	4.00	11.50	20.0	PASS
	QPSK	Carrier 2	8.72	/	4.00	12.72	20.0	PASS
	QPSK	Carrier 3	4.72	/	4.00	8.72	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)								

For 4x4MIMO:

Frequency	Modulation	RB Allocation		4x4 MIMO Conducted Power		Antenna gain		EIRP dBm/10 MHz	Limit (dBm)	Verdict
		Size	Offset	Total Power	Channel Power					
				dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48 _ 3 Carriers Contiguous _ 5MHz Bandwidth										
LCH	QPSK	25	0	25.98	24.29	/	4.00	28.29	30.0	PASS
	16QAM	25	0	25.97	24.28	/	4.00	28.28	30.0	PASS
	64QAM	25	0	25.97	24.21	/	4.00	28.21	30.0	PASS
	256QAM	25	0	25.89	24.17	/	4.00	28.17	30.0	PASS
MCH	QPSK	25	0	26.30	24.66	/	4.00	28.66	30.0	PASS
	16QAM	25	0	26.34	24.71	/	4.00	28.71	30.0	PASS
	64QAM	25	0	26.35	24.76	/	4.00	28.76	30.0	PASS
	256QAM	25	0	26.27	24.51	/	4.00	28.51	30.0	PASS
HCH	QPSK	25	0	25.47	23.67	/	4.00	27.67	30.0	PASS
	16QAM	25	0	25.48	23.62	/	4.00	27.62	30.0	PASS
	64QAM	25	0	25.52	23.63	/	4.00	27.63	30.0	PASS
	256QAM	25	0	25.54	23.67	/	4.00	27.67	30.0	PASS
EIRP Test data_Test Band: 48 _ 3 Carriers Contiguous _ 10MHz Bandwidth										
LCH	QPSK	50	0	25.98	21.45	/	4.00	25.45	30.0	PASS
	16QAM	50	0	25.98	21.47	/	4.00	25.47	30.0	PASS
	64QAM	50	0	26.02	21.49	/	4.00	25.49	30.0	PASS
	256QAM	50	0	26.02	21.47	/	4.00	25.47	30.0	PASS
MCH	QPSK	50	0	26.61	21.67	/	4.00	25.67	30.0	PASS
	16QAM	50	0	26.57	21.68	/	4.00	25.68	30.0	PASS
	64QAM	50	0	26.62	21.67	/	4.00	25.67	30.0	PASS

	256QAM	50	0	26.62	21.69	/	4.00	25.69	30.0	PASS
HCH	QPSK	50	0	25.64	21.16	/	4.00	25.16	30.0	PASS
	16QAM	50	0	25.65	21.23	/	4.00	25.23	30.0	PASS
	64QAM	50	0	25.68	21.18	/	4.00	25.18	30.0	PASS
	256QAM	50	0	25.68	21.23	/	4.00	25.23	30.0	PASS
EIRP Test data_Test Band: 48_3 Carriers Contiguous_15MHz Bandwidth										
LCH	QPSK	75	0	26.25	20.03	/	4.00	24.03	30.0	PASS
	16QAM	75	0	26.40	20.12	/	4.00	24.12	30.0	PASS
	64QAM	75	0	26.38	20.04	/	4.00	24.04	30.0	PASS
	256QAM	75	0	26.36	20.03	/	4.00	24.03	30.0	PASS
MCH	QPSK	75	0	26.72	20.54	/	4.00	24.54	30.0	PASS
	16QAM	75	0	26.84	20.62	/	4.00	24.62	30.0	PASS
	64QAM	75	0	26.85	20.58	/	4.00	24.58	30.0	PASS
	256QAM	75	0	26.86	20.61	/	4.00	24.61	30.0	PASS
HCH	QPSK	75	0	26.04	19.95	/	4.00	23.95	30.0	PASS
	16QAM	75	0	25.97	19.91	/	4.00	23.91	30.0	PASS
	64QAM	75	0	25.90	19.75	/	4.00	23.75	30.0	PASS
	256QAM	75	0	25.90	19.73	/	4.00	23.73	30.0	PASS
EIRP Test data_Test Band: 48_3 Carriers Contiguous_20MHz Bandwidth										
LCH	QPSK	100	0	26.23	18.41	/	4.00	22.41	30.0	PASS
	16QAM	100	0	26.21	18.38	/	4.00	22.38	30.0	PASS
	64QAM	100	0	26.16	18.45	/	4.00	22.45	30.0	PASS
	256QAM	100	0	26.07	18.43	/	4.00	22.43	30.0	PASS
MCH	QPSK	100	0	26.53	19.36	/	4.00	23.36	30.0	PASS
	16QAM	100	0	26.53	19.29	/	4.00	23.29	30.0	PASS
	64QAM	100	0	26.54	19.25	/	4.00	23.25	30.0	PASS
	256QAM	100	0	26.54	19.31	/	4.00	23.31	30.0	PASS
HCH	QPSK	100	0	25.52	17.76	/	4.00	21.76	30.0	PASS
	16QAM	100	0	25.53	17.63	/	4.00	21.63	30.0	PASS
	64QAM	100	0	25.52	17.73	/	4.00	21.73	30.0	PASS
	256QAM	100	0	25.55	17.71	/	4.00	21.71	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)										

Frequency	Modulation	Carrier	RB Allocation		4x4 MIMO Conducted Power		Antenna gain		EIRPdB m/10M Hz	Limit (dBm)	Verdict
			Size	Offset	Total Power	Channel Power					
					dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 Carriers non-Contiguous_5MHz Bandwidth											
LCH	QPSK	Carrier 1	25	0	26.44	22.78	/	4.00	26.78	30.0	PASS
		Carrier 2	25	0		21.41	/	4.00	25.41	30.0	PASS
		Carrier 3	25	0		20.29	/	4.00	24.29	30.0	PASS
	16QAM	Carrier 1	25	0	26.37	22.73	/	4.00	26.73	30.0	PASS
		Carrier 2	25	0		21.34	/	4.00	25.34	30.0	PASS
		Carrier 3	25	0		20.89	/	4.00	24.89	30.0	PASS
	64QAM	Carrier 1	25	0	26.48	22.84	/	4.00	26.84	30.0	PASS
		Carrier 2	25	0		21.39	/	4.00	25.39	30.0	PASS

		Carrier 3	25	0		21.00	/	4.00	25.00	30.0	PASS
	256QAM	Carrier 1	25	0	26.45	22.82	/	4.00	26.82	30.0	PASS
		Carrier 2	25	0		21.36	/	4.00	25.36	30.0	PASS
		Carrier 3	25	0		20.98	/	4.00	24.98	30.0	PASS
HCH	QPSK	Carrier 1	25	0	26.19	22.48	/	4.00	26.48	30.0	PASS
		Carrier 2	25	0		21.64	/	4.00	25.64	30.0	PASS
		Carrier 3	25	0		20.79	/	4.00	24.79	30.0	PASS
	16QAM	Carrier 1	25	0	26.16	22.45	/	4.00	26.45	30.0	PASS
		Carrier 2	25	0		21.60	/	4.00	25.60	30.0	PASS
		Carrier 3	25	0		20.78	/	4.00	24.78	30.0	PASS
	64QAM	Carrier 1	25	0	26.22	22.53	/	4.00	26.53	30.0	PASS
		Carrier 2	25	0		21.59	/	4.00	25.59	30.0	PASS
		Carrier 3	25	0		20.77	/	4.00	24.77	30.0	PASS
	256QAM	Carrier 1	25	0	26.17	22.51	/	4.00	26.51	30.0	PASS
		Carrier 2	25	0		21.62	/	4.00	25.62	30.0	PASS
		Carrier 3	25	0		20.77	/	4.00	24.77	30.0	PASS
EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 10MHz Bandwidth											
LCH	QPSK	Carrier 1	50	0	26.06	22.17	/	4.00	26.17	30.0	PASS
		Carrier 2	50	0		21.58	/	4.00	25.58	30.0	PASS
		Carrier 3	50	0		20.64	/	4.00	24.64	30.0	PASS
	16QAM	Carrier 1	50	0	26.11	22.31	/	4.00	26.31	30.0	PASS
		Carrier 2	50	0		21.67	/	4.00	25.67	30.0	PASS
		Carrier 3	50	0		20.66	/	4.00	24.66	30.0	PASS
	64QAM	Carrier 1	50	0	26.07	22.35	/	4.00	26.35	30.0	PASS
		Carrier 2	50	0		21.64	/	4.00	25.64	30.0	PASS
		Carrier 3	50	0		20.67	/	4.00	24.67	30.0	PASS
	256QAM	Carrier 1	50	0	26.14	22.22	/	4.00	26.22	30.0	PASS
		Carrier 2	50	0		21.65	/	4.00	25.65	30.0	PASS
		Carrier 3	50	0		20.67	/	4.00	24.67	30.0	PASS
HCH	QPSK	Carrier 1	50	0	26.31	22.80	/	4.00	26.80	30.0	PASS
		Carrier 2	50	0		21.57	/	4.00	25.57	30.0	PASS
		Carrier 3	50	0		20.49	/	4.00	24.49	30.0	PASS
	16QAM	Carrier 1	50	0	26.28	22.67	/	4.00	26.67	30.0	PASS
		Carrier 2	50	0		21.60	/	4.00	25.6	30.0	PASS
		Carrier 3	50	0		20.54	/	4.00	24.54	30.0	PASS
	64QAM	Carrier 1	50	0	26.35	22.67	/	4.00	26.67	30.0	PASS
		Carrier 2	50	0		21.63	/	4.00	25.63	30.0	PASS
		Carrier 3	50	0		20.46	/	4.00	24.46	30.0	PASS
	256QAM	Carrier 1	50	0	26.33	22.82	/	4.00	26.82	30.0	PASS
		Carrier 2	50	0		21.58	/	4.00	25.58	30.0	PASS
		Carrier 3	50	0		20.49	/	4.00	24.49	30.0	PASS
EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 15MHz Bandwidth											
LCH	QPSK	Carrier 1	75	0	25.99	20.59	/	4.00	24.59	30.0	PASS
		Carrier 2	75	0		20.19	/	4.00	24.19	30.0	PASS
		Carrier 3	75	0		19.12	/	4.00	23.12	30.0	PASS
	16QAM	Carrier 1	75	0	26.07	20.71	/	4.00	24.71	30.0	PASS
		Carrier 2	75	0		20.29	/	4.00	24.29	30.0	PASS
		Carrier 3	75	0		19.28	/	4.00	23.28	30.0	PASS
	64QAM	Carrier 1	75	0	25.99	20.59	/	4.00	24.59	30.0	PASS
		Carrier 2	75	0		20.21	/	4.00	24.21	30.0	PASS
		Carrier 3	75	0		19.14	/	4.00	23.14	30.0	PASS

	256QAM	Carrier 1	75	0	26.02	20.61	/	4.00	24.61	30.0	PASS
		Carrier 2	75	0		20.16	/	4.00	24.16	30.0	PASS
		Carrier 3	75	0		19.19	/	4.00	23.19	30.0	PASS
HCH	QPSK	Carrier 1	75	0	26.29	21.72	/	4.00	25.72	30.0	PASS
		Carrier 2	75	0		20.23	/	4.00	24.23	30.0	PASS
		Carrier 3	75	0		19.04	/	4.00	23.04	30.0	PASS
	16QAM	Carrier 1	75	0	26.31	21.89	/	4.00	25.89	30.0	PASS
		Carrier 2	75	0		20.36	/	4.00	24.36	30.0	PASS
		Carrier 3	75	0		19.15	/	4.00	23.15	30.0	PASS
	64QAM	Carrier 1	75	0	26.25	21.72	/	4.00	25.72	30.0	PASS
		Carrier 2	75	0		20.19	/	4.00	24.19	30.0	PASS
		Carrier 3	75	0		19.07	/	4.00	23.07	30.0	PASS
	256QAM	Carrier 1	75	0	26.27	21.75	/	4.00	25.75	30.0	PASS
		Carrier 2	75	0		20.26	/	4.00	24.26	30.0	PASS
		Carrier 3	75	0		19.08	/	4.00	23.08	30.0	PASS

EIRP Test data_Test Band: 48 _ 3 Carriers non-Contiguous _ 20MHz Bandwidth

LCH	QPSK	Carrier 1	100	0	26.11	19.32	/	4.00	23.32	30.0	PASS
		Carrier 2	100	0		19.08	/	4.00	23.08	30.0	PASS
		Carrier 3	100	0		18.42	/	4.00	22.42	30.0	PASS
	16QAM	Carrier 1	100	0	26.15	19.26	/	4.00	23.26	30.0	PASS
		Carrier 2	100	0		19.03	/	4.00	23.03	30.0	PASS
		Carrier 3	100	0		18.39	/	4.00	22.39	30.0	PASS
	64QAM	Carrier 1	100	0	26.19	19.31	/	4.00	23.31	30.0	PASS
		Carrier 2	100	0		19.12	/	4.00	23.12	30.0	PASS
		Carrier 3	100	0		18.41	/	4.00	22.41	30.0	PASS
	256QAM	Carrier 1	100	0	26.09	19.27	/	4.00	23.27	30.0	PASS
		Carrier 2	100	0		19.11	/	4.00	23.11	30.0	PASS
		Carrier 3	100	0		18.45	/	4.00	22.45	30.0	PASS
HCH	QPSK	Carrier 1	100	0	26.13	19.65	/	4.00	23.65	30.0	PASS
		Carrier 2	100	0		19.14	/	4.00	23.14	30.0	PASS
		Carrier 3	100	0		17.94	/	4.00	21.94	30.0	PASS
	16QAM	Carrier 1	100	0	26.17	19.58	/	4.00	23.58	30.0	PASS
		Carrier 2	100	0		19.03	/	4.00	23.03	30.0	PASS
		Carrier 3	100	0		17.92	/	4.00	21.92	30.0	PASS
	64QAM	Carrier 1	100	0	26.08	19.64	/	4.00	23.64	30.0	PASS
		Carrier 2	100	0		19.12	/	4.00	23.12	30.0	PASS
		Carrier 3	100	0		17.98	/	4.00	21.98	30.0	PASS
	256QAM	Carrier 1	100	0	26.15	19.72	/	4.00	23.72	30.0	PASS
		Carrier 2	100	0		19.11	/	4.00	23.11	30.0	PASS
		Carrier 3	100	0		17.95	/	4.00	21.95	30.0	PASS

Note:

1) EIRP = Conducted output power + Antenna gain (dBi)

2) Full RB test mode has the max power so only show power of full RB

3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)

Frequency	Modulation	4x4 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
		Total Power	Channel Power					
		dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+15MHz								
LCH	QPSK	26.18	22.96	/	4.00	26.96	30.0	PASS
MCH	QPSK	26.50	22.92	/	4.00	26.92	30.0	PASS
HCH	QPSK	26.00	22.84	/	4.00	26.84	30.0	PASS

EIRP Test data_Test Band: 48 _3 carriers contiguous _ 5MHz+10MHz+20MHz								
LCH	QPSK	26.11	21.24	/	4.00	25.24	30.0	PASS
MCH	QPSK	26.61	21.48	/	4.00	25.48	30.0	PASS
HCH	QPSK	25.97	22.31	/	4.00	26.31	30.0	PASS
EIRP Test data_Test Band: 48 _3 carriers contiguous _ 5MHz+15MHz+20MHz								
LCH	QPSK	26.13	22.39	/	4.00	26.39	30.0	PASS
MCH	QPSK	26.48	22.73	/	4.00	26.73	30.0	PASS
HCH	QPSK	26.01	22.42	/	4.00	26.42	30.0	PASS
EIRP Test data_Test Band: 48 _3 carriers contiguous _ 10MHz+15MHz+20 MHz								
LCH	QPSK	25.92	20.37	/	4.00	24.37	30.0	PASS
MCH	QPSK	26.52	21.18	/	4.00	25.18	30.0	PASS
HCH	QPSK	26.20	20.98	/	4.00	24.98	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)								

Frequency	Modulation	Carrier	4x4 MIMO Conducted Power		Antenna gain		EIRP dBm/10MHz	Limit (dBm)	Verdict
			Total Power	Channel Power					
			dBm	dBm/10MHz	(dBd)	(dBi)			
EIRP Test data_Test Band: 48_3 carriers non-contiguous_5MHz+10MHz+15MHz									
LCH	QPSK	Carrier 1	26.16	20.54	/	4.00	24.54	30.0	PASS
	QPSK	Carrier 2		21.45	/	4.00	25.45	30.0	PASS
	QPSK	Carrier 3		21.03	/	4.00	25.03	30.0	PASS
HCH	QPSK	Carrier 1	26.08	21.96	/	4.00	25.96	30.0	PASS
	QPSK	Carrier 2		21.96	/	4.00	25.96	30.0	PASS
	QPSK	Carrier 3		19.22	/	4.00	23.22	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers non-contiguous_5MHz+10MHz+20MHz									
LCH	QPSK	Carrier 1	26.22	19.34	/	4.00	23.34	30.0	PASS
	QPSK	Carrier 2		21.48	/	4.00	25.48	30.0	PASS
	QPSK	Carrier 3		21.09	/	4.00	25.09	30.0	PASS
HCH	QPSK	Carrier 1	26.13	22.26	/	4.00	26.26	30.0	PASS
	QPSK	Carrier 2		21.74	/	4.00	25.74	30.0	PASS
	QPSK	Carrier 3		17.98	/	4.00	21.98	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers non-contiguous_5MHz+15MHz+20MHz									
LCH	QPSK	Carrier 1	26.18	19.33	/	4.00	23.33	30.0	PASS
	QPSK	Carrier 2		21.51	/	4.00	25.51	30.0	PASS
	QPSK	Carrier 3		19.67	/	4.00	23.67	30.0	PASS
HCH	QPSK	Carrier 1	26.17	20.83	/	4.00	24.83	30.0	PASS
	QPSK	Carrier 2		21.64	/	4.00	25.64	30.0	PASS
	QPSK	Carrier 3		17.95	/	4.00	21.95	30.0	PASS
EIRP Test data_Test Band: 48_3 carriers non-contiguous_10MHz+15MHz+20MHz									
LCH	QPSK	Carrier 1	26.19	19.33	/	4.00	23.33	30.0	PASS
	QPSK	Carrier 2		21.71	/	4.00	25.71	30.0	PASS
	QPSK	Carrier 3		19.69	/	4.00	23.69	30.0	PASS
HCH	QPSK	Carrier 1	26.09	20.86	/	4.00	24.86	30.0	PASS
	QPSK	Carrier 2		21.71	/	4.00	25.71	30.0	PASS
	QPSK	Carrier 3		17.89	/	4.00	21.89	30.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) Total power and channel power is the MIMO power, Total Power/Channel Power= Output power+10Log(n)									

Frequency	Modulation	RB Allocation		4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD (dBm/MHz)	Limit (dBm)	Verdict
		Size	Offset		(dBd)	(dBi)			

PSD Test data_Test Band: 48_3 Carriers Contiguous_5MHz Bandwidth									
LCH	QPSK	25	0	14.22	/	4.00	18.22	20.0	PASS
	16QAM	25	0	14.21	/	4.00	18.21	20.0	PASS
	64QAM	25	0	14.21	/	4.00	18.21	20.0	PASS
	256QAM	25	0	14.13	/	4.00	18.13	20.0	PASS
MCH	QPSK	25	0	14.54	/	4.00	18.54	20.0	PASS
	16QAM	25	0	14.56	/	4.00	18.56	20.0	PASS
	64QAM	25	0	14.57	/	4.00	18.57	20.0	PASS
	256QAM	25	0	14.51	/	4.00	18.51	20.0	PASS
HCH	QPSK	25	0	13.71	/	4.00	17.71	20.0	PASS
	16QAM	25	0	13.72	/	4.00	17.72	20.0	PASS
	64QAM	25	0	13.76	/	4.00	17.76	20.0	PASS
	256QAM	25	0	13.78	/	4.00	17.78	20.0	PASS
PSD Test data_Test Band: 48_3 Carriers Contiguous_10MHz Bandwidth									
LCH	QPSK	50	0	11.21	/	4.00	15.21	20.0	PASS
	16QAM	50	0	11.21	/	4.00	15.21	20.0	PASS
	64QAM	50	0	11.25	/	4.00	15.25	20.0	PASS
	256QAM	50	0	11.24	/	4.00	15.24	20.0	PASS
MCH	QPSK	50	0	11.84	/	4.00	15.84	20.0	PASS
	16QAM	50	0	11.80	/	4.00	15.80	20.0	PASS
	64QAM	50	0	11.86	/	4.00	15.86	20.0	PASS
	256QAM	50	0	11.85	/	4.00	15.85	20.0	PASS
HCH	QPSK	50	0	10.87	/	4.00	14.87	20.0	PASS
	16QAM	50	0	10.88	/	4.00	14.88	20.0	PASS
	64QAM	50	0	10.91	/	4.00	14.91	20.0	PASS
	256QAM	50	0	10.91	/	4.00	14.91	20.0	PASS
PSD Test data_Test Band: 48_3 Carriers Contiguous_15MHz Bandwidth									
LCH	QPSK	75	0	9.72	/	4.00	13.72	20.0	PASS
	16QAM	75	0	9.86	/	4.00	13.86	20.0	PASS
	64QAM	75	0	9.85	/	4.00	13.85	20.0	PASS
	256QAM	75	0	9.83	/	4.00	13.83	20.0	PASS
MCH	QPSK	75	0	10.28	/	4.00	14.28	20.0	PASS
	16QAM	75	0	10.31	/	4.00	14.31	20.0	PASS
	64QAM	75	0	10.32	/	4.00	14.32	20.0	PASS
	256QAM	75	0	10.34	/	4.00	14.34	20.0	PASS
HCH	QPSK	75	0	9.51	/	4.00	13.51	20.0	PASS
	16QAM	75	0	9.44	/	4.00	13.44	20.0	PASS
	64QAM	75	0	9.36	/	4.00	13.36	20.0	PASS
	256QAM	75	0	9.37	/	4.00	13.37	20.0	PASS
PSD Test data_Test Band: 48_3 Carriers Contiguous_20MHz Bandwidth									
LCH	QPSK	100	0	8.45	/	4.00	12.45	20.0	PASS
	16QAM	100	0	8.43	/	4.00	12.43	20.0	PASS
	64QAM	100	0	8.38	/	4.00	12.38	20.0	PASS
	256QAM	100	0	8.29	/	4.00	12.29	20.0	PASS
MCH	QPSK	100	0	8.77	/	4.00	12.77	20.0	PASS
	16QAM	100	0	8.75	/	4.00	12.75	20.0	PASS
	64QAM	100	0	8.76	/	4.00	12.76	20.0	PASS
	256QAM	100	0	8.76	/	4.00	12.76	20.0	PASS
HCH	QPSK	100	0	7.74	/	4.00	11.74	20.0	PASS
	16QAM	100	0	7.75	/	4.00	11.75	20.0	PASS
	64QAM	100	0	7.74	/	4.00	11.74	20.0	PASS
	256QAM	100	0	7.77	/	4.00	11.77	20.0	PASS
Note: 1) EIRP = Conducted output power + Antenna gain (dBi) 2) Full RB test mode has the max power so only show power of full RB 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)									

Frequency	Modulation	Carrier	4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_2 carriers non-contiguous_5MHz Bandwidth								
LCH	QPSK	Carrier 1	15.82	/	4.00	19.82	20.0	PASS
		Carrier 2	14.42	/	4.00	18.42	20.0	PASS
		Carrier 3	13.93	/	4.00	17.93	20.0	PASS
	16QAM	Carrier 1	15.74	/	4.00	19.74	20.0	PASS
		Carrier 2	14.35	/	4.00	18.35	20.0	PASS
		Carrier 3	13.90	/	4.00	17.90	20.0	PASS
	64QAM	Carrier 1	15.84	/	4.00	19.84	20.0	PASS
		Carrier 2	14.40	/	4.00	18.40	20.0	PASS
		Carrier 3	14.01	/	4.00	18.01	20.0	PASS
	256QAM	Carrier 1	15.83	/	4.00	19.83	20.0	PASS
		Carrier 2	14.38	/	4.00	18.38	20.0	PASS
		Carrier 3	13.99	/	4.00	17.99	20.0	PASS
HCH	QPSK	Carrier 1	15.49	/	4.00	19.49	20.0	PASS
		Carrier 2	14.65	/	4.00	18.65	20.0	PASS
		Carrier 3	13.80	/	4.00	17.80	20.0	PASS
	16QAM	Carrier 1	15.46	/	4.00	19.46	20.0	PASS
		Carrier 2	14.61	/	4.00	18.61	20.0	PASS
		Carrier 3	13.79	/	4.00	17.79	20.0	PASS
	64QAM	Carrier 1	15.54	/	4.00	19.54	20.0	PASS
		Carrier 2	14.60	/	4.00	18.60	20.0	PASS
		Carrier 3	13.78	/	4.00	17.78	20.0	PASS
	256QAM	Carrier 1	15.52	/	4.00	19.52	20.0	PASS
		Carrier 2	14.63	/	4.00	18.63	20.0	PASS
		Carrier 3	13.79	/	4.00	17.79	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_10MHz Bandwidth								
LCH	QPSK	Carrier 1	12.17	/	4.00	16.17	20.0	PASS
		Carrier 2	11.58	/	4.00	15.58	20.0	PASS
		Carrier 3	10.64	/	4.00	14.64	20.0	PASS
	16QAM	Carrier 1	12.31	/	4.00	16.31	20.0	PASS
		Carrier 2	11.67	/	4.00	15.67	20.0	PASS
		Carrier 3	10.66	/	4.00	14.66	20.0	PASS
	64QAM	Carrier 1	12.35	/	4.00	16.35	20.0	PASS
		Carrier 2	11.64	/	4.00	15.64	20.0	PASS
		Carrier 3	10.67	/	4.00	14.67	20.0	PASS
	256QAM	Carrier 1	12.22	/	4.00	16.22	20.0	PASS
		Carrier 2	11.65	/	4.00	15.65	20.0	PASS
		Carrier 3	10.67	/	4.00	14.67	20.0	PASS
HCH	QPSK	Carrier 1	12.81	/	4.00	16.81	20.0	PASS
		Carrier 2	11.57	/	4.00	15.57	20.0	PASS
		Carrier 3	10.49	/	4.00	14.49	20.0	PASS
	16QAM	Carrier 1	12.67	/	4.00	16.67	20.0	PASS
		Carrier 2	11.61	/	4.00	15.61	20.0	PASS
		Carrier 3	10.54	/	4.00	14.54	20.0	PASS
	64QAM	Carrier 1	12.68	/	4.00	16.68	20.0	PASS
		Carrier 2	11.63	/	4.00	15.63	20.0	PASS
		Carrier 3	10.46	/	4.00	14.46	20.0	PASS
	256QAM	Carrier 1	12.81	/	4.00	16.81	20.0	PASS
		Carrier 2	11.59	/	4.00	15.59	20.0	PASS
		Carrier 3	10.49	/	4.00	14.49	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_15MHz Bandwidth								
LCH	QPSK	Carrier 1	10.38	/	4.00	14.38	20.0	PASS
		Carrier 2	9.71	/	4.00	13.71	20.0	PASS

	16QAM	Carrier 3	8.73	/	4.00	12.73	20.0	PASS
		Carrier 1	10.40	/	4.00	14.40	20.0	PASS
		Carrier 2	9.75	/	4.00	13.75	20.0	PASS
		Carrier 3	8.72	/	4.00	12.72	20.0	PASS
	64QAM	Carrier 1	10.38	/	4.00	14.38	20.0	PASS
		Carrier 2	9.69	/	4.00	13.69	20.0	PASS
		Carrier 3	8.75	/	4.00	12.75	20.0	PASS
	256QAM	Carrier 1	10.36	/	4.00	14.36	20.0	PASS
		Carrier 2	9.69	/	4.00	13.69	20.0	PASS
Carrier 3		8.74	/	4.00	12.74	20.0	PASS	
HCH	QPSK	Carrier 1	11.24	/	4.00	15.24	20.0	PASS
		Carrier 2	9.75	/	4.00	13.75	20.0	PASS
		Carrier 3	8.78	/	4.00	12.78	20.0	PASS
	16QAM	Carrier 1	11.27	/	4.00	15.27	20.0	PASS
		Carrier 2	9.75	/	4.00	13.75	20.0	PASS
		Carrier 3	8.79	/	4.00	12.79	20.0	PASS
	64QAM	Carrier 1	11.27	/	4.00	15.27	20.0	PASS
		Carrier 2	9.79	/	4.00	13.79	20.0	PASS
		Carrier 3	8.82	/	4.00	12.82	20.0	PASS
	256QAM	Carrier 1	11.25	/	4.00	15.25	20.0	PASS
		Carrier 2	9.76	/	4.00	13.76	20.0	PASS
		Carrier 3	8.79	/	4.00	12.79	20.0	PASS
PSD Test data_Test Band: 48_2 carriers non-contiguous_20MHz Bandwidth								
LCH	QPSK	Carrier 1	9.20	/	4.00	13.20	20.0	PASS
		Carrier 2	8.57	/	4.00	12.57	20.0	PASS
		Carrier 3	7.75	/	4.00	11.75	20.0	PASS
	16QAM	Carrier 1	9.12	/	4.00	13.12	20.0	PASS
		Carrier 2	8.55	/	4.00	12.55	20.0	PASS
		Carrier 3	7.74	/	4.00	11.74	20.0	PASS
	64QAM	Carrier 1	9.14	/	4.00	13.14	20.0	PASS
		Carrier 2	8.61	/	4.00	12.61	20.0	PASS
		Carrier 3	7.80	/	4.00	11.80	20.0	PASS
	256QAM	Carrier 1	9.14	/	4.00	13.14	20.0	PASS
		Carrier 2	8.58	/	4.00	12.58	20.0	PASS
		Carrier 3	7.77	/	4.00	11.77	20.0	PASS
HCH	QPSK	Carrier 1	9.31	/	4.00	13.31	20.0	PASS
		Carrier 2	8.69	/	4.00	12.69	20.0	PASS
		Carrier 3	7.75	/	4.00	11.75	20.0	PASS
	16QAM	Carrier 1	9.27	/	4.00	13.27	20.0	PASS
		Carrier 2	8.63	/	4.00	12.63	20.0	PASS
		Carrier 3	7.71	/	4.00	11.71	20.0	PASS
	64QAM	Carrier 1	9.34	/	4.00	13.34	20.0	PASS
		Carrier 2	8.65	/	4.00	12.65	20.0	PASS
		Carrier 3	7.80	/	4.00	11.80	20.0	PASS
	256QAM	Carrier 1	9.34	/	4.00	13.34	20.0	PASS
		Carrier 2	8.64	/	4.00	12.64	20.0	PASS
		Carrier 3	7.78	/	4.00	11.78	20.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) PSD is the MIMO PSD, PSD= PSD at single port+10Log(n)

Frequency	Modulation	4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
			(dBd)	(dBi)			
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+15MHz							
LCH	QPSK	13.51	/	4.00	17.51	20.0	PASS

MCH	QPSK	13.91	/	4.00	17.91	20.0	PASS
HCH	QPSK	13.43	/	4.00	17.43	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+10MHz+20MHz							
LCH	QPSK	13.67	/	4.00	17.67	20.0	PASS
MCH	QPSK	13.92	/	4.00	17.92	20.0	PASS
HCH	QPSK	13.53	/	4.00	17.53	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_5MHz+15MHz+20MHz							
LCH	QPSK	13.41	/	4.00	17.41	20.0	PASS
MCH	QPSK	13.92	/	4.00	17.92	20.0	PASS
HCH	QPSK	13.11	/	4.00	17.11	20.0	PASS
PSD Test data_Test Band: 48_3 carriers contiguous_10MHz+15MHz+20 MHz							
LCH	QPSK	10.34	/	4.00	14.34	20.0	PASS
MCH	QPSK	10.93	/	4.00	14.93	20.0	PASS
HCH	QPSK	10.67	/	4.00	14.67	20.0	PASS
Note:							
1) EIRP = Conducted output power + Antenna gain (dBi)							
2) Full RB test mode has the max power so only show power of full RB							
3) PSD is the MIMO PSD. PSD= PSD at single port+10Log(n)							

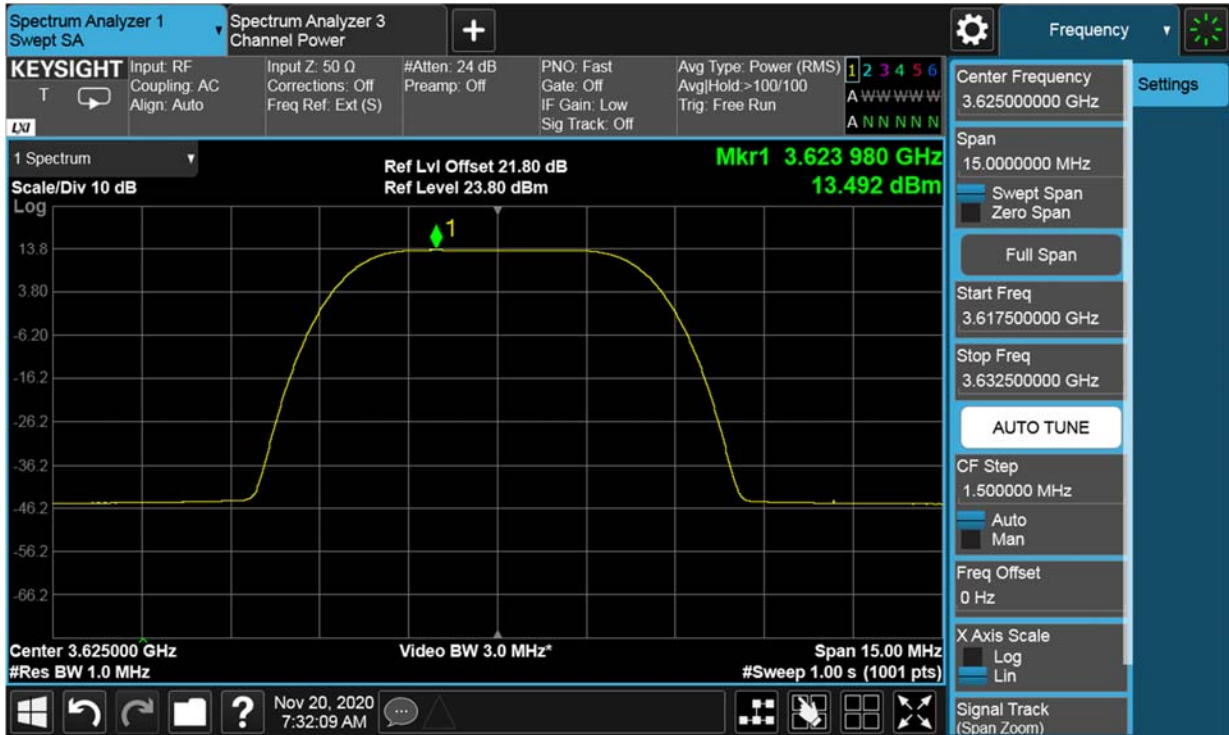
Frequency	Modulation	Carrier	4x4 MIMO PSD (dBm/MHz)	Antenna gain		EIRP PSD dBm/MHz	Limit (dBm/MHz)	Verdict
				(dBd)	(dBi)			
PSD Test data_Test Band: 48_3 carriers non-contiguous_5MHz+10MHz+15MHz								
LCH	QPSK	Carrier 1	10.34	/	4.00	14.34	20.0	PASS
	QPSK	Carrier 2	14.46	/	4.00	18.46	20.0	PASS
	QPSK	Carrier 3	11.03	/	4.00	15.03	20.0	PASS
HCH	QPSK	Carrier 1	11.96	/	4.00	15.96	20.0	PASS
	QPSK	Carrier 2	14.94	/	4.00	18.94	20.0	PASS
	QPSK	Carrier 3	8.97	/	4.00	12.97	20.0	PASS
PSD Test data_Test Band: 48_3 carriers non-contiguous_5MHz+10MHz+20MHz								
LCH	QPSK	Carrier 1	9.18	/	4.00	13.18	20.0	PASS
	QPSK	Carrier 2	14.49	/	4.00	18.49	20.0	PASS
	QPSK	Carrier 3	11.09	/	4.00	15.09	20.0	PASS
HCH	QPSK	Carrier 1	12.26	/	4.00	16.26	20.0	PASS
	QPSK	Carrier 2	14.66	/	4.00	18.66	20.0	PASS
	QPSK	Carrier 3	7.80	/	4.00	11.80	20.0	PASS
PSD Test data_Test Band: 48_3 carriers non-contiguous_5MHz+15MHz+20MHz								
LCH	QPSK	Carrier 1	9.19	/	4.00	13.19	20.0	PASS
	QPSK	Carrier 2	14.52	/	4.00	18.52	20.0	PASS
	QPSK	Carrier 3	9.167	/	4.00	13.17	20.0	PASS
HCH	QPSK	Carrier 1	10.58	/	4.00	14.58	20.0	PASS
	QPSK	Carrier 2	14.70	/	4.00	18.70	20.0	PASS
	QPSK	Carrier 3	7.71	/	4.00	11.71	20.0	PASS
PSD Test data_Test Band: 48_3 carriers non-contiguous_10MHz+15MHz+20 MHz								
LCH	QPSK	Carrier 1	9.19	/	4.00	13.19	20.0	PASS
	QPSK	Carrier 2	11.71	/	4.00	15.71	20.0	PASS
	QPSK	Carrier 3	9.17	/	4.00	13.17	20.0	PASS
HCH	QPSK	Carrier 1	10.50	/	4.00	14.50	20.0	PASS
	QPSK	Carrier 2	11.71	/	4.00	15.71	20.0	PASS
	QPSK	Carrier 3	7.72	/	4.00	11.72	20.0	PASS

Note:

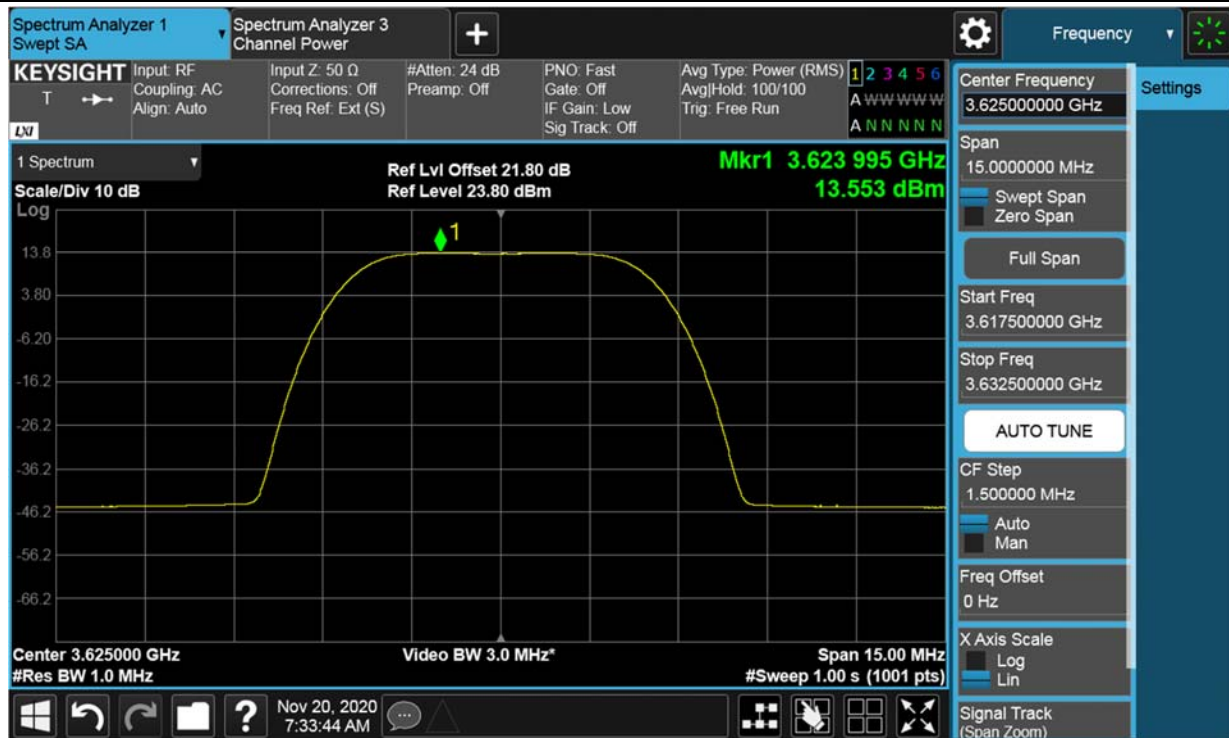
- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) Full RB test mode has the max power so only show power of full RB
- 3) PSD is the MIMO PSD, $\text{PSD} = \text{PSD at single port} + 10\log(n)$

LTE TDD Band 48, Nominal Bandwidth: 5MHz_Single carrier , PSD , SISO

Modulation : QPSK

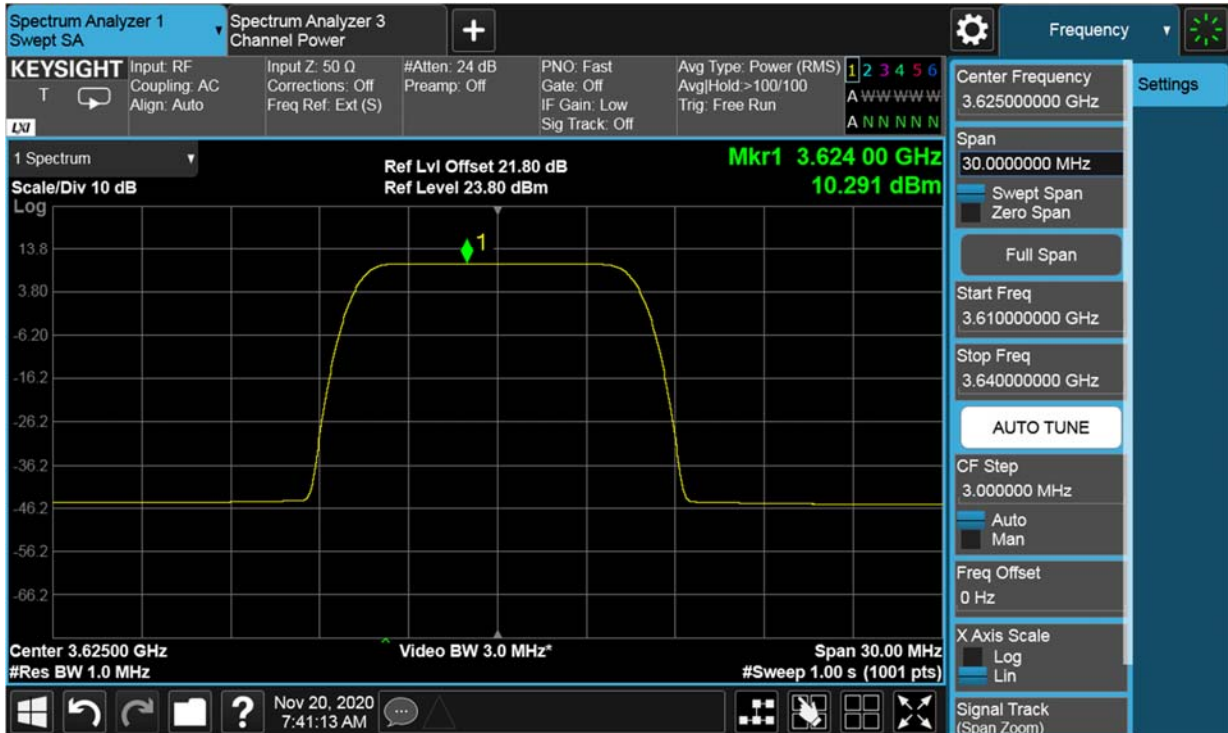


Modulation : 16QAM/64QAM/256QAM

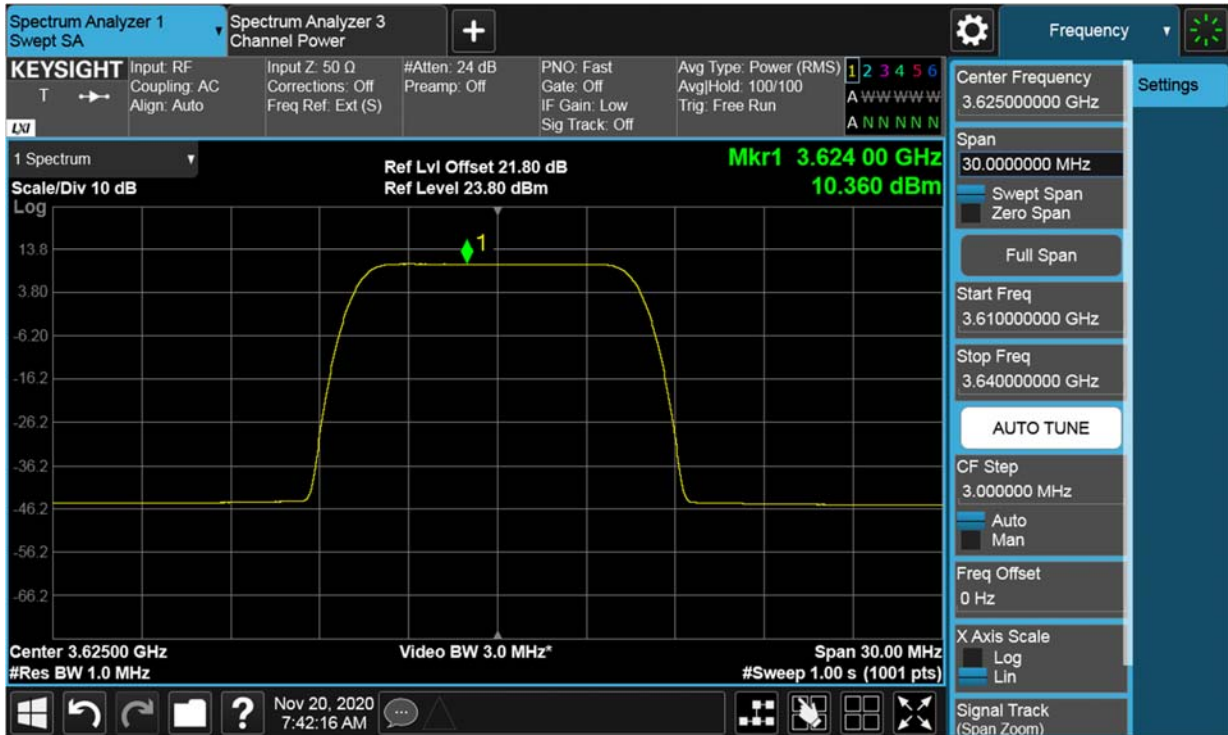


LTE TDD Band 48, Nominal Bandwidth: 10MHz_Single carrier , PSD , SISO

Modulation : QPSK

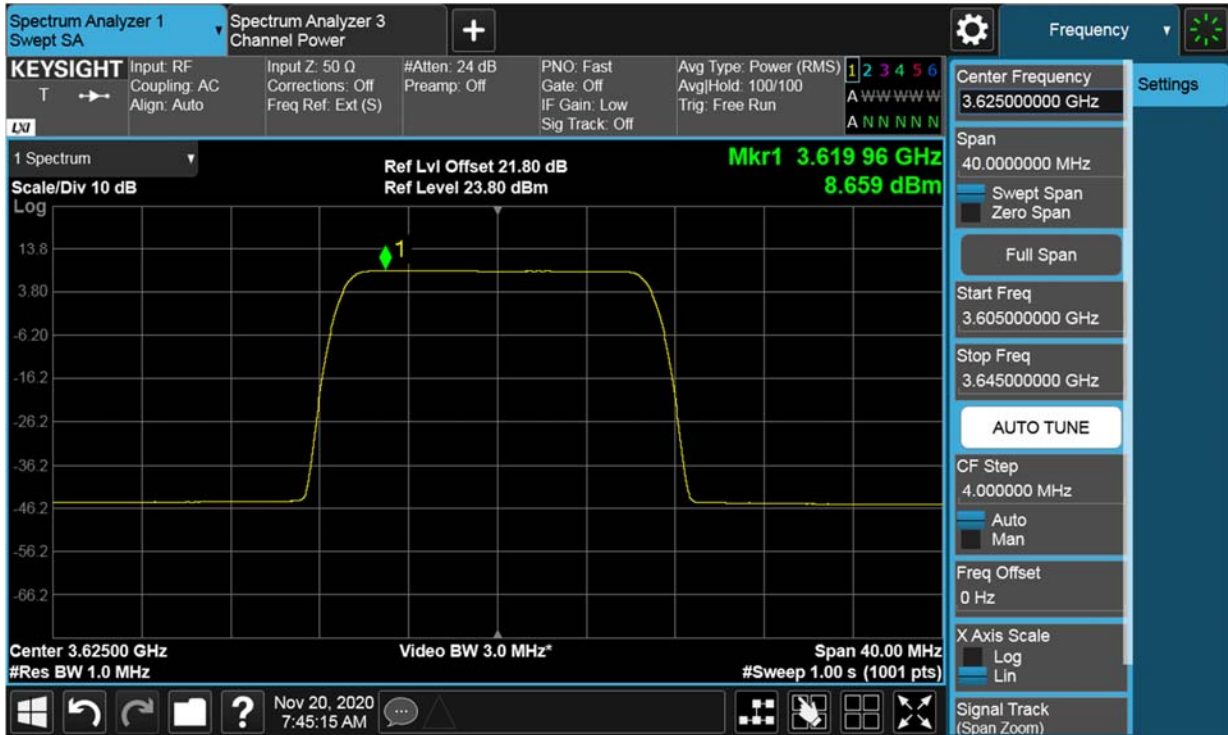


Modulation : 16QAM/64QAM/256QAM

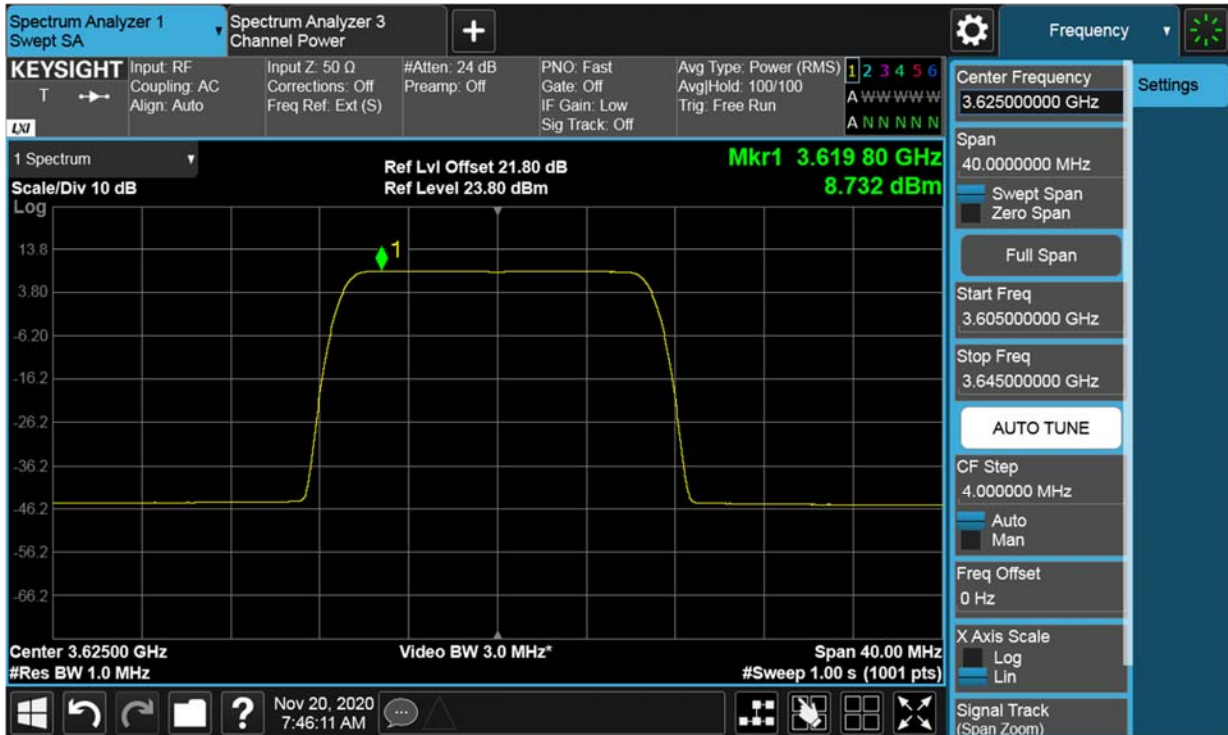


LTE TDD Band 48, Nominal Bandwidth: 15MHz_Single carrier , PSD , SISO

Modulation : QPSK

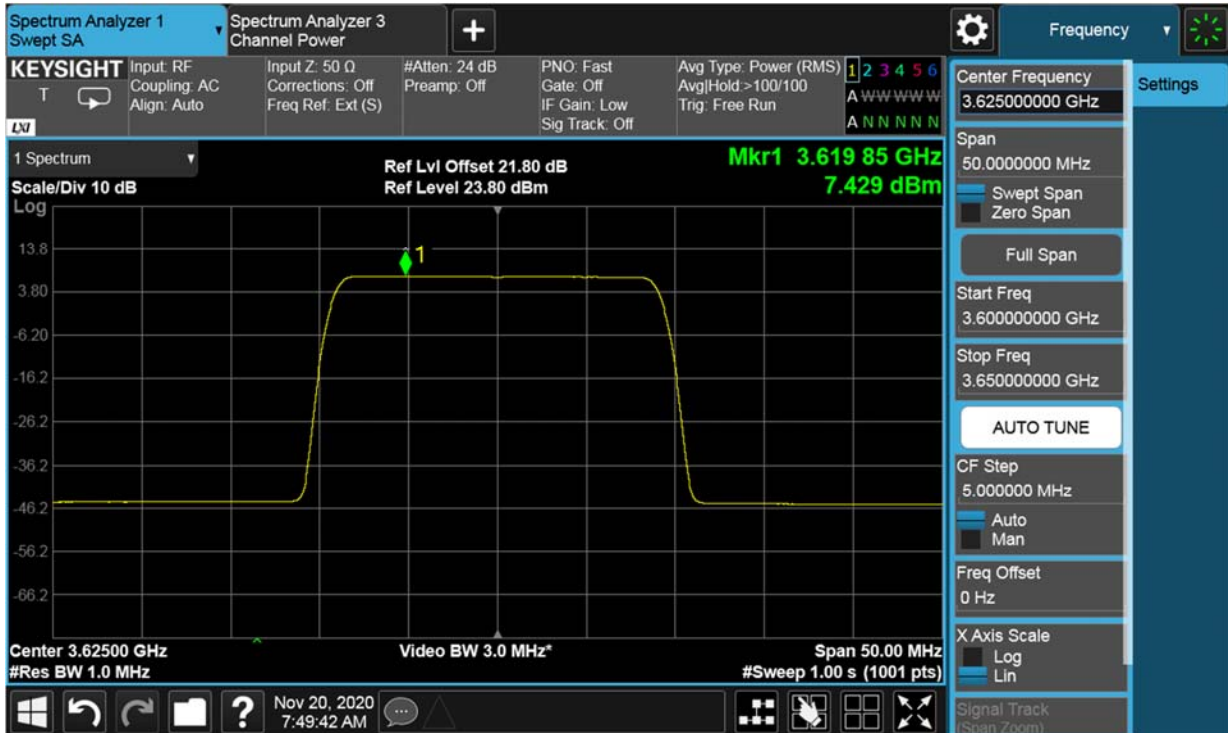


Modulation : 16QAM/64QAM/256QAM

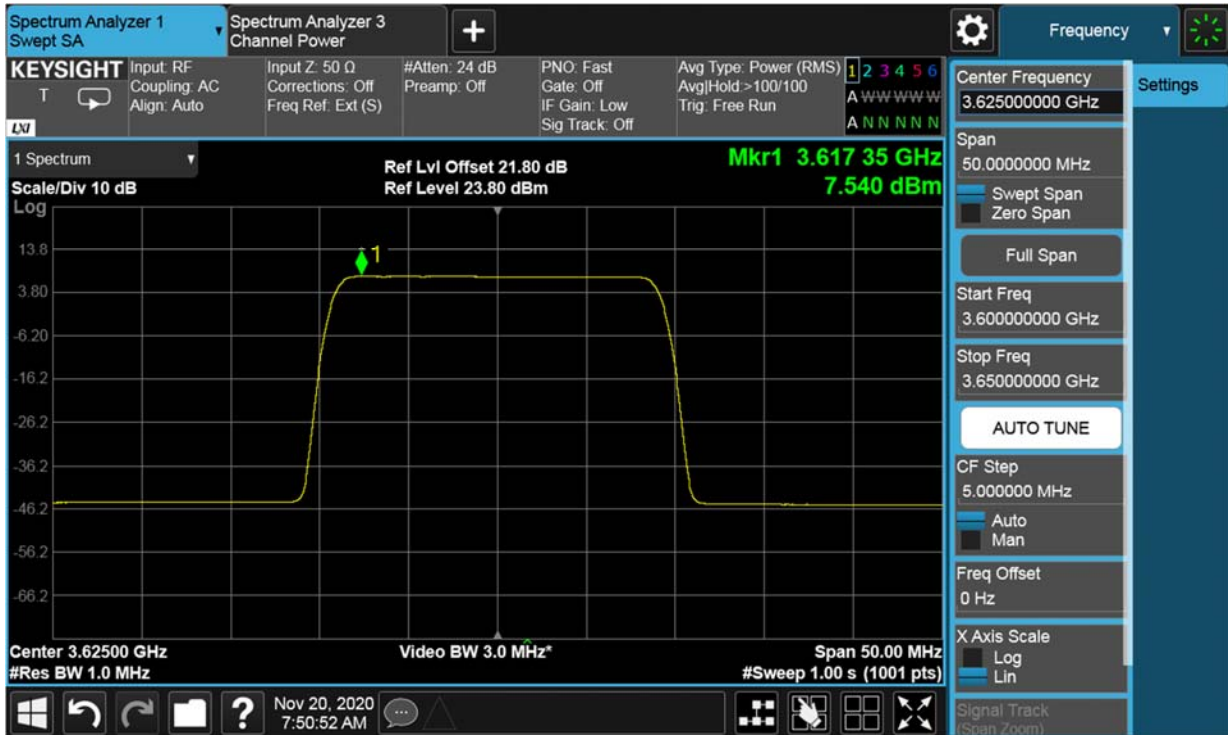


LTE TDD Band 48, Nominal Bandwidth: 20MHz_Single carrier , PSD , SISO

Modulation : QPSK

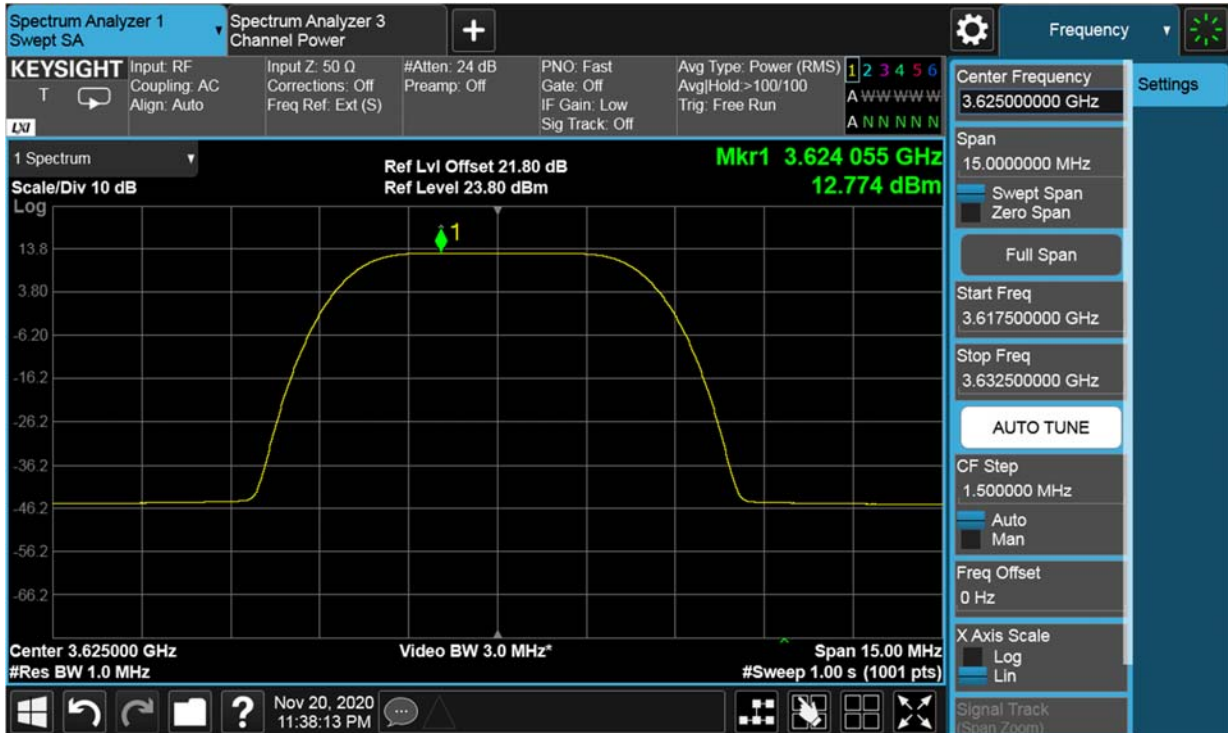


Modulation : 16QAM/64QAM/256QAM

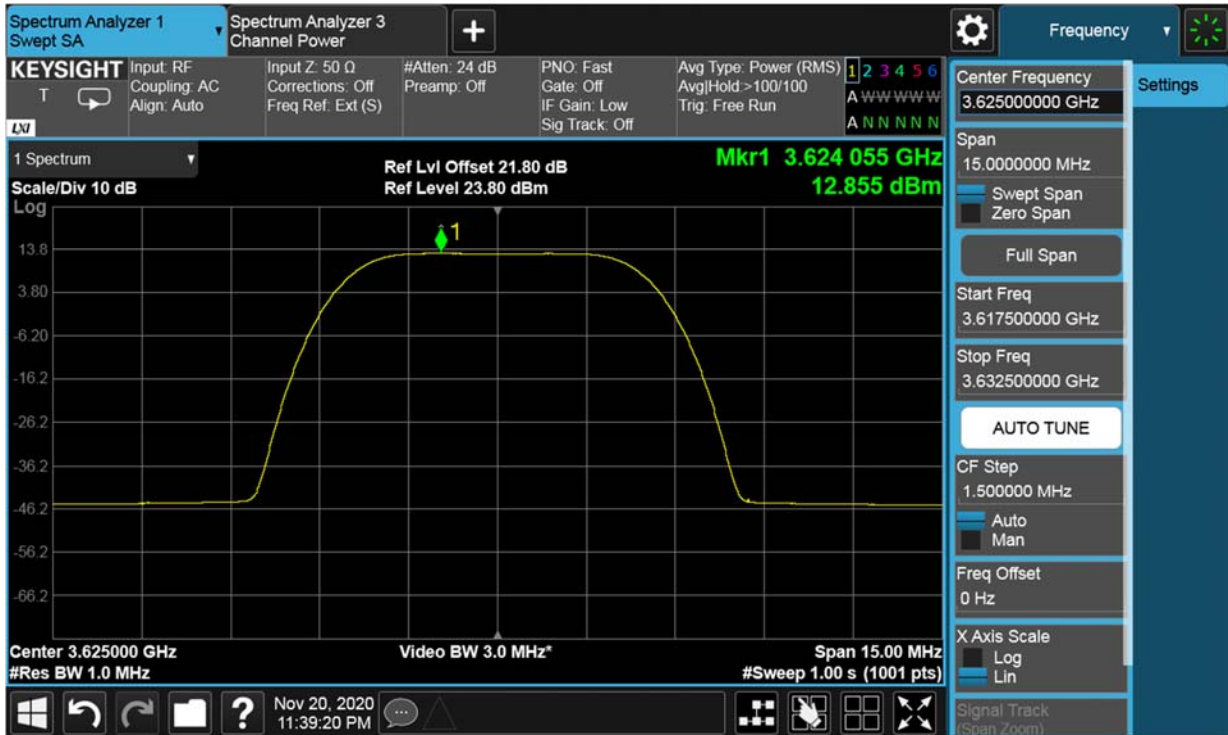


LTE TDD Band 48, Nominal Bandwidth: 5MHz_Single carrier , PSD , 2x2 MIMO

Modulation : QPSK

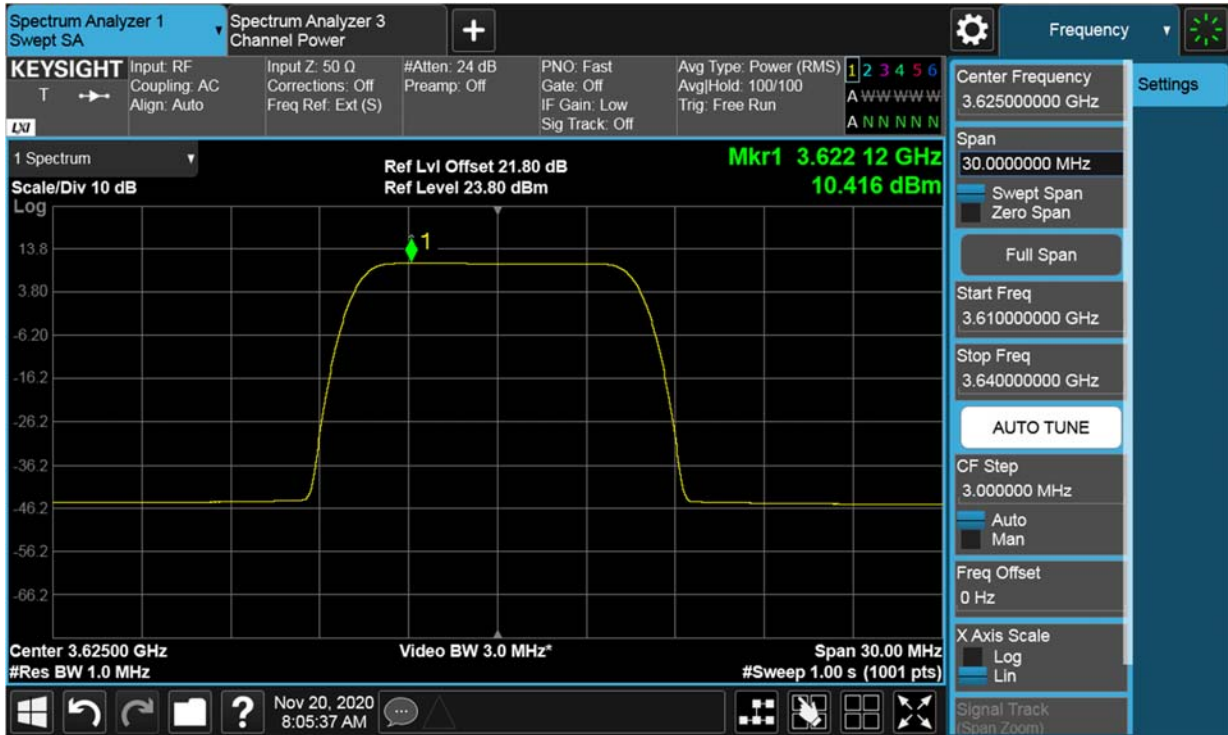


Modulation : 16QAM/64QAM/256QAM

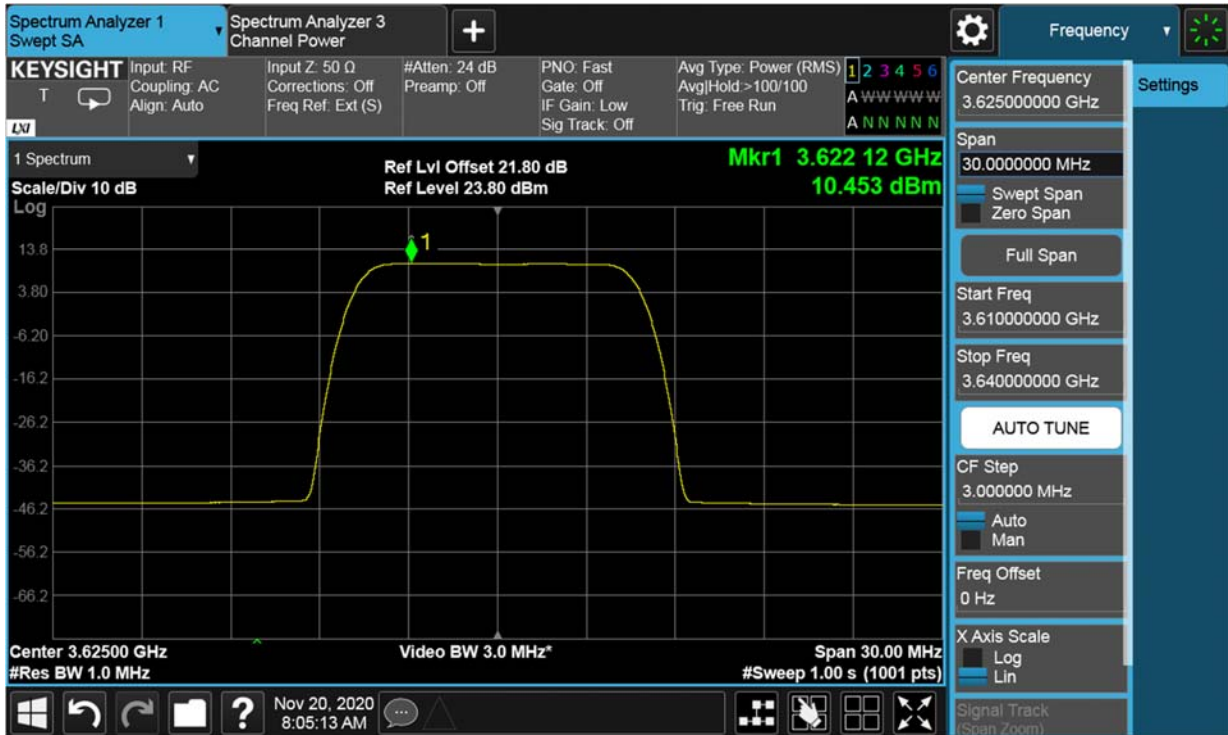


LTE TDD Band 48, Nominal Bandwidth: 10MHz_Single carrier , PSD , 2x2 MIMO

Modulation : QPSK

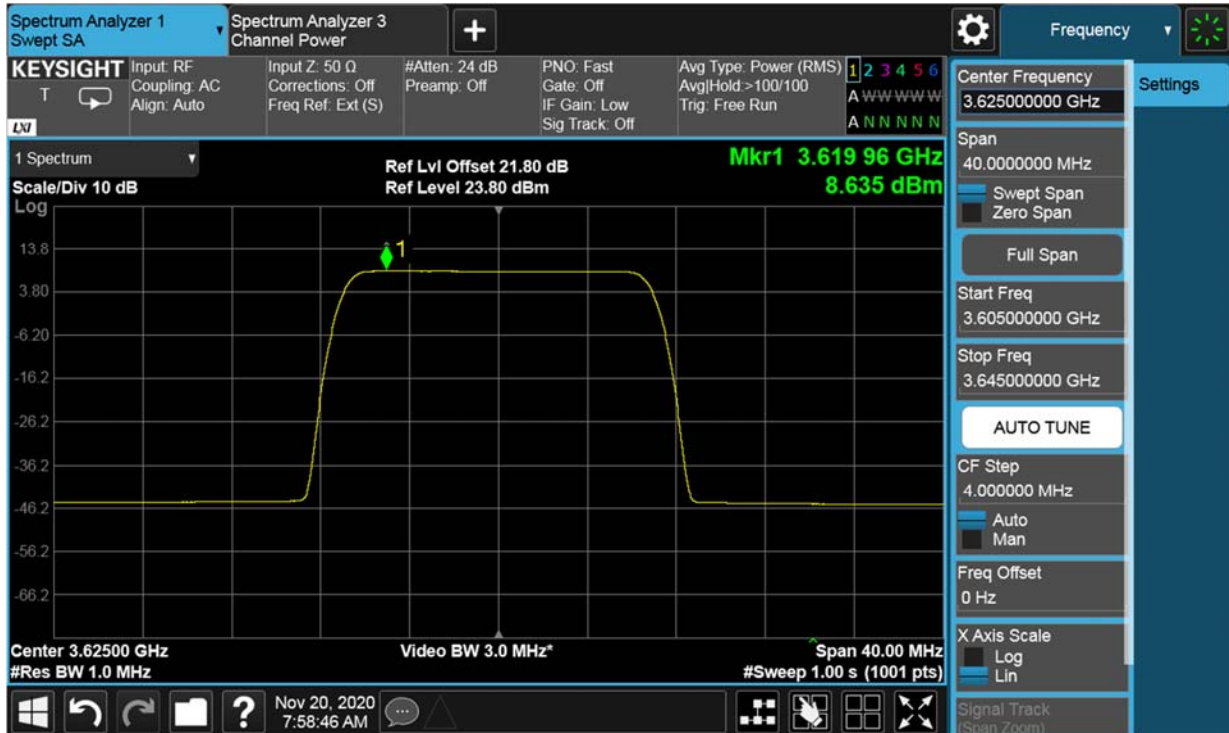


Modulation : 16QAM/64QAM/256QAM

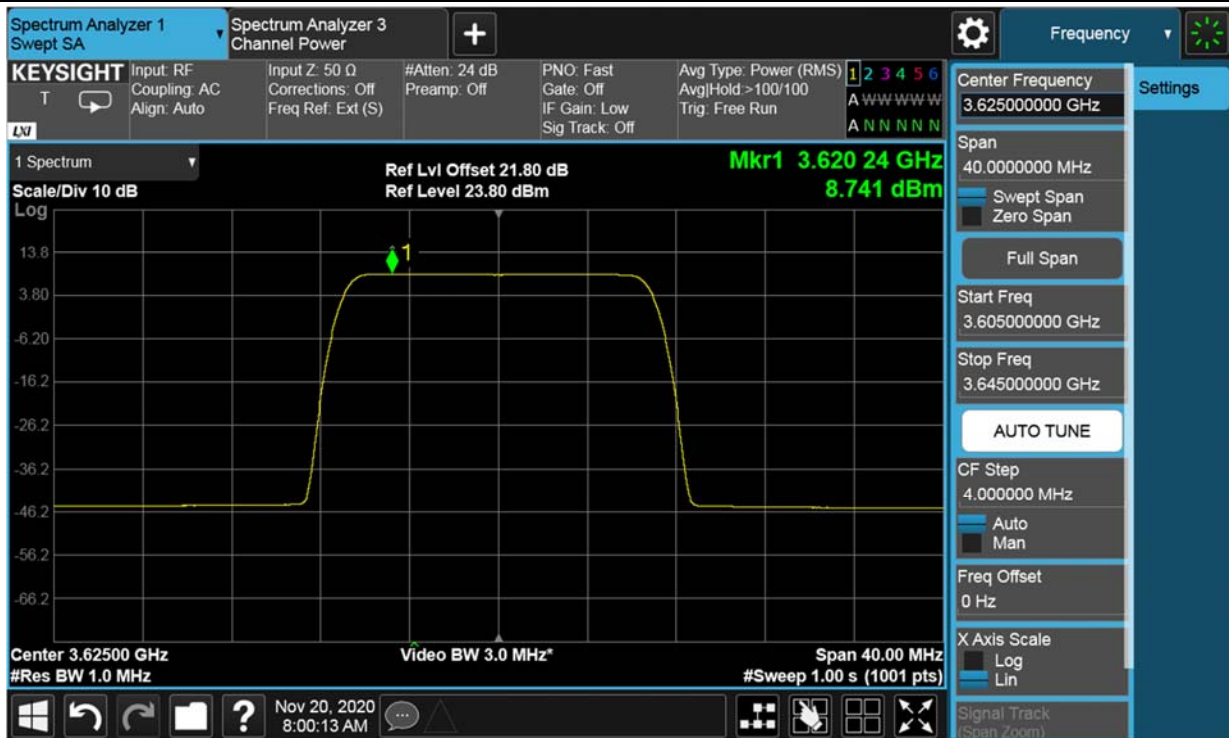


LTE TDD Band 48, Nominal Bandwidth: 15MHz_Single carrier , PSD , 2x2 MIMO

Modulation : QPSK

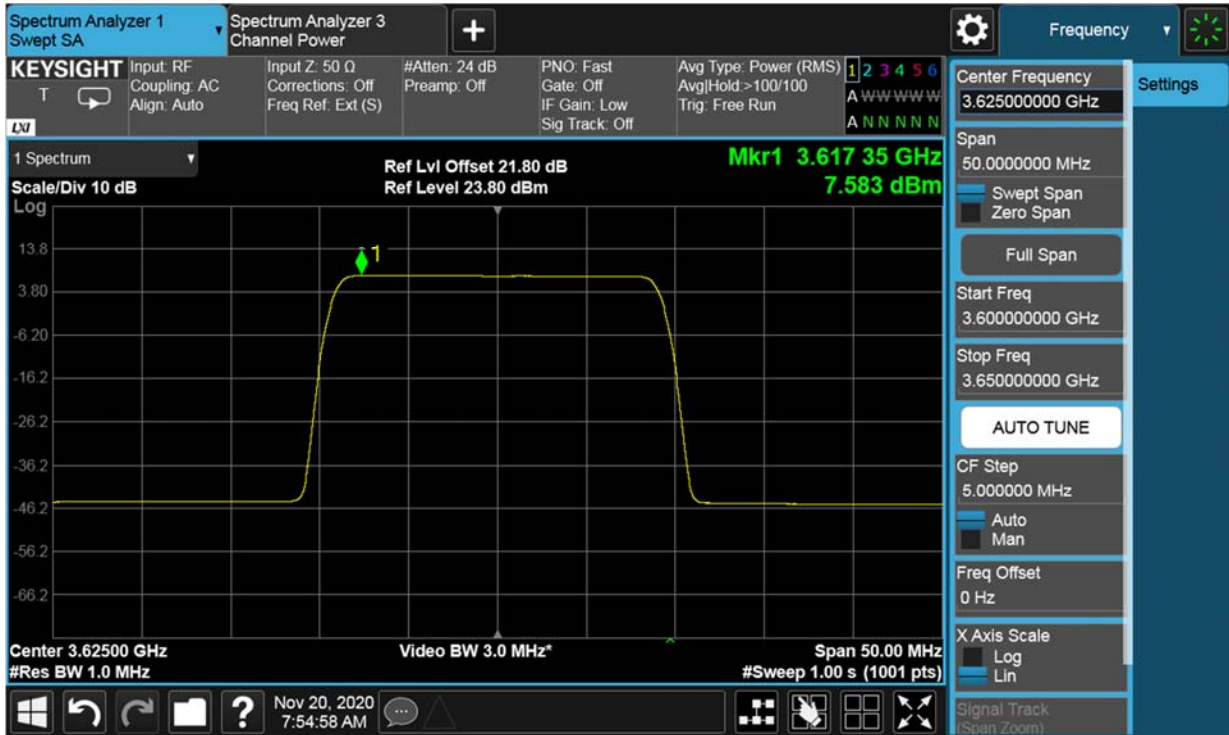


Modulation : 16QAM/64QAM/256QAM

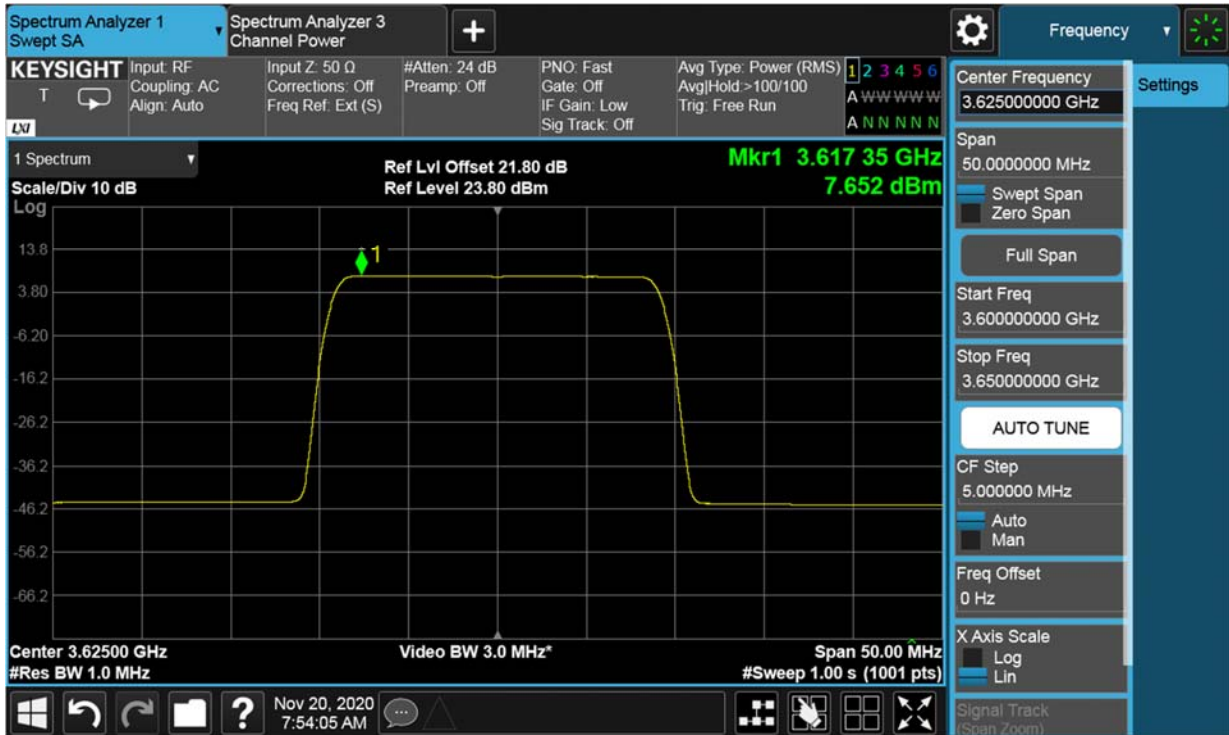


LTE TDD Band 48, Nominal Bandwidth: 20MHz_Single carrier , PSD , 2x2 MIMO

Modulation : QPSK

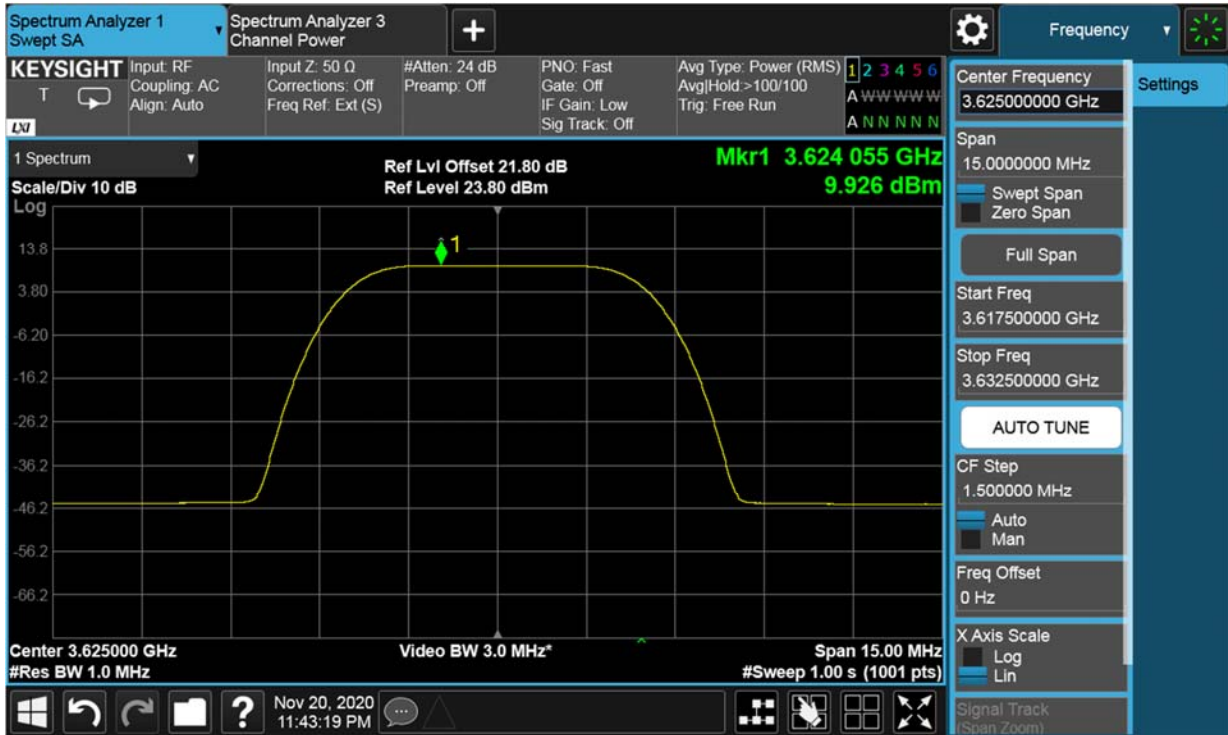


Modulation : 16QAM/64QAM/256QAM

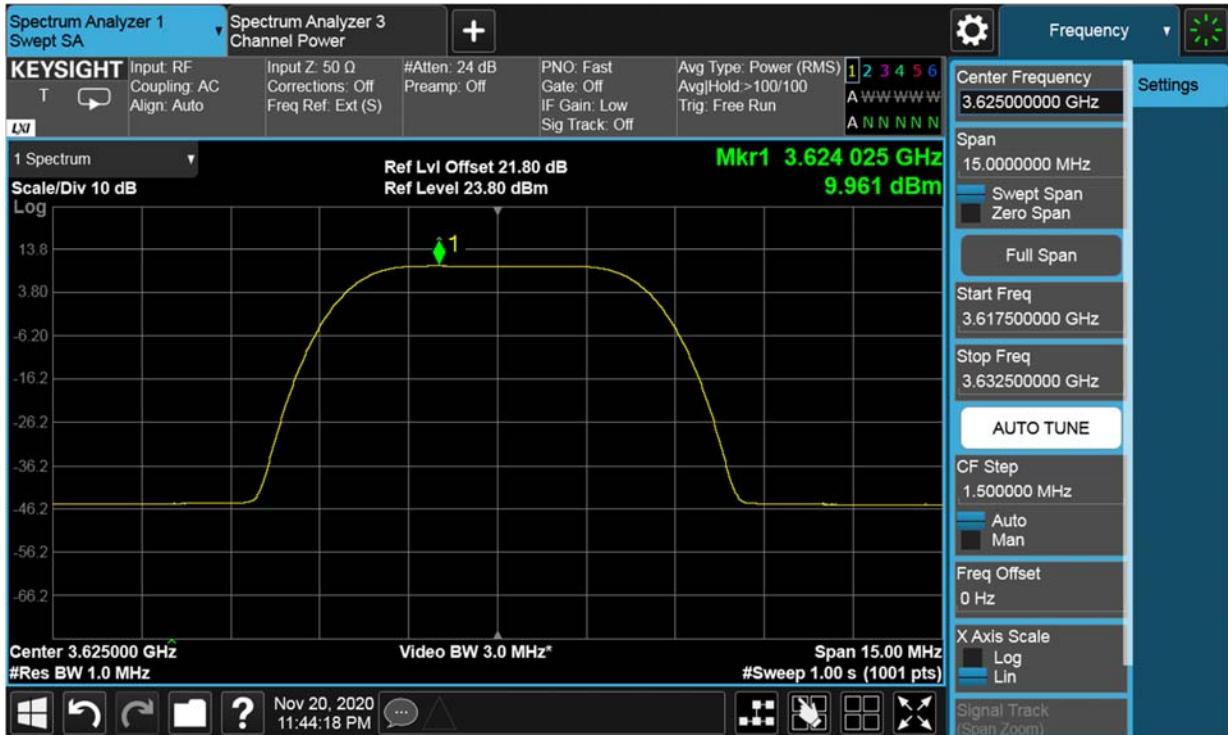


LTE TDD Band 48, Nominal Bandwidth: 5MHz_Single carrier , PSD , 4x4 MIMO

Modulation : QPSK

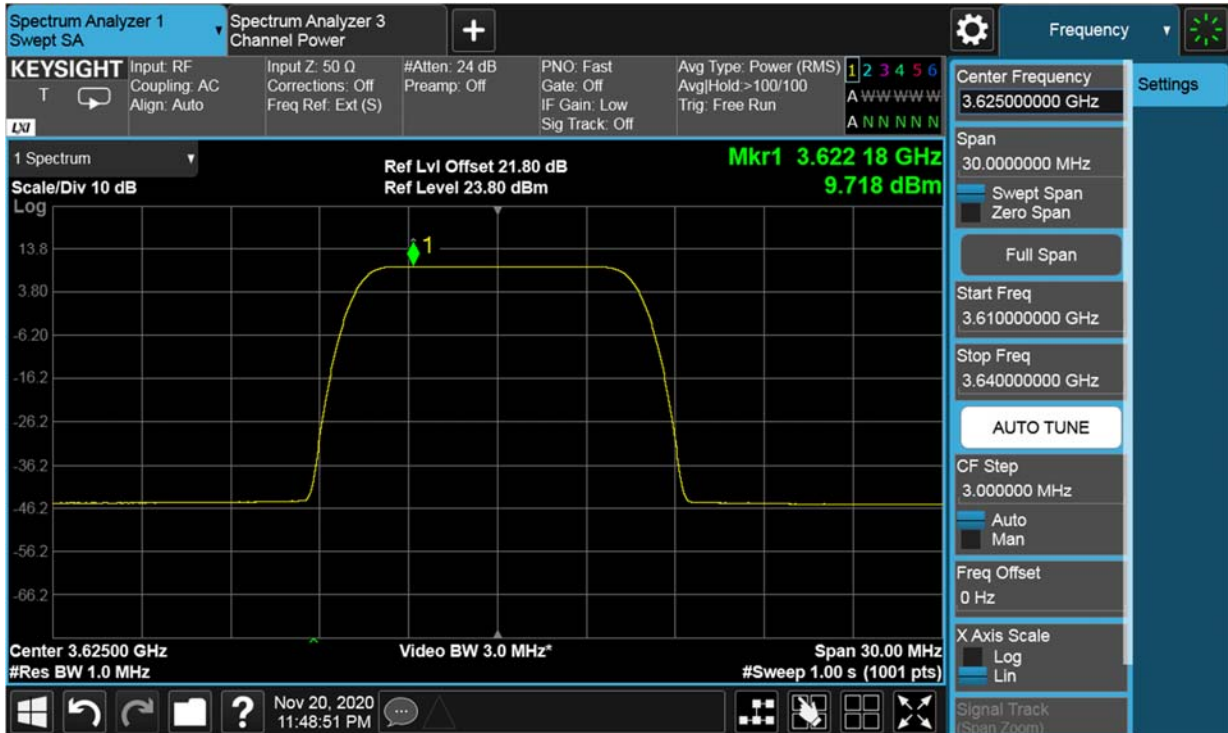


Modulation : 16QAM/64QAM/256QAM

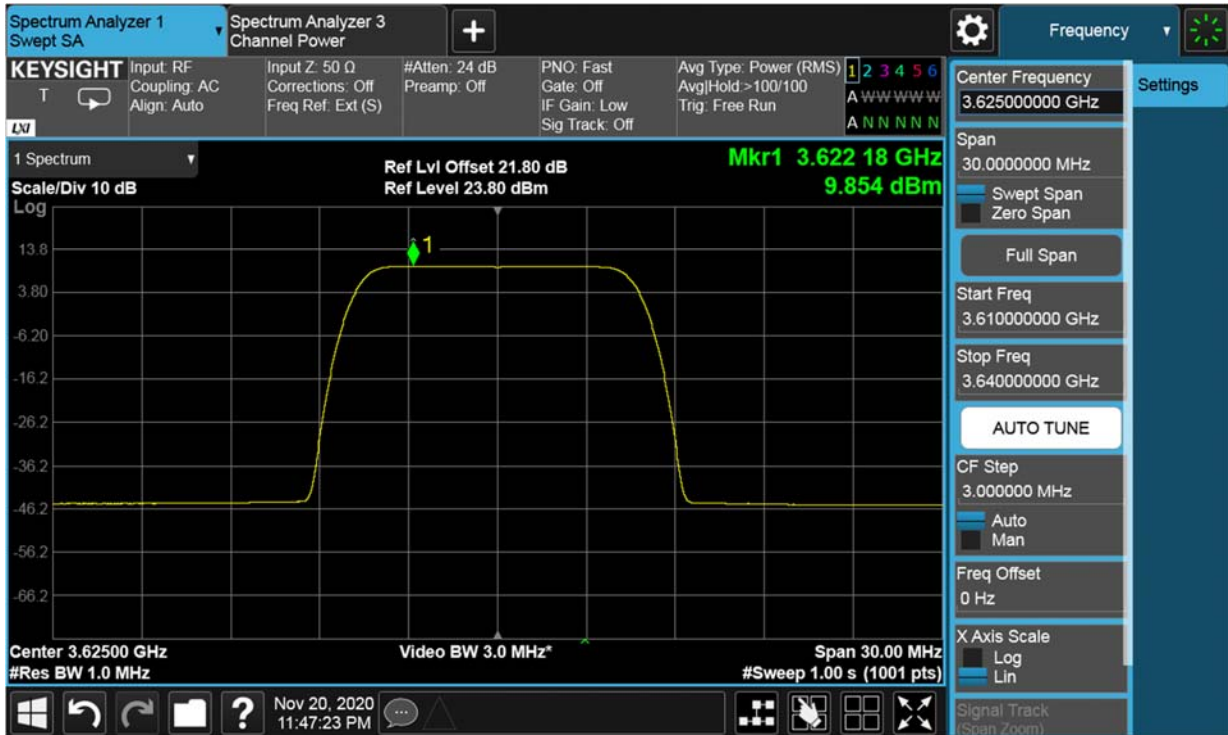


LTE TDD Band 48, Nominal Bandwidth: 10MHz_Single carrier , PSD , 4x4 MIMO

Modulation : QPSK

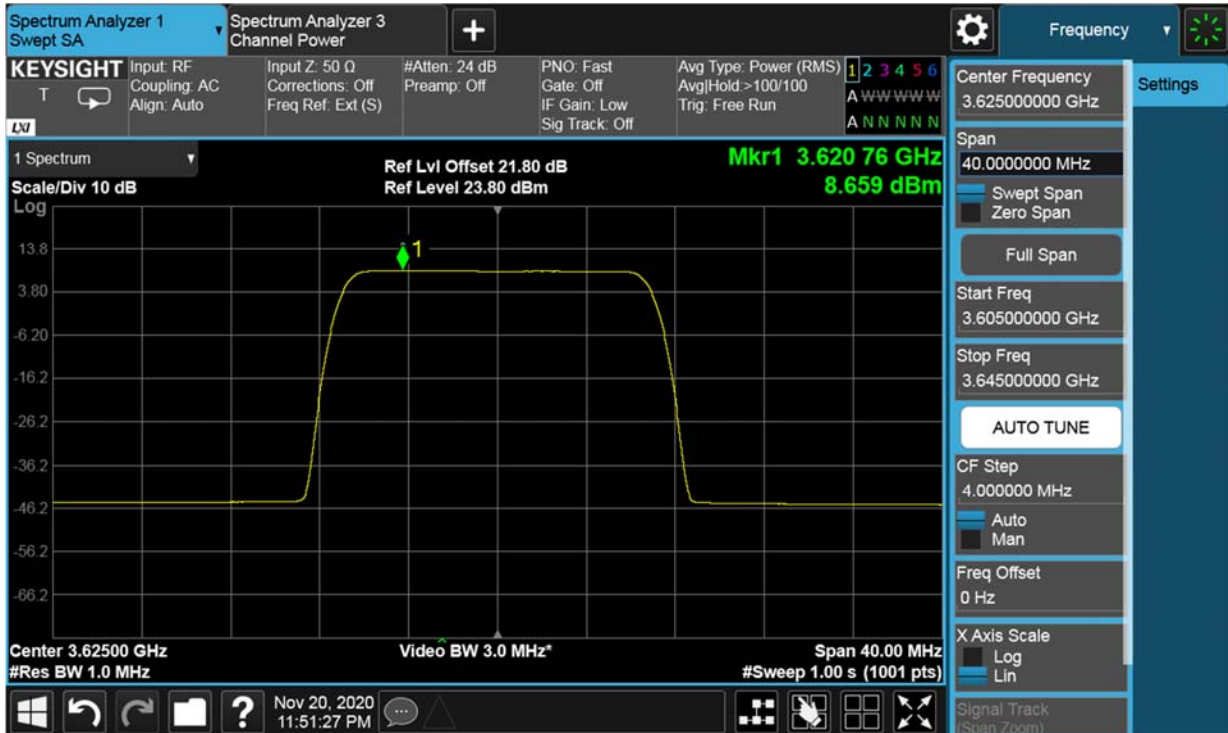


Modulation : 16QAM/64QAM/256QAM

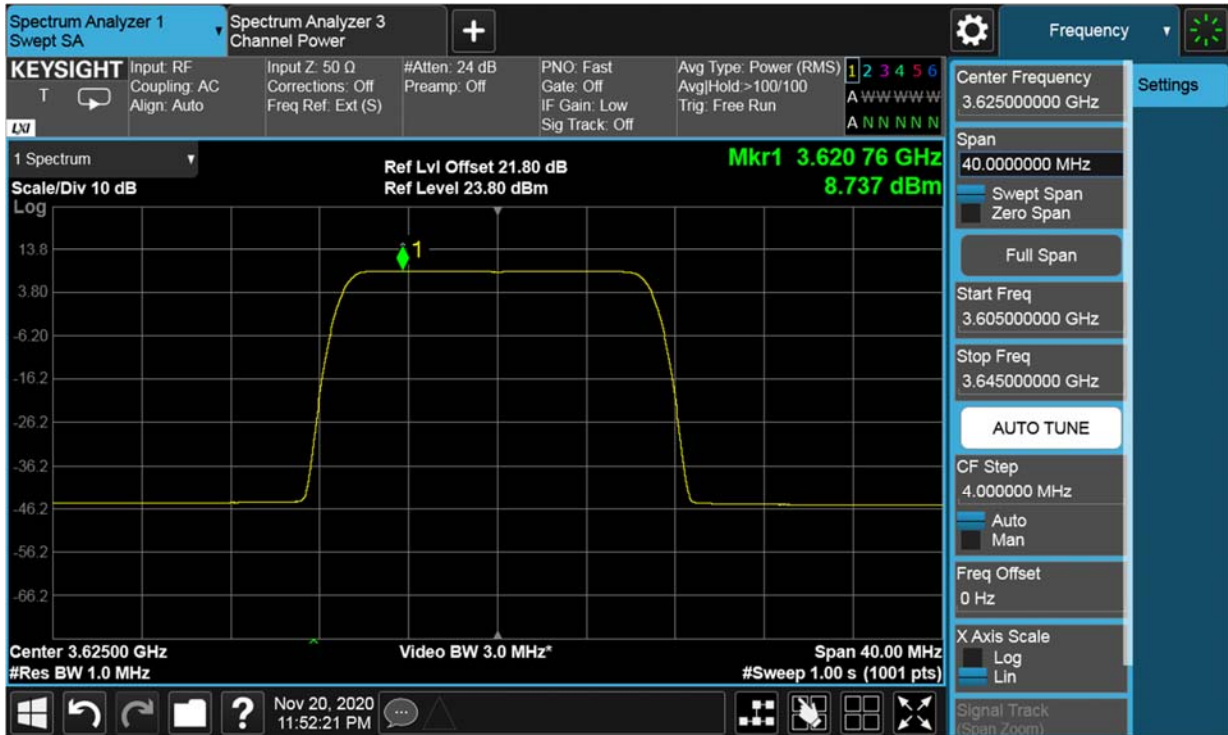


LTE TDD Band 48, Nominal Bandwidth: 15MHz_Single carrier , PSD , 4x4 MIMO

Modulation : QPSK

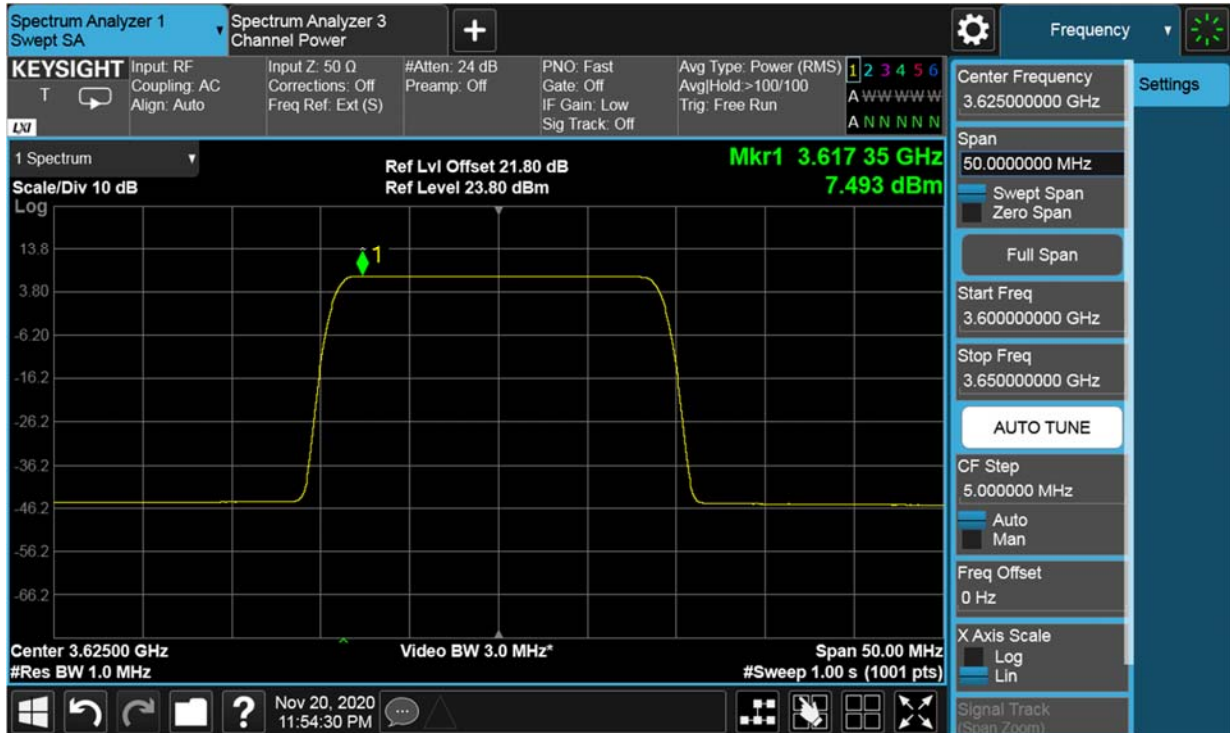


Modulation : 16QAM/64QAM/256QAM

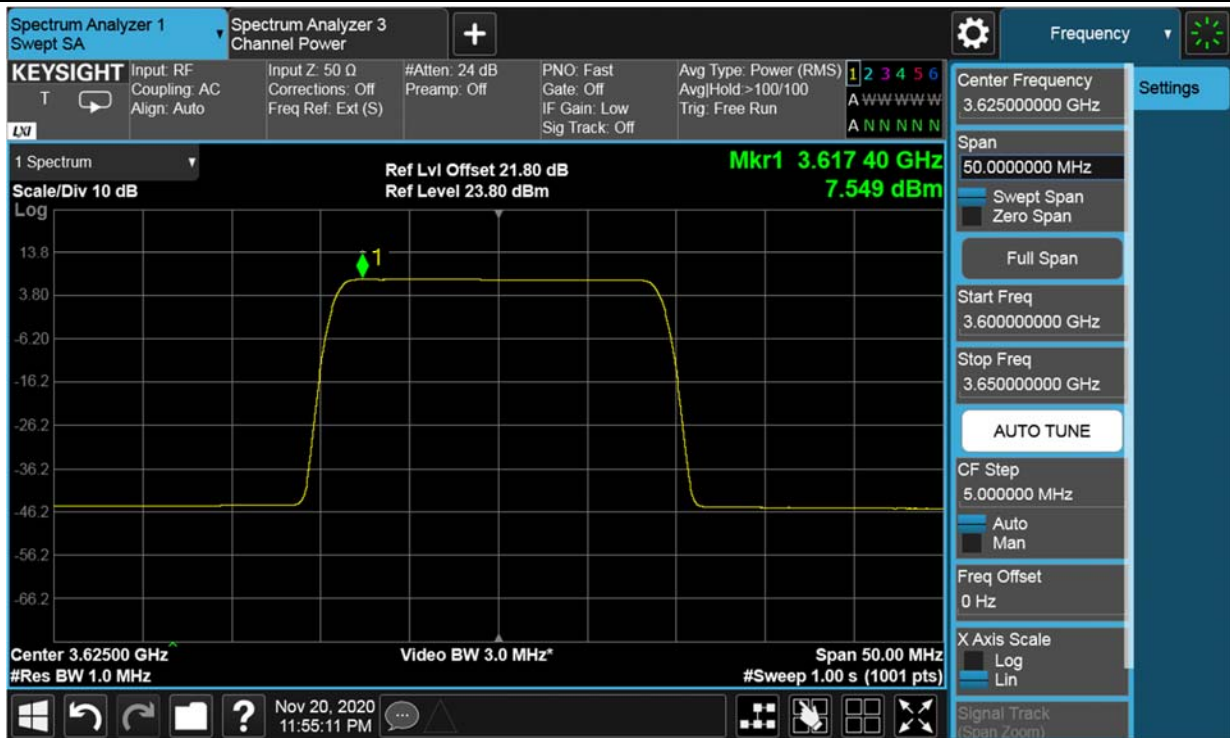


LTE TDD Band 48, Nominal Bandwidth: 20MHz_Single carrier , PSD , 4x4 MIMO

Modulation : QPSK

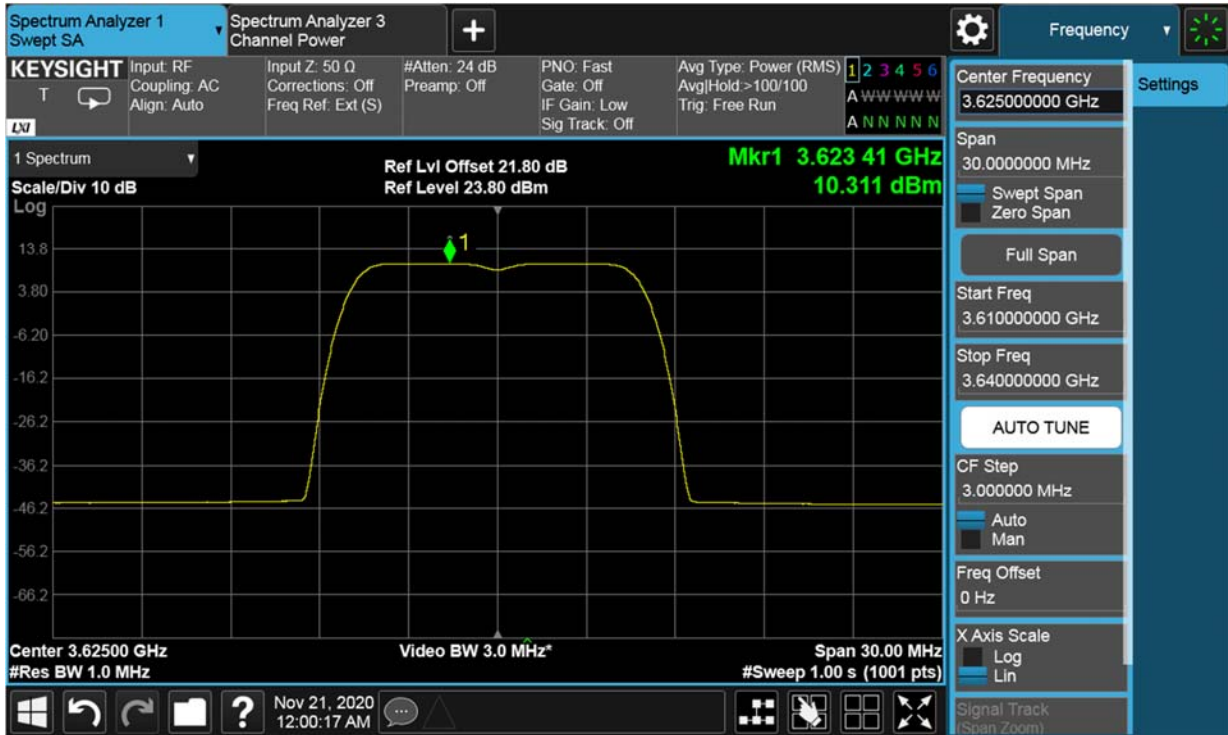


Modulation : 16QAM/64QAM/256QAM

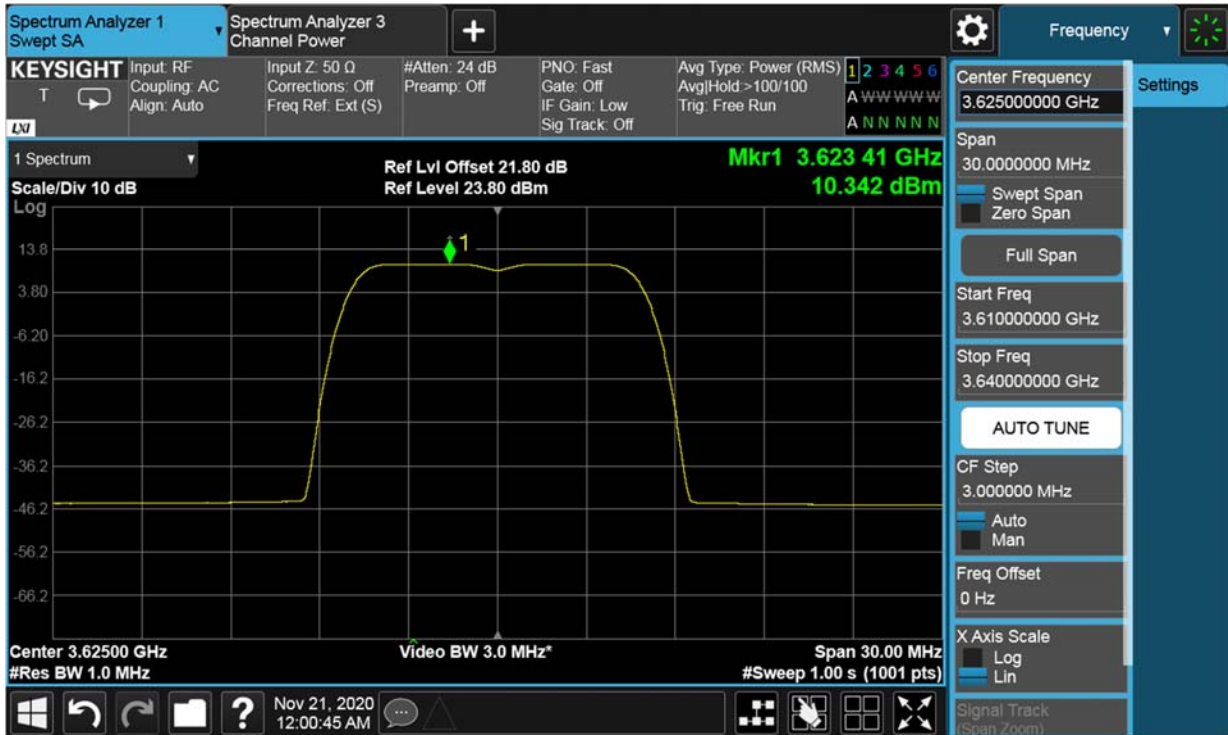


LTE TDD Band 48, Nominal Bandwidth: 5MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK

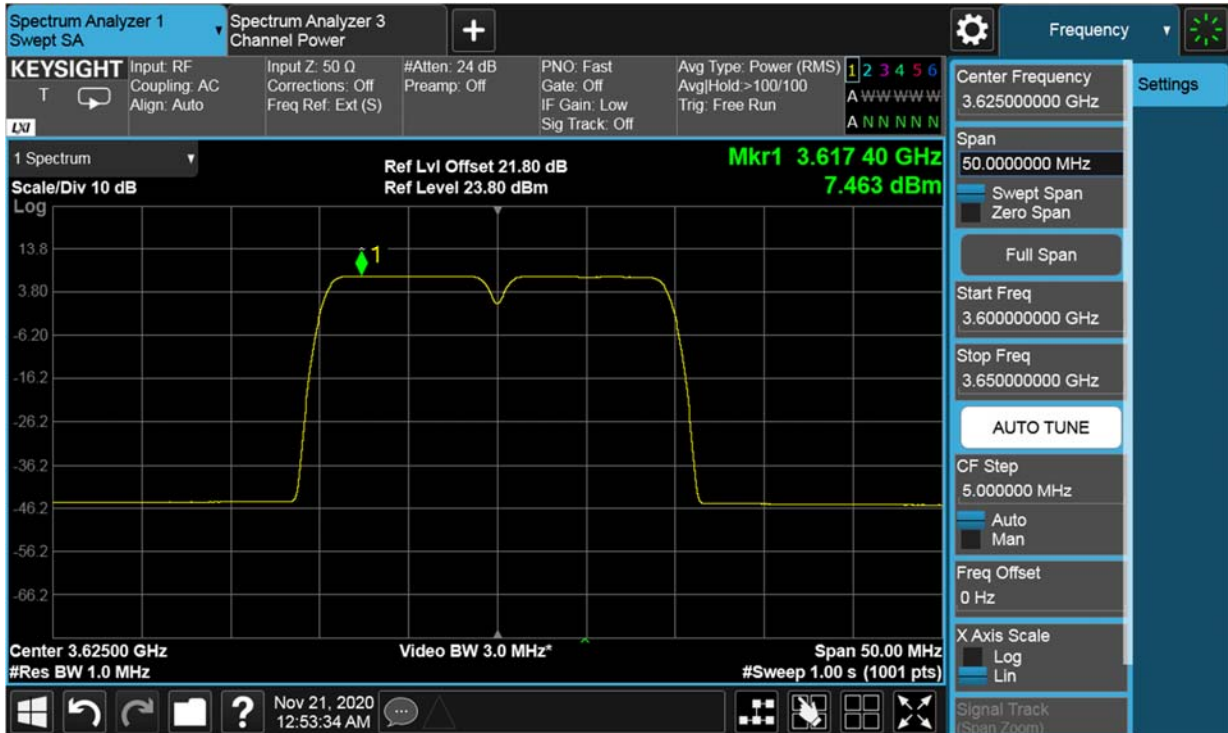


Modulation : 16QAM/64QAM/256QAM

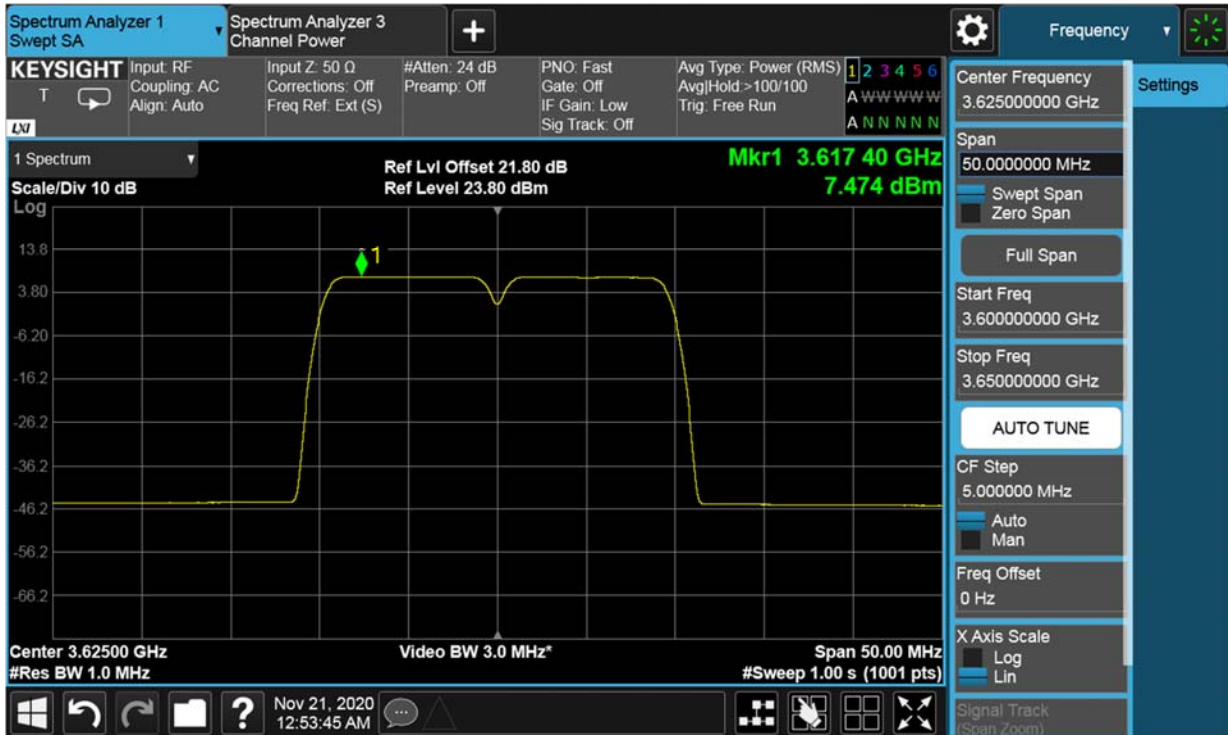


LTE TDD Band 48, Nominal Bandwidth: 10MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK

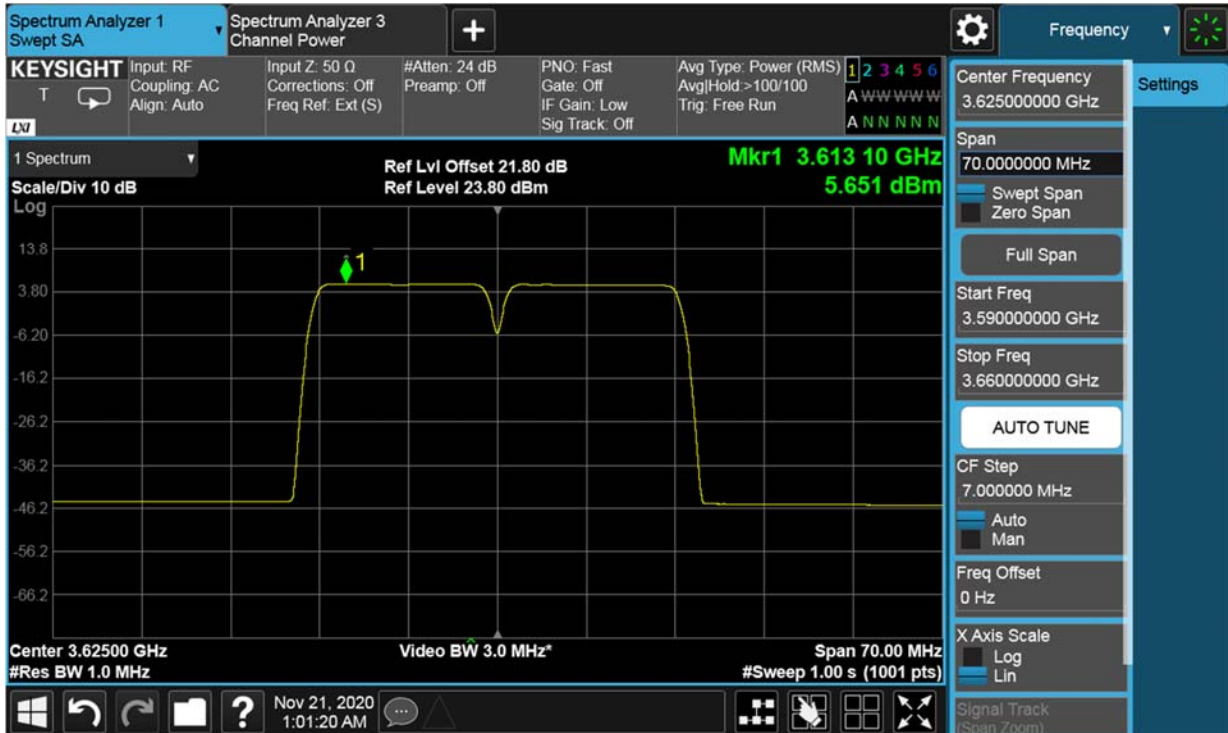


Modulation : 16QAM/64QAM/256QAM

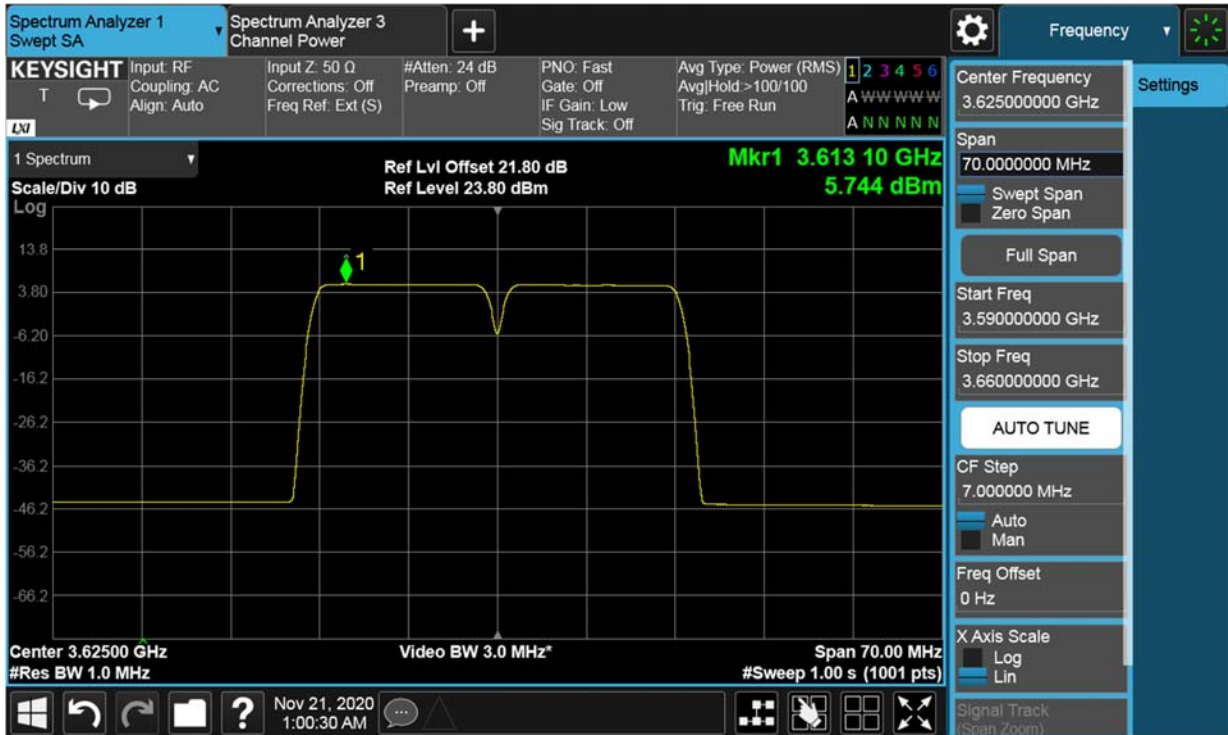


LTE TDD Band 48, Nominal Bandwidth: 15MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK

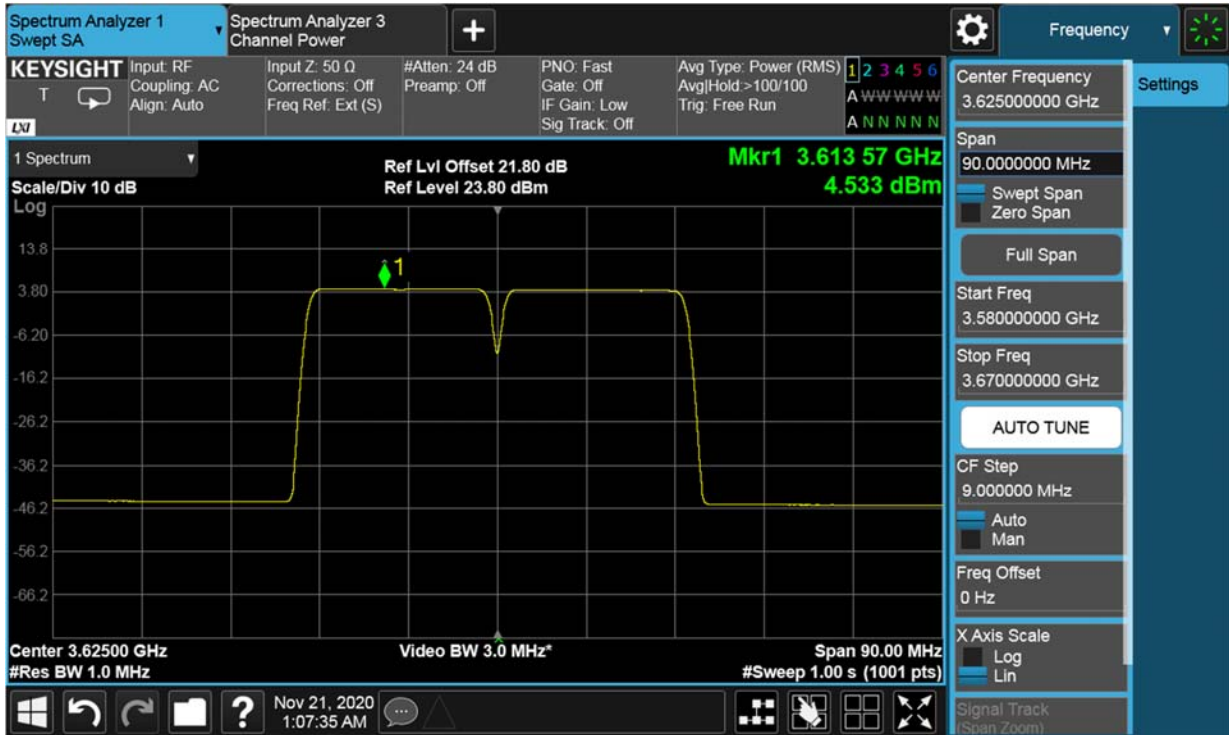


Modulation : 16QAM/64QAM/256QAM

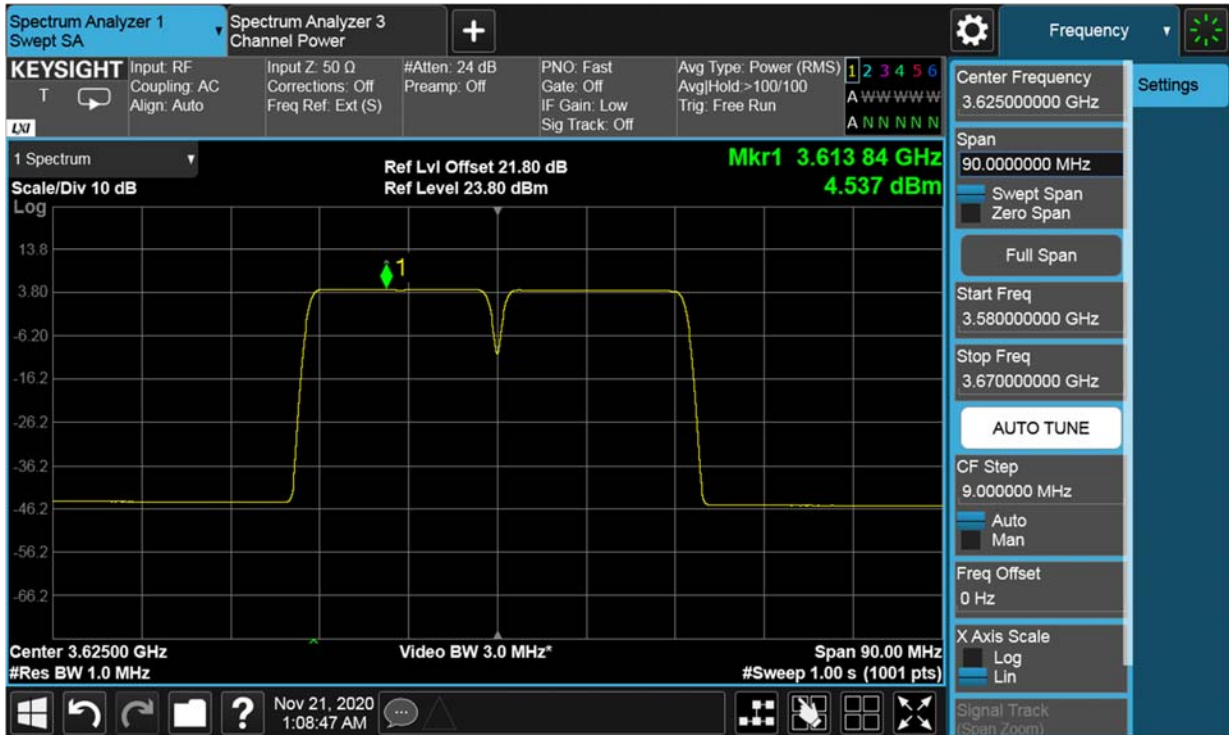


LTE TDD Band 48, Nominal Bandwidth: 20MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK

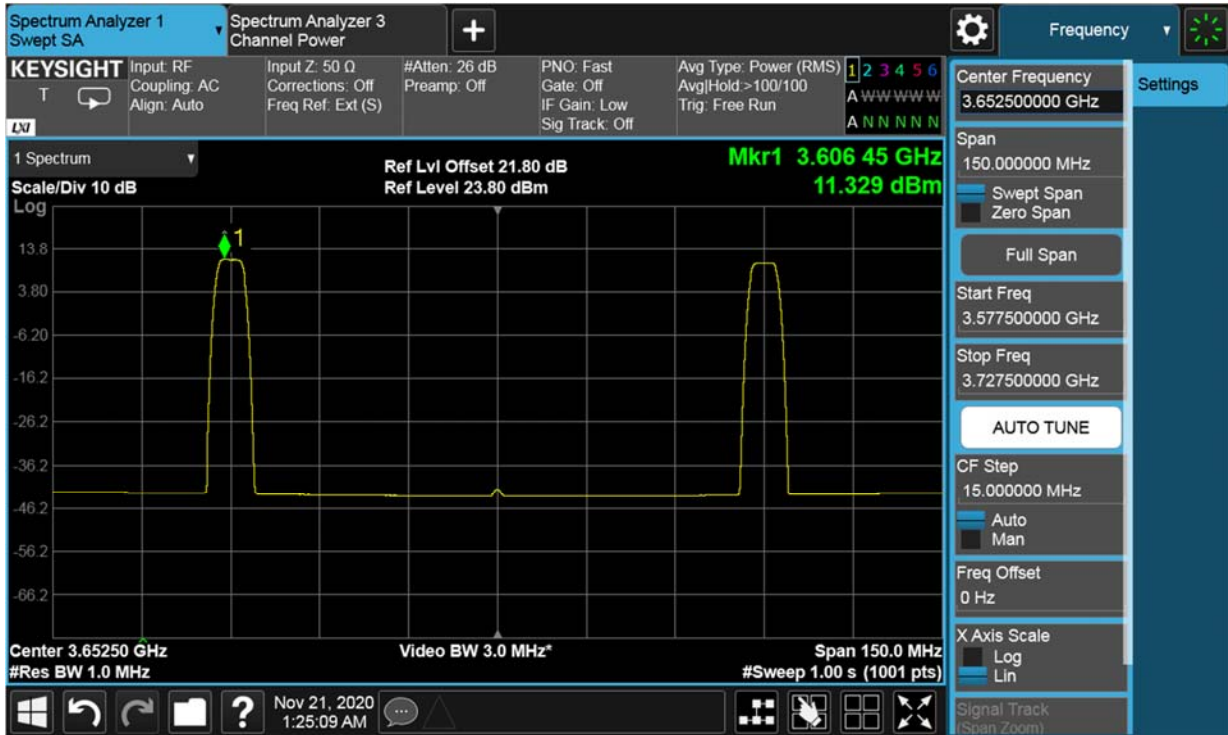


Modulation : 16QAM/64QAM/256QAM

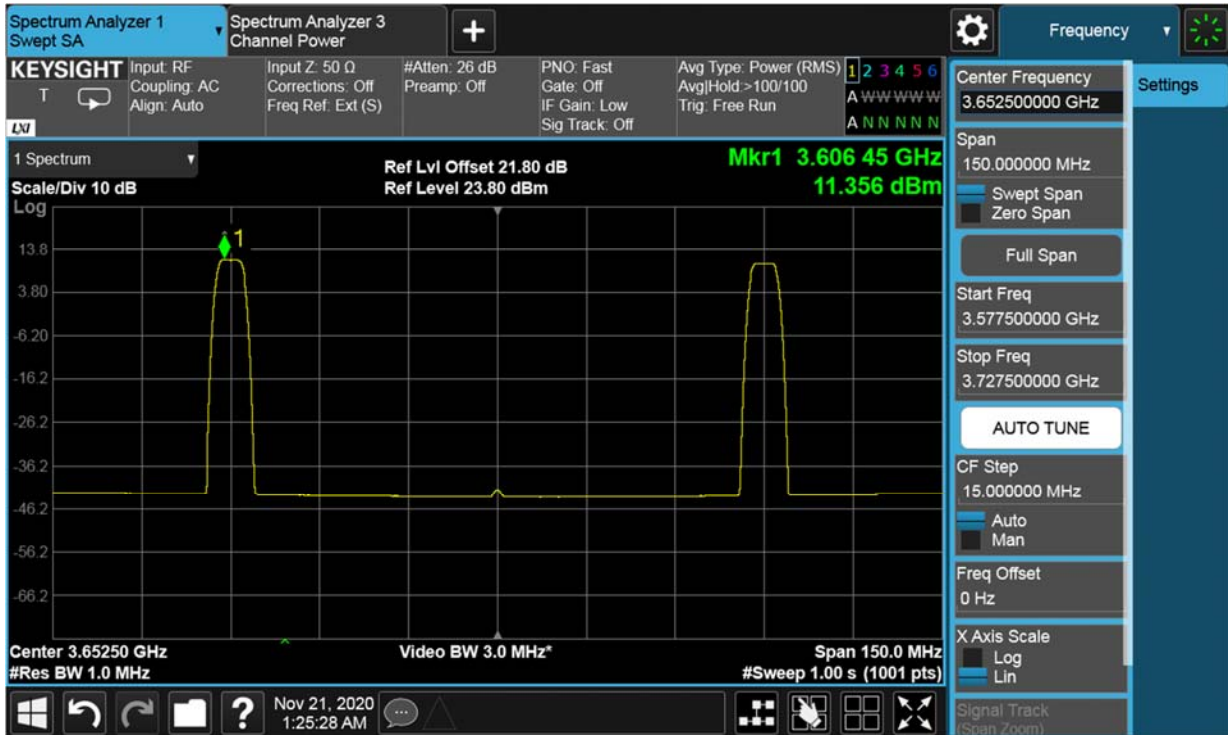


LTE TDD Band 48, Nominal Bandwidth: 5MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK

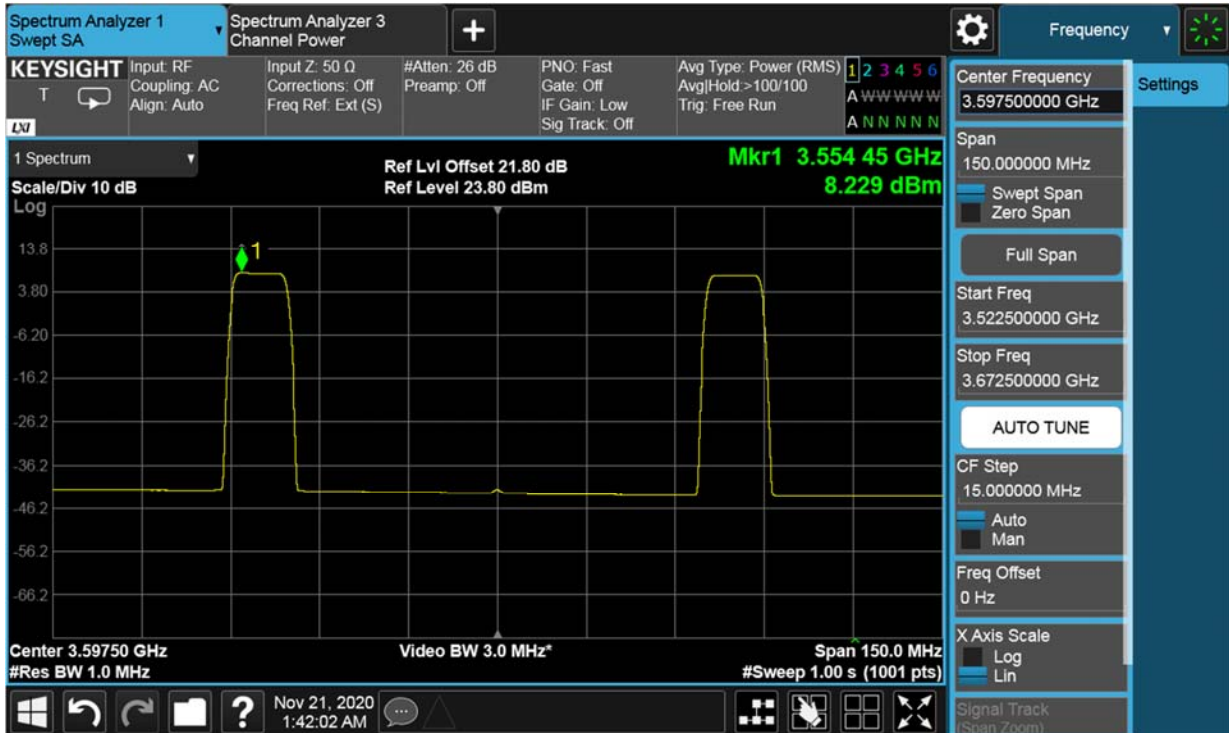


Modulation : 16QAM/64QAM/256QAM

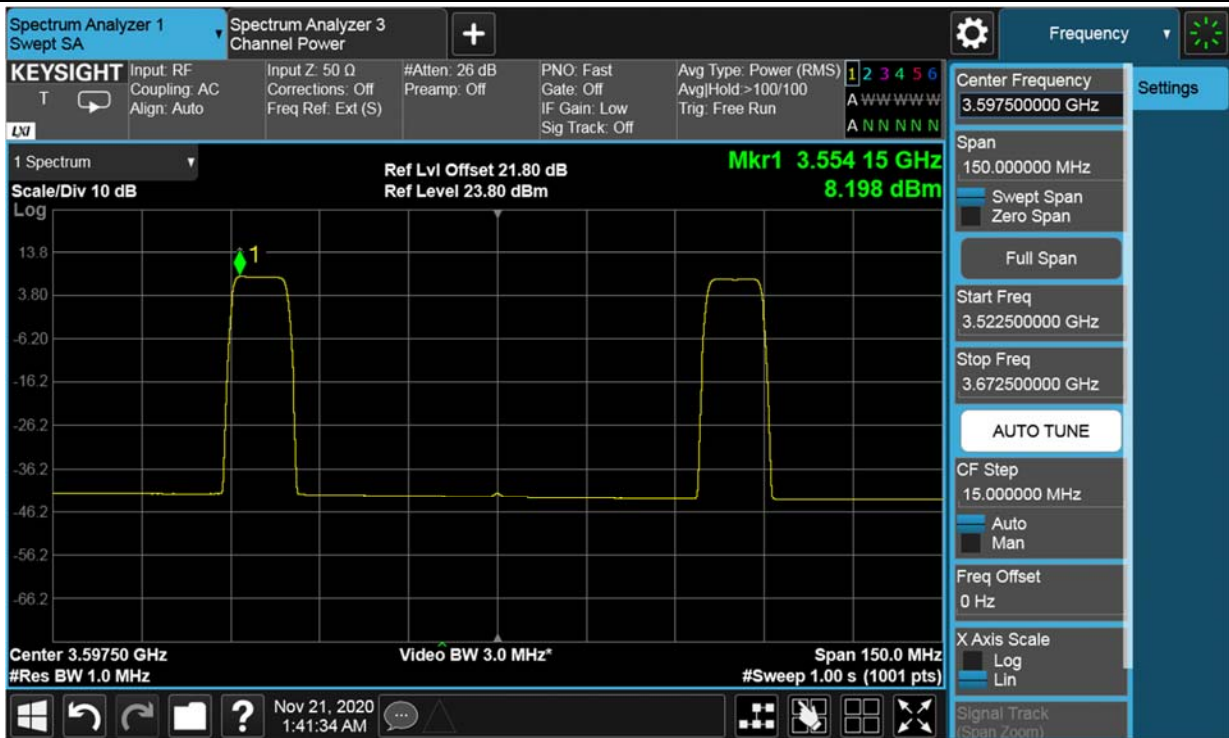


LTE TDD Band 48, Nominal Bandwidth: 10MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK

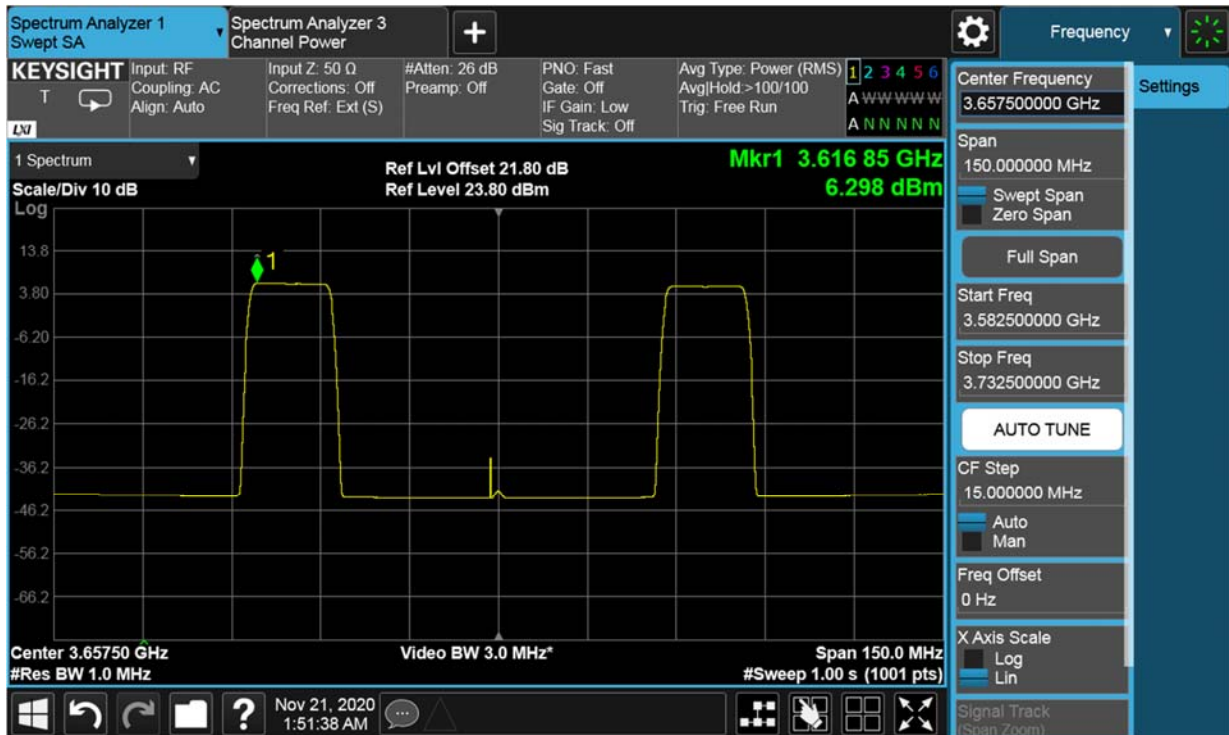


Modulation : 16QAM/64QAM/256QAM

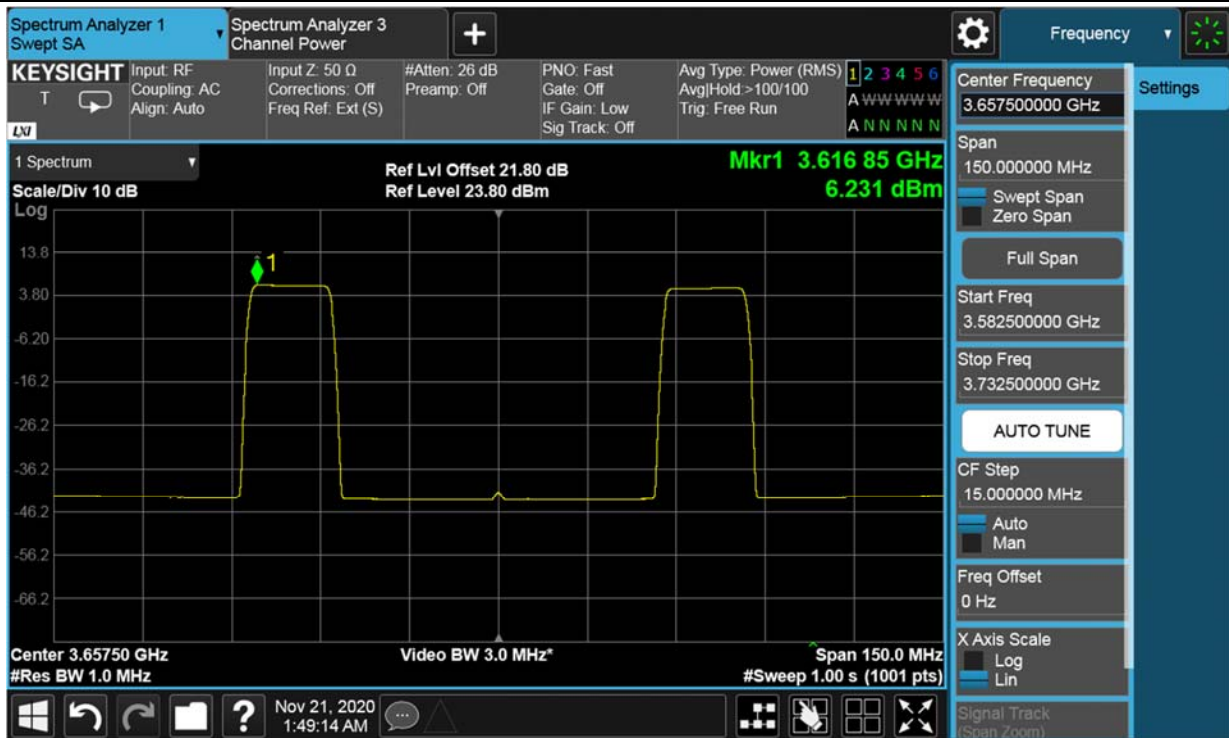


LTE TDD Band 48, Nominal Bandwidth: 15MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK

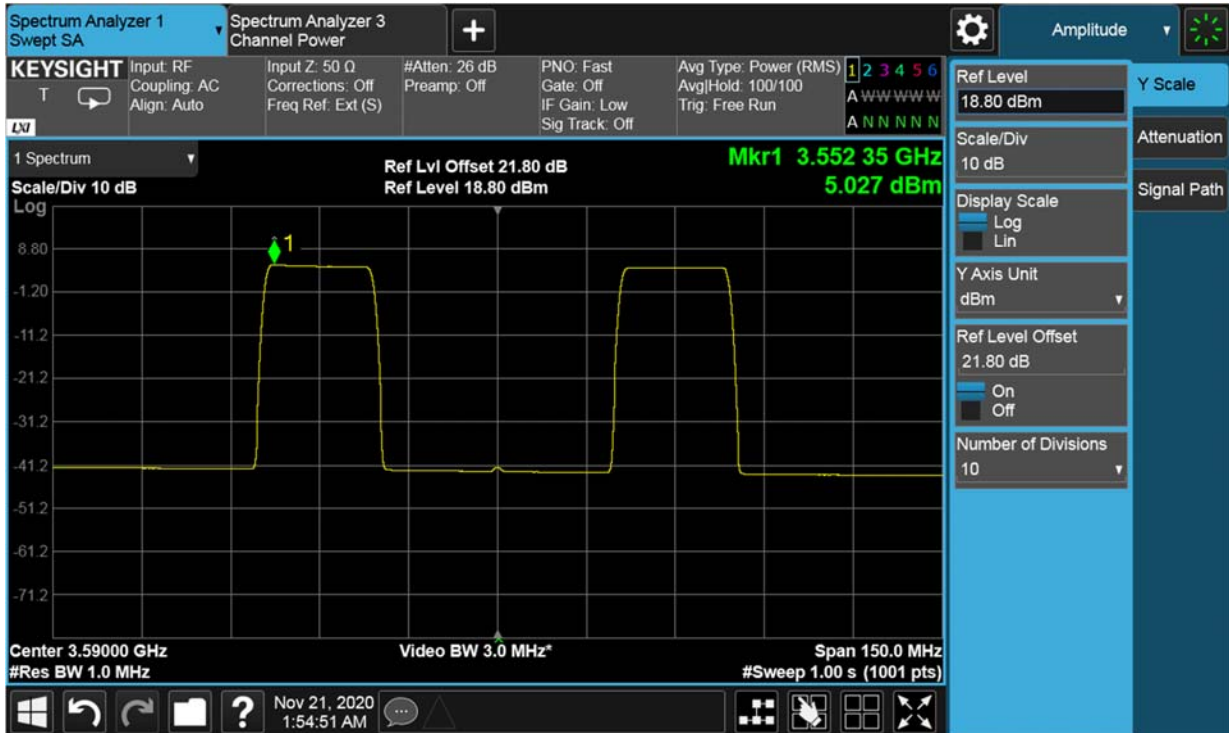


Modulation : 16QAM/64QAM/256QAM

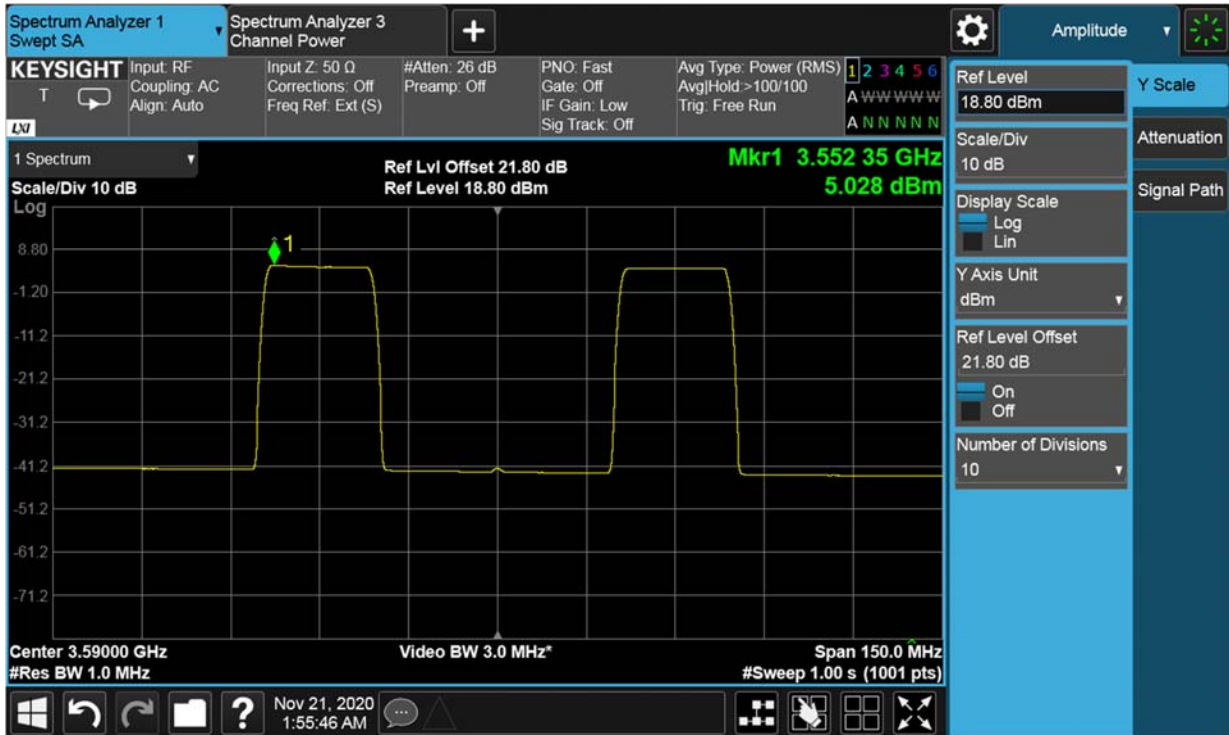


LTE TDD Band 48, Nominal Bandwidth: 20MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK

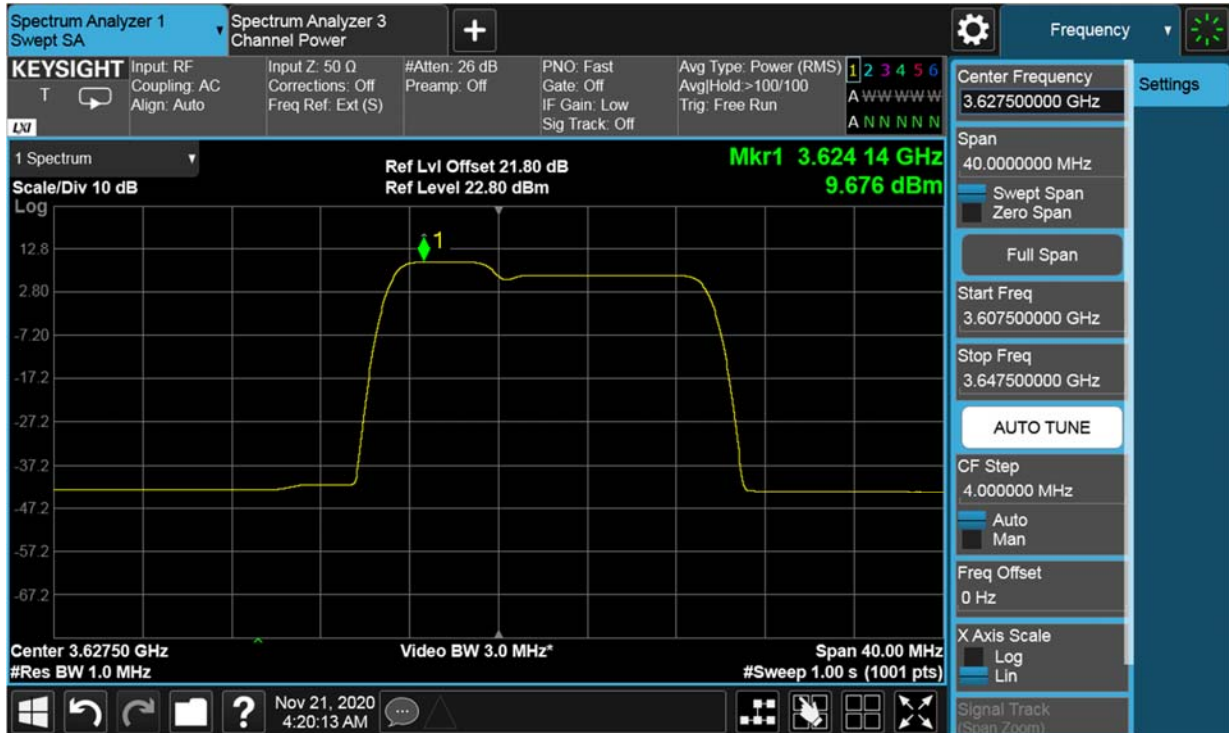


Modulation : 16QAM/64QAM/256QAM



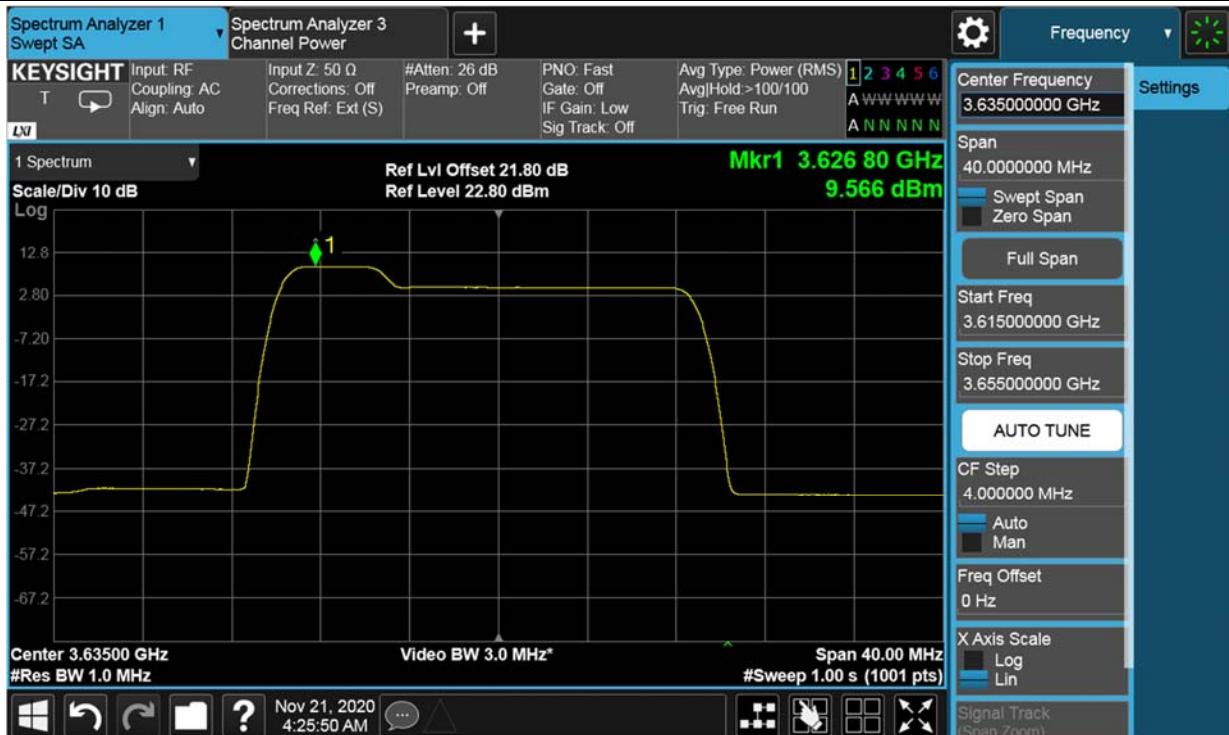
LTE TDD Band 48, Nominal Bandwidth: 5MHz+10MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK



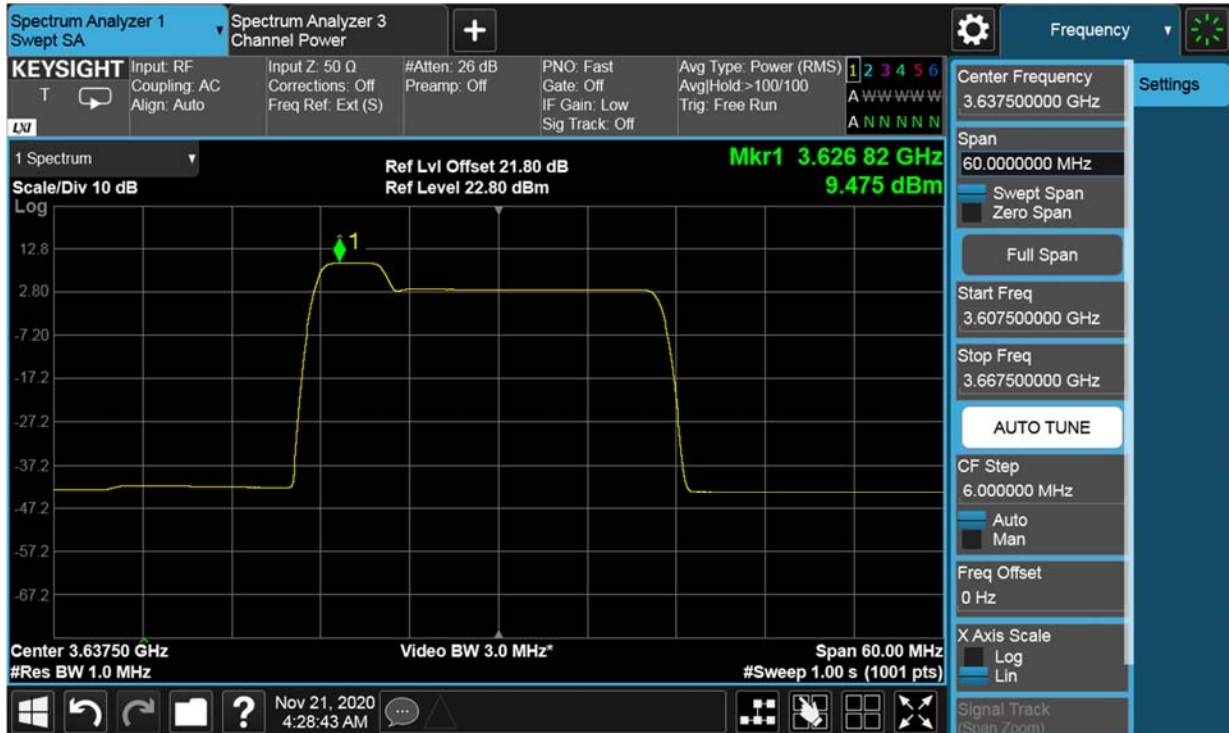
LTE TDD Band 48, Nominal Bandwidth: 5MHz+15MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK



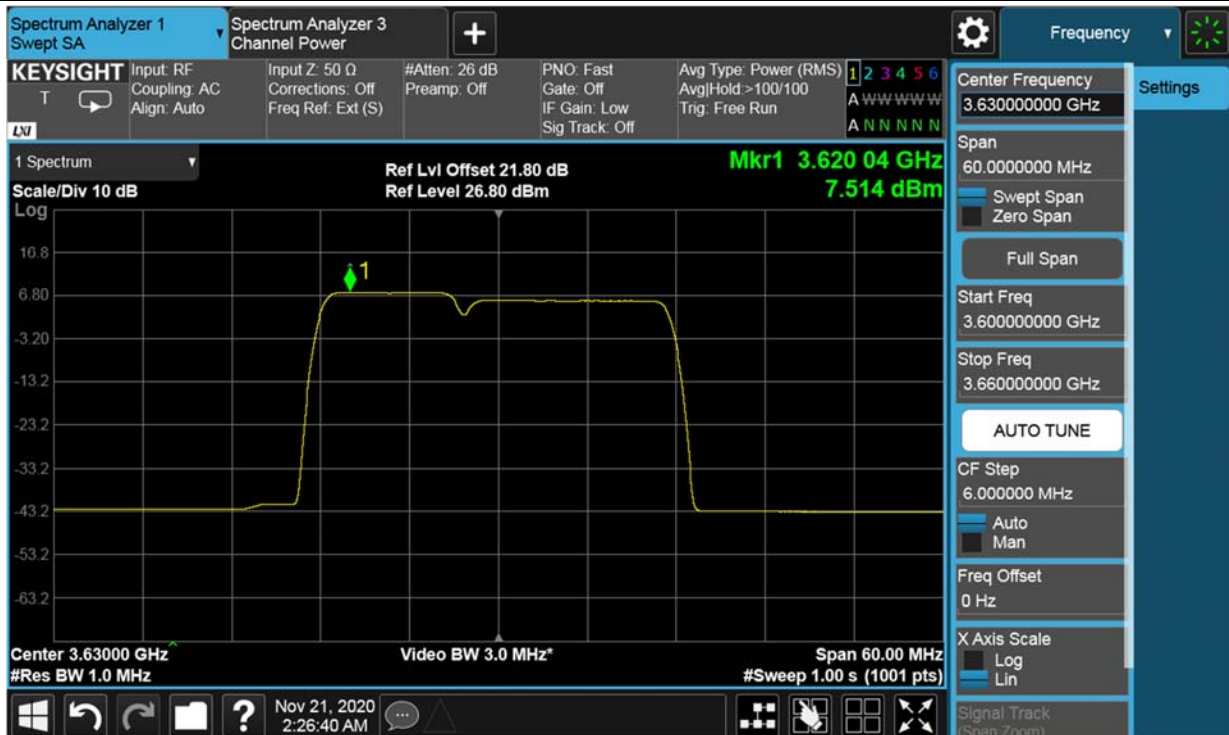
LTE TDD Band 48, Nominal Bandwidth: 5MHz+20MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK



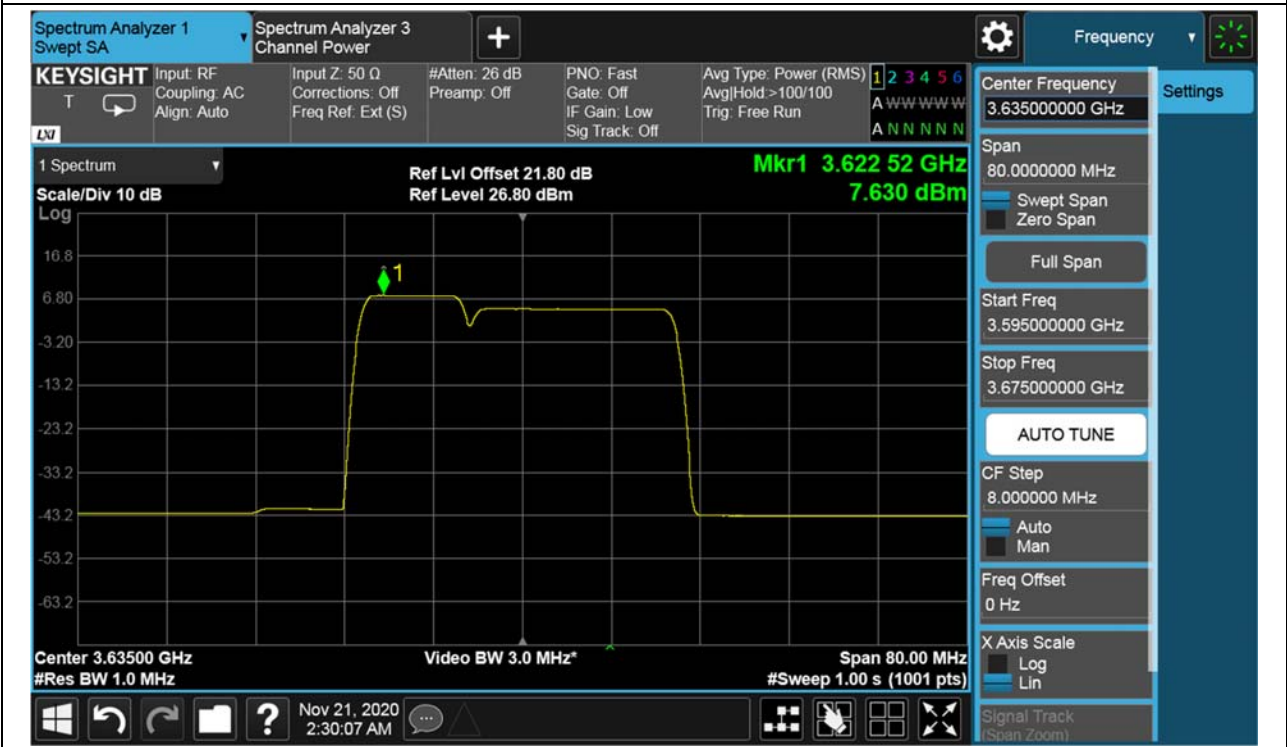
LTE TDD Band 48, Nominal Bandwidth: 10MHz+15MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK



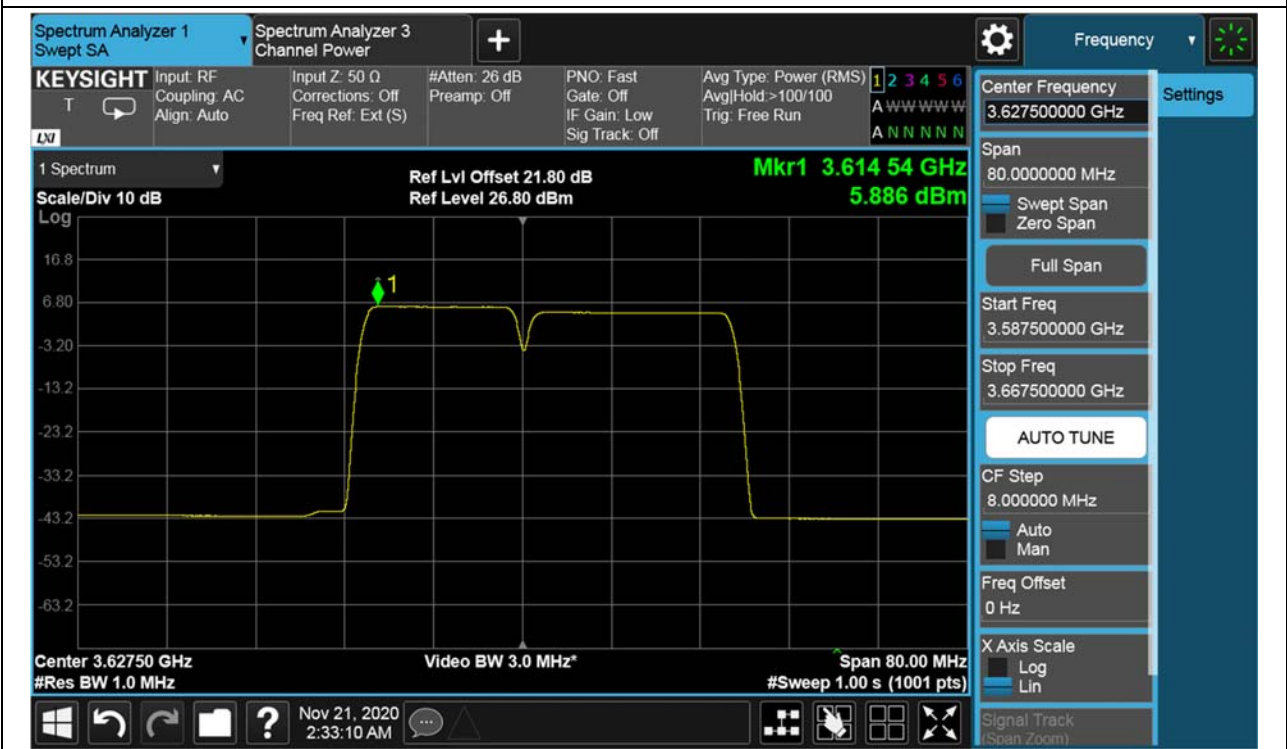
LTE TDD Band 48, Nominal Bandwidth: 10MHz+20MHz_2 carriers contiguous , PSD , SISO

Modulation : QPSK



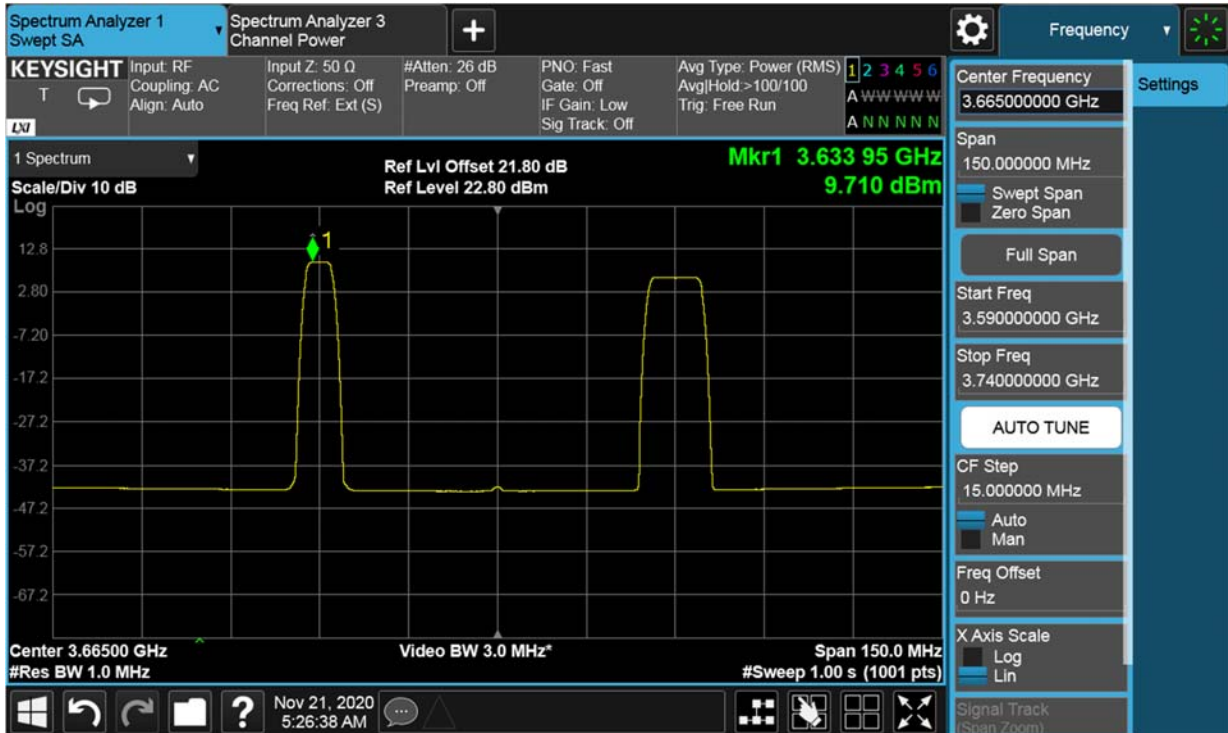
LTE TDD Band 48, Nominal Bandwidth: 15MHz+20MHz_2 carriers contiguous , PSD , SISO
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Modulation : QPSK



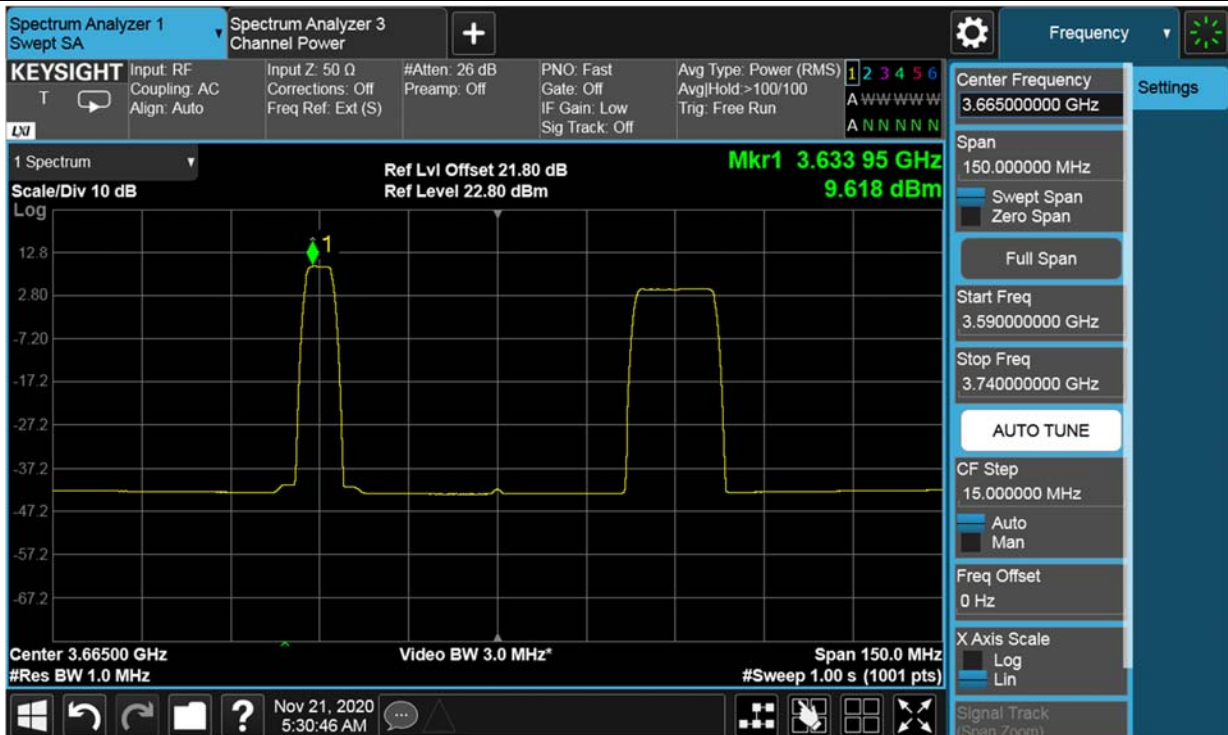
LTE TDD Band 48, Nominal Bandwidth: 5MHz+10MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK



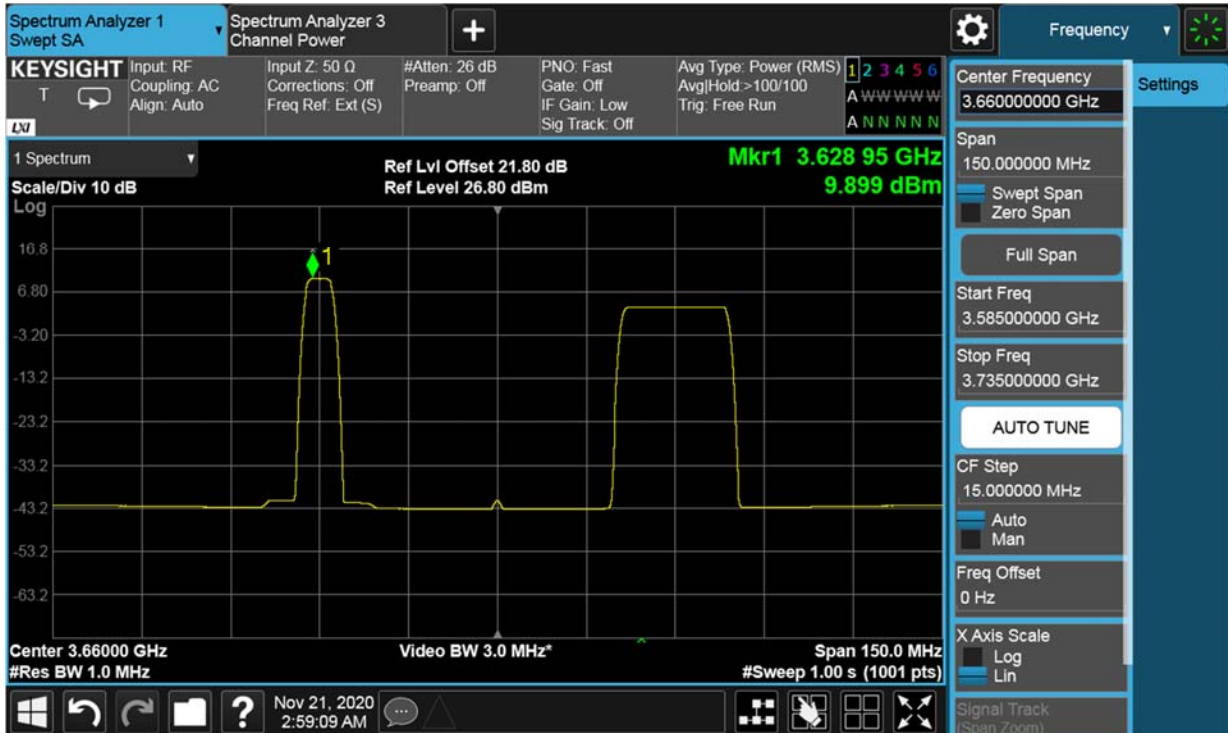
LTE TDD Band 48, Nominal Bandwidth: 5MHz+15MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK



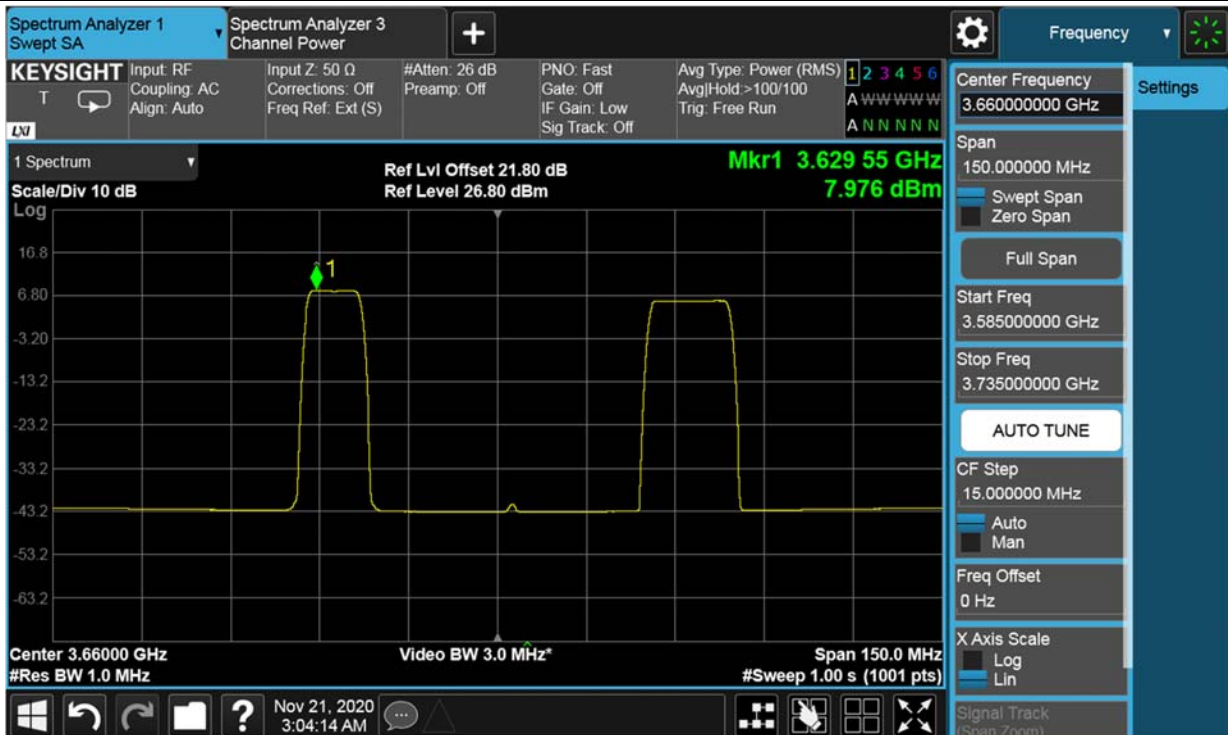
LTE TDD Band 48, Nominal Bandwidth: 5MHz+20MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK



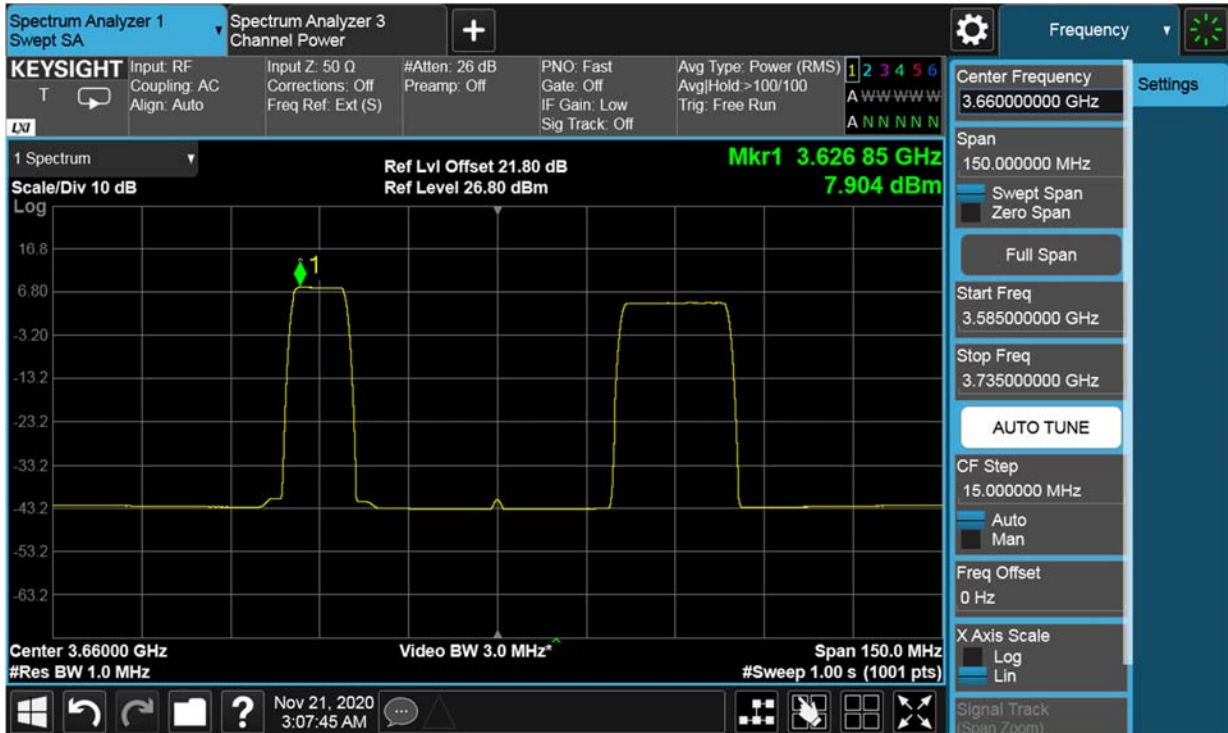
LTE TDD Band 48, Nominal Bandwidth: 10MHz+15MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK



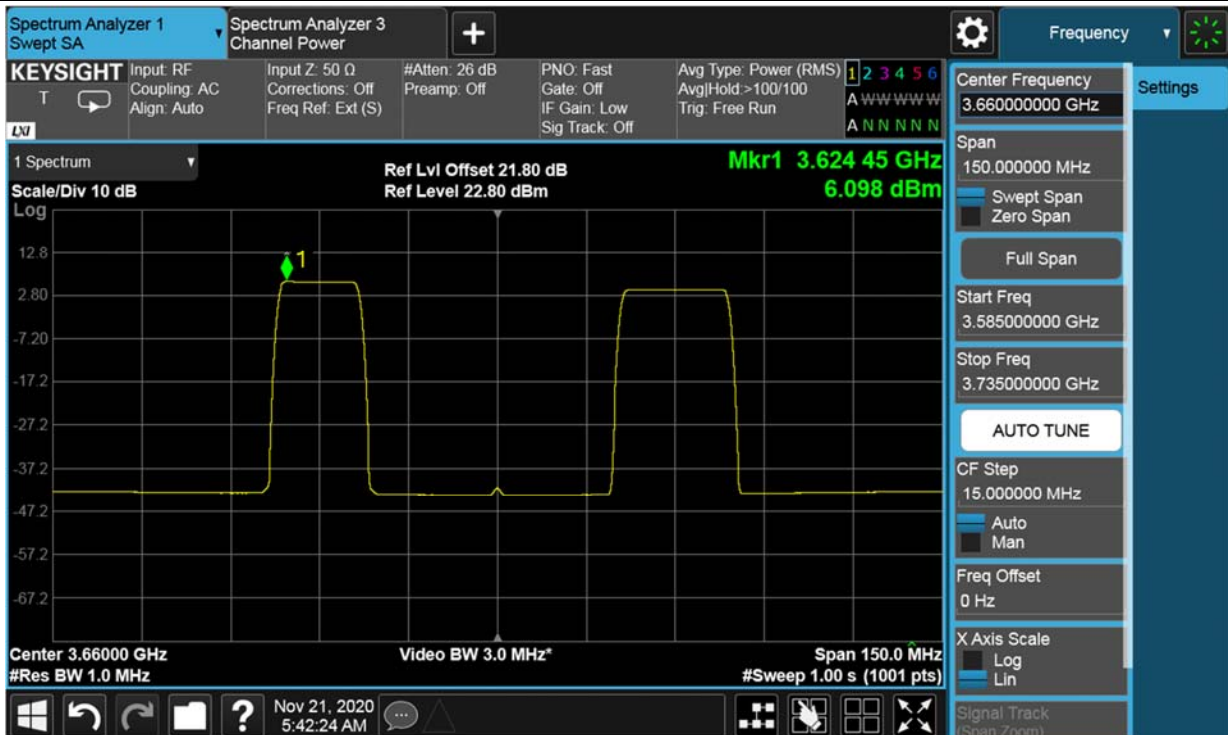
LTE TDD Band 48, Nominal Bandwidth: 10MHz+20MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK



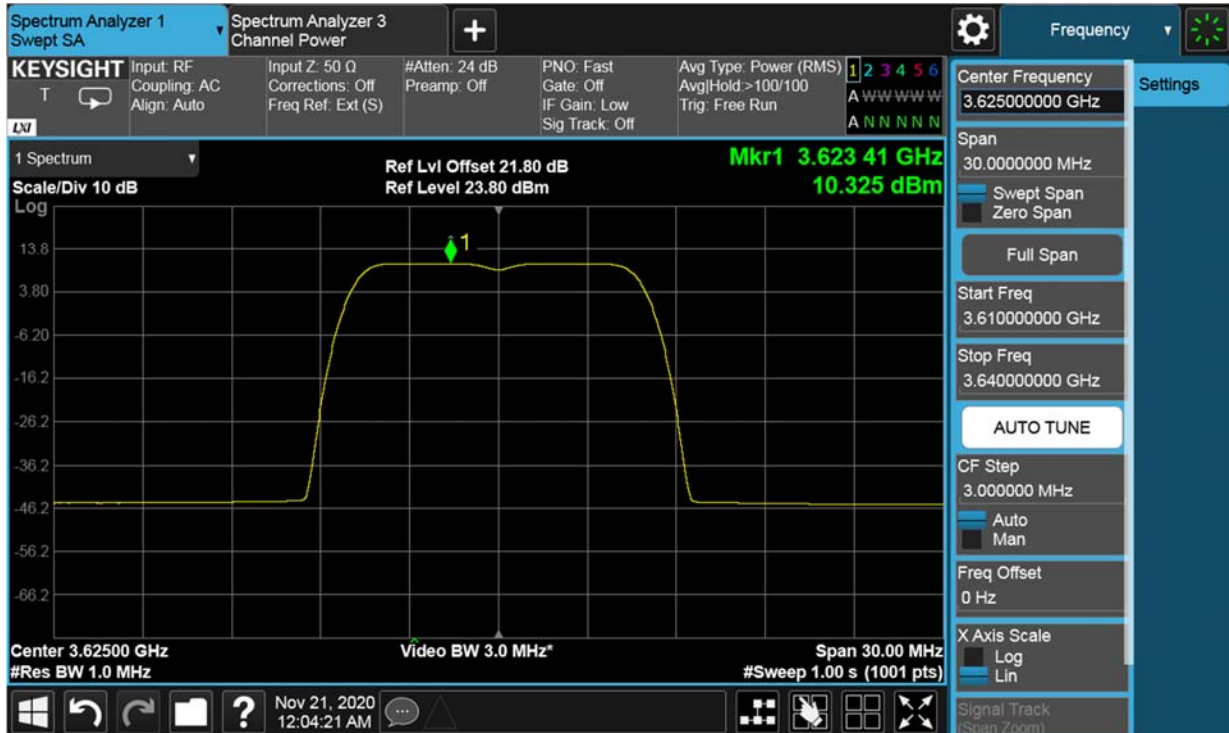
LTE TDD Band 48, Nominal Bandwidth: 15MHz+20MHz_2 carriers non-contiguous , PSD , SISO

Modulation : QPSK

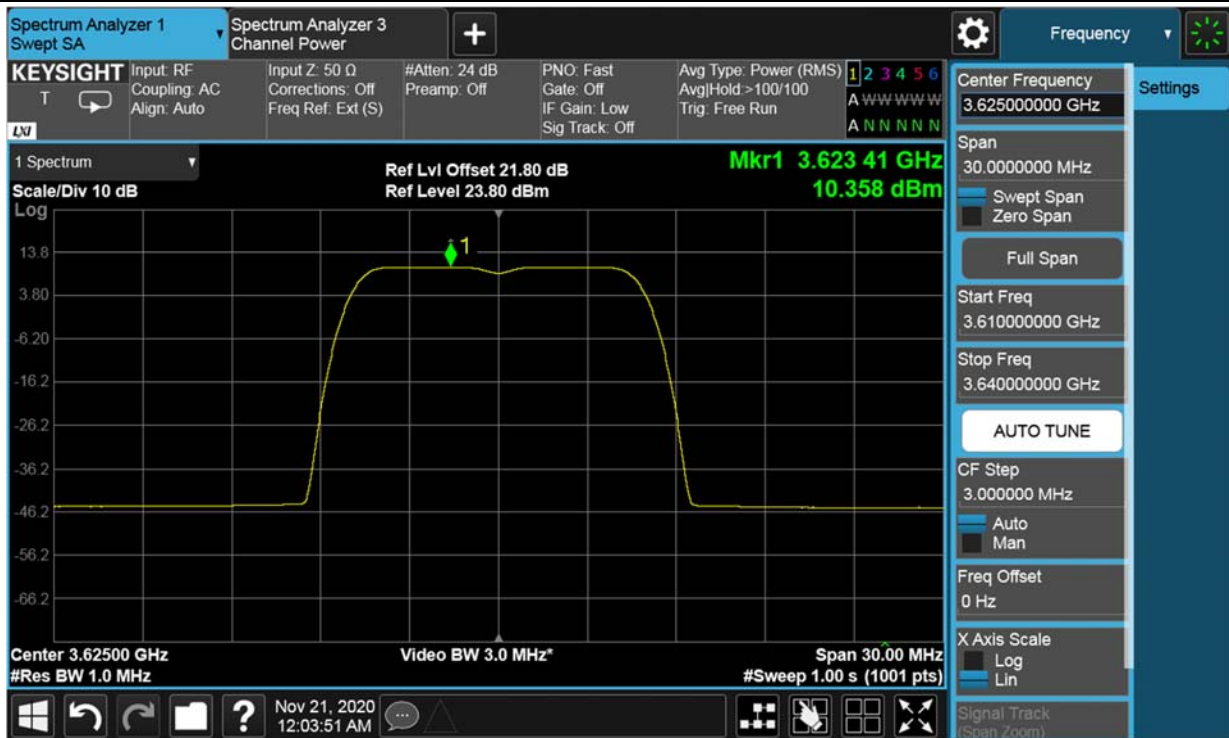


LTE TDD Band 48, Nominal Bandwidth: 5MHz_2 carriers contiguous , PSD , 2x2 MIMO

Modulation : QPSK

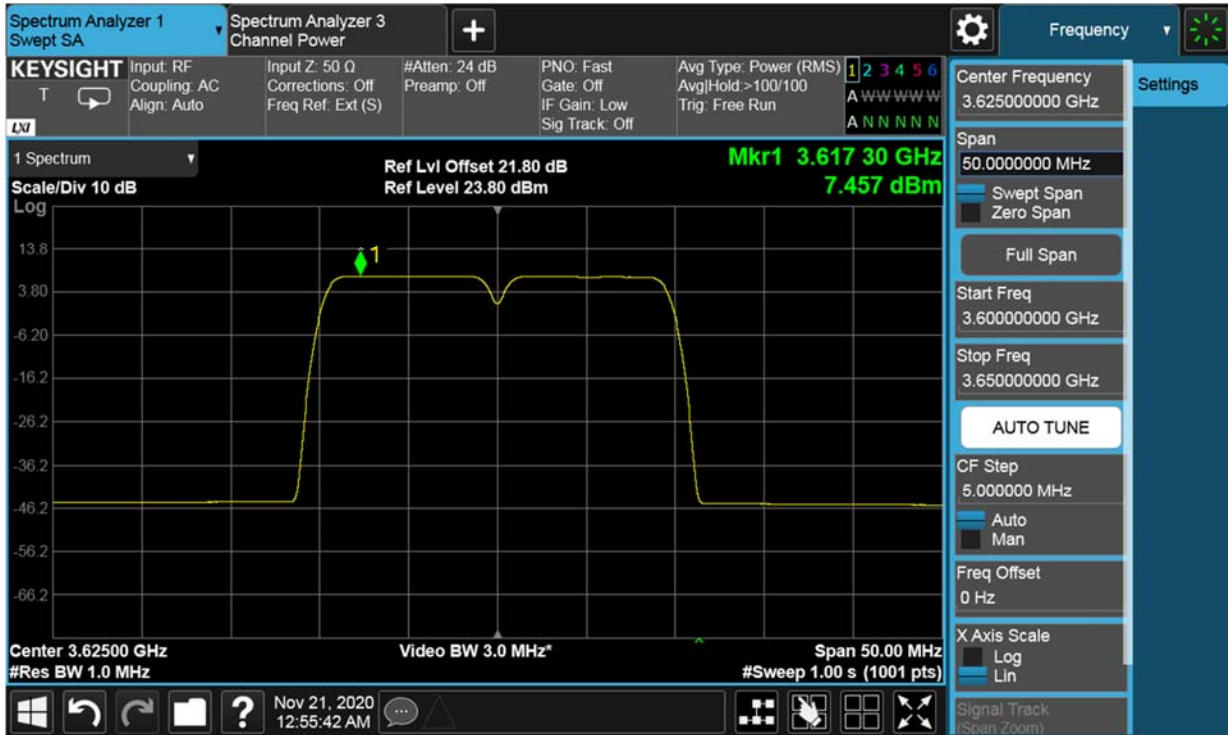


Modulation : 16QAM/64QAM/256QAM

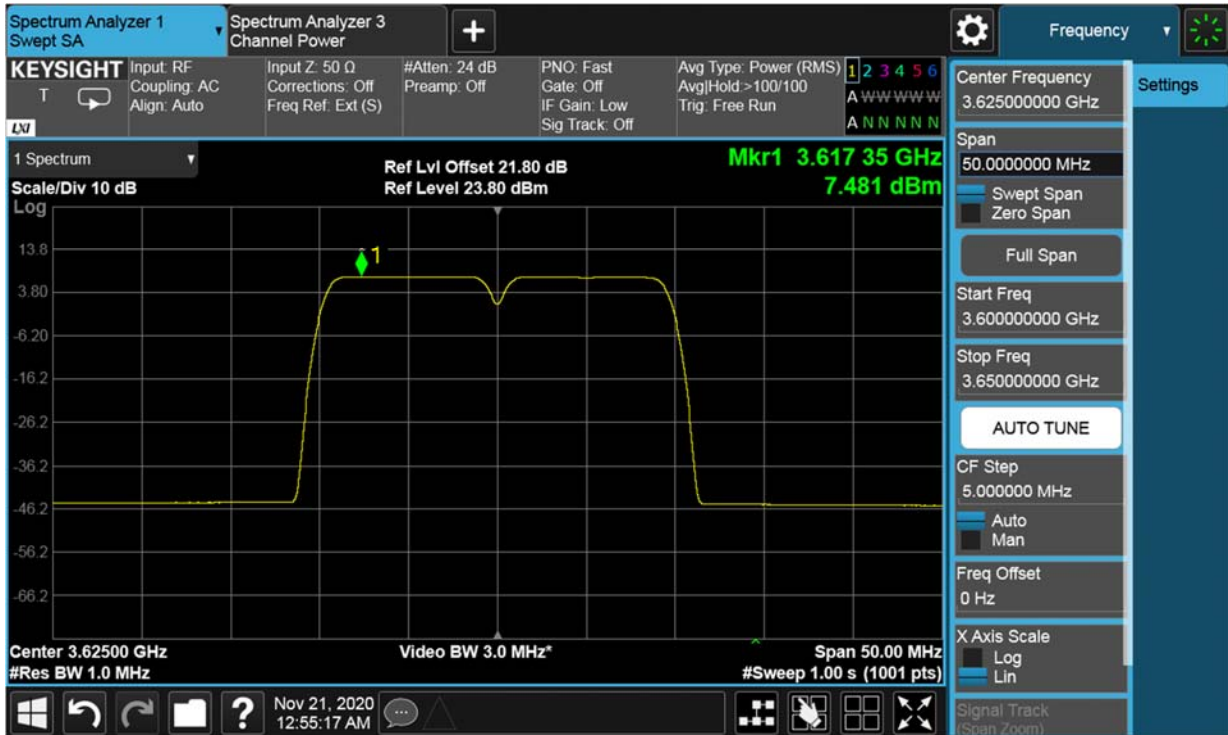


LTE TDD Band 48, Nominal Bandwidth: 10MHz_2 carriers contiguous , PSD , 2x2 MIMO

Modulation : QPSK

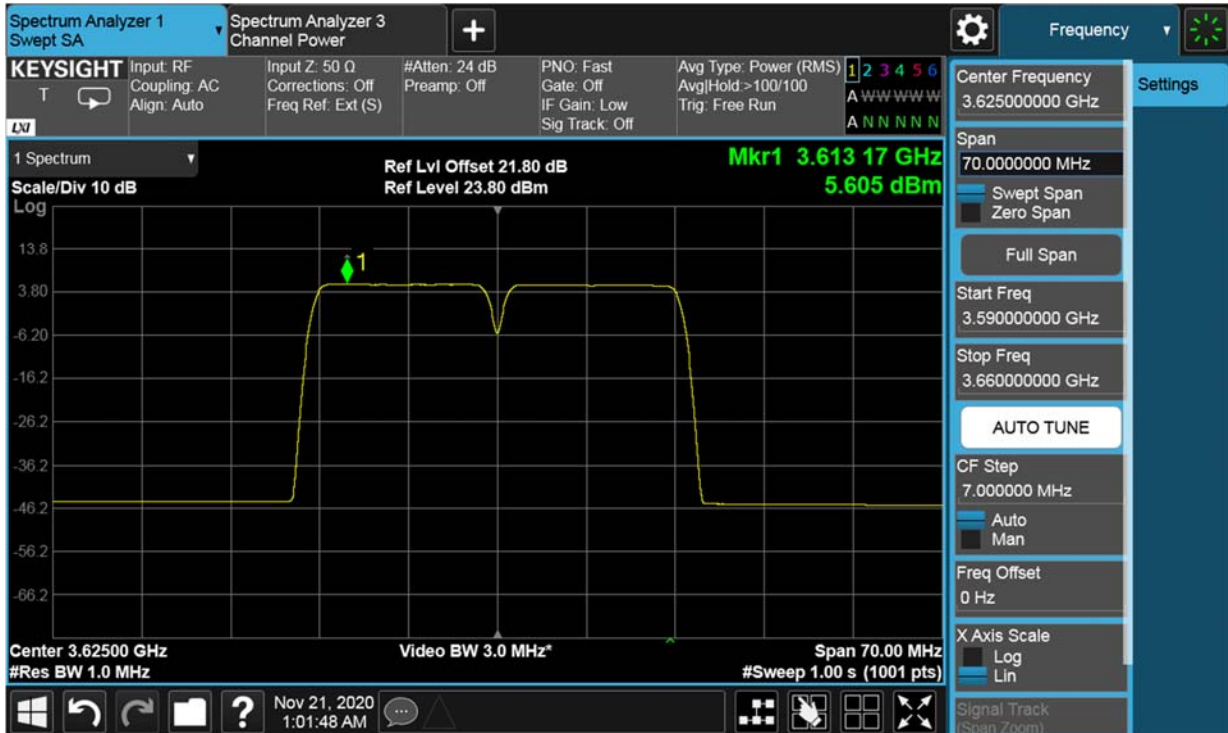


Modulation : 16QAM/64QAM/256QAM

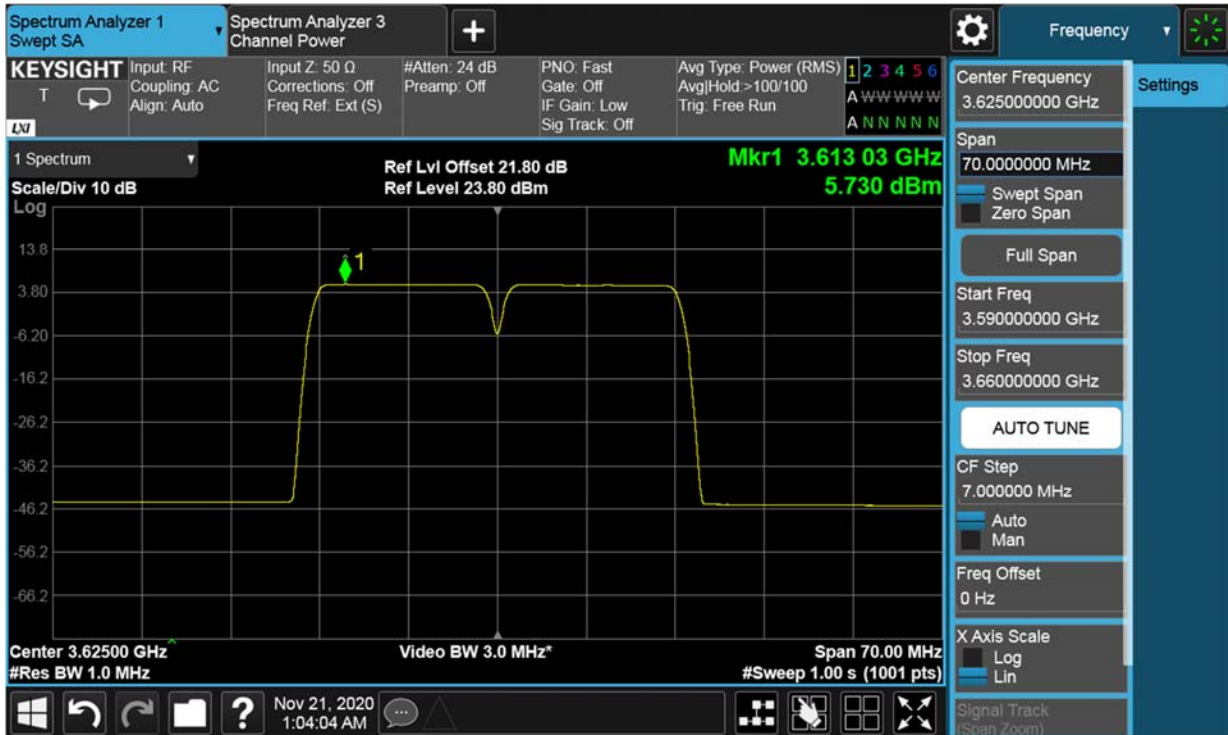


LTE TDD Band 48, Nominal Bandwidth: 15MHz_2 carriers contiguous , PSD , 2x2 MIMO

Modulation : QPSK

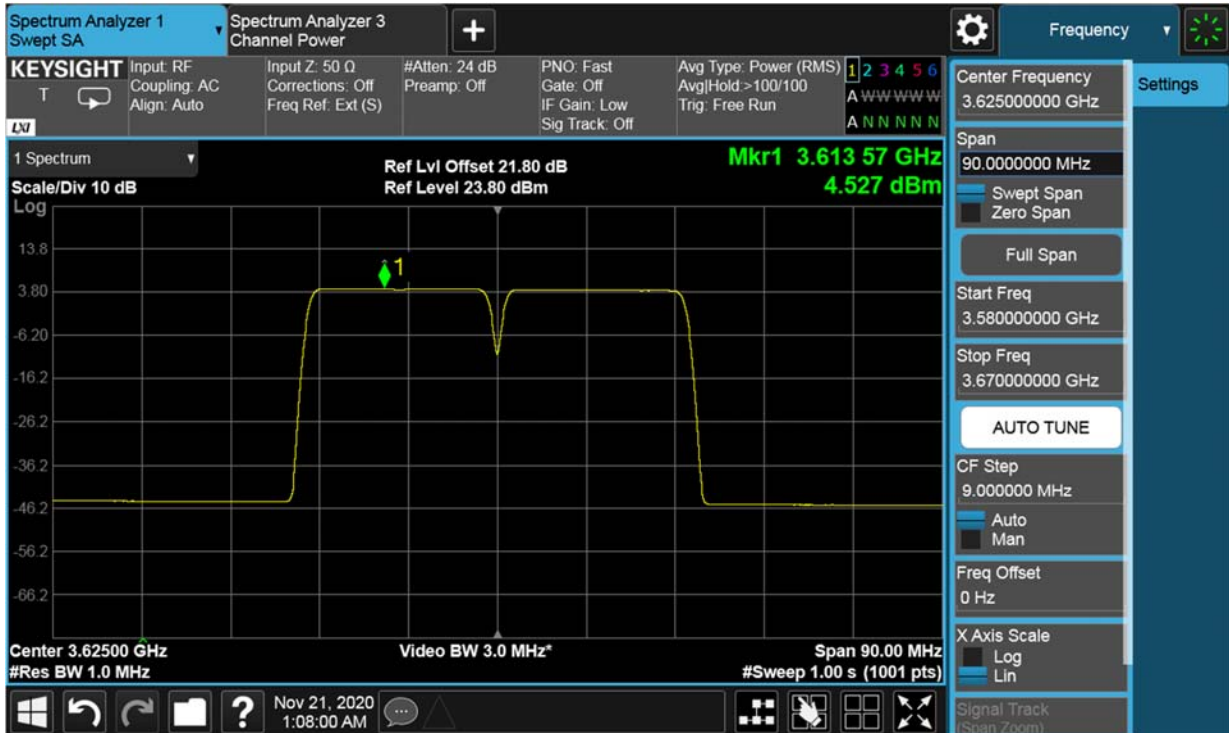


Modulation : 16QAM/64QAM/256QAM

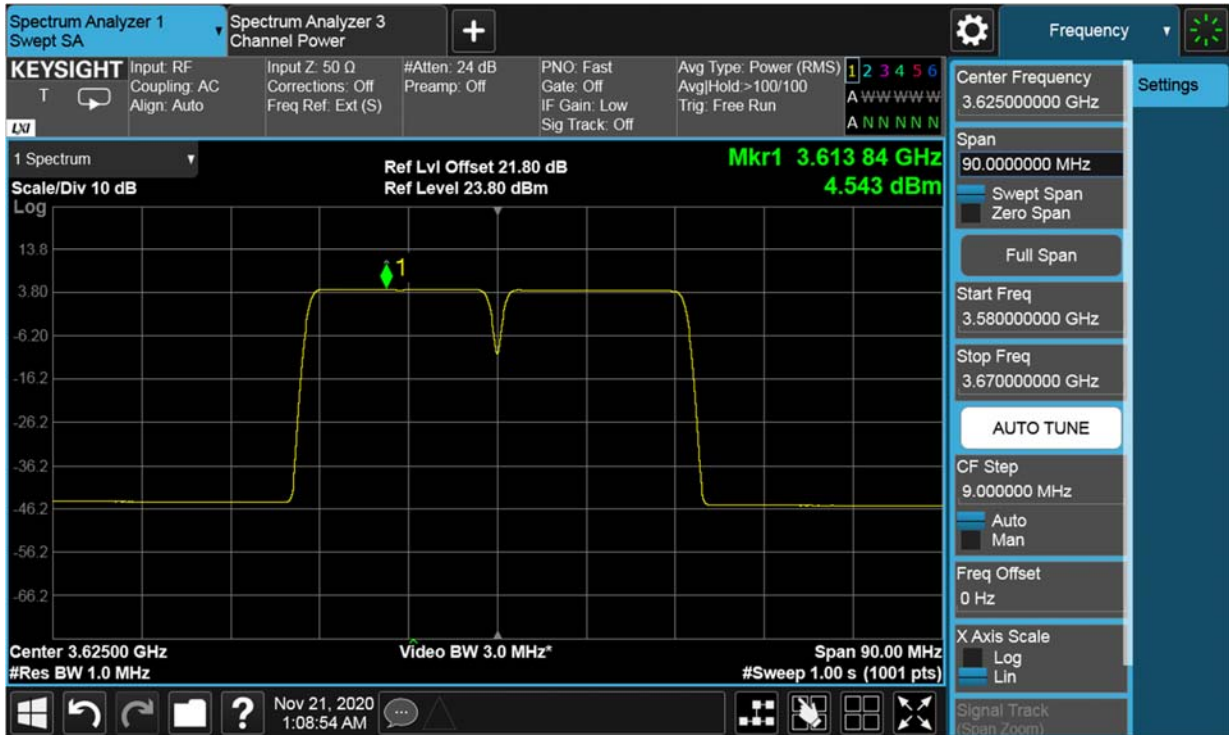


LTE TDD Band 48, Nominal Bandwidth: 20MHz_2 carriers contiguous , PSD , 2x2 MIMO

Modulation : QPSK

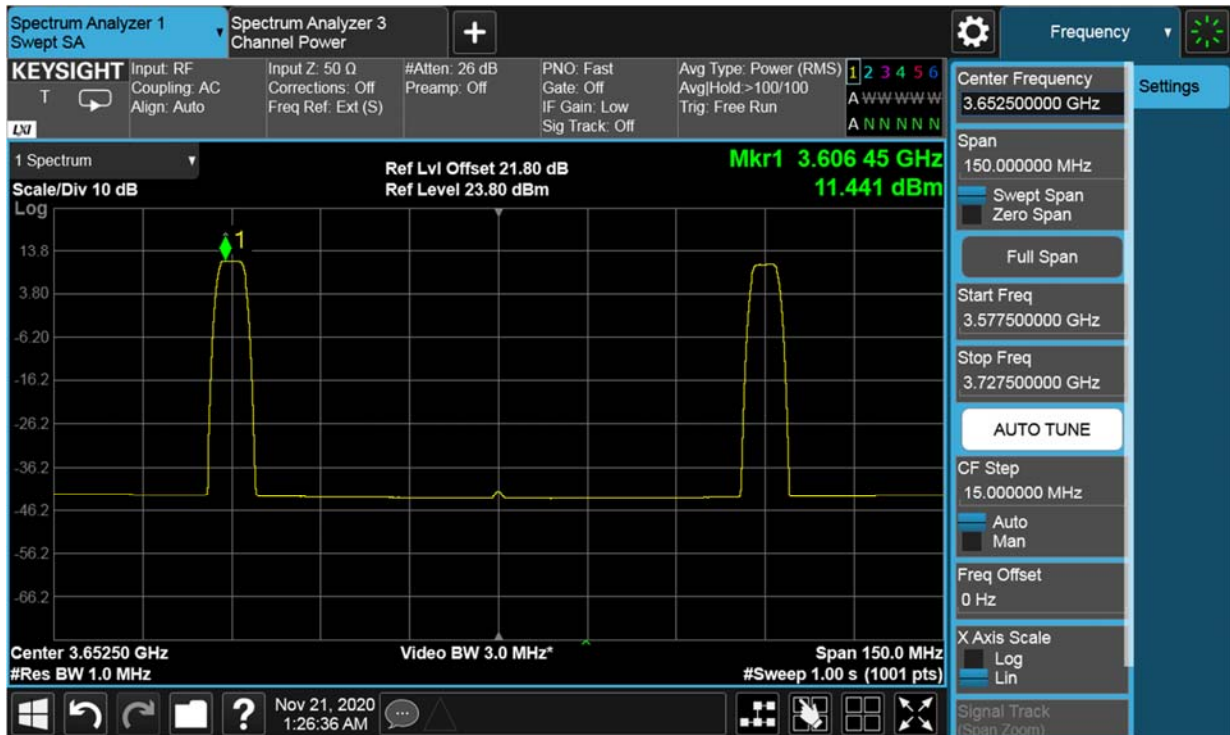


Modulation : 16QAM/64QAM/256QAM

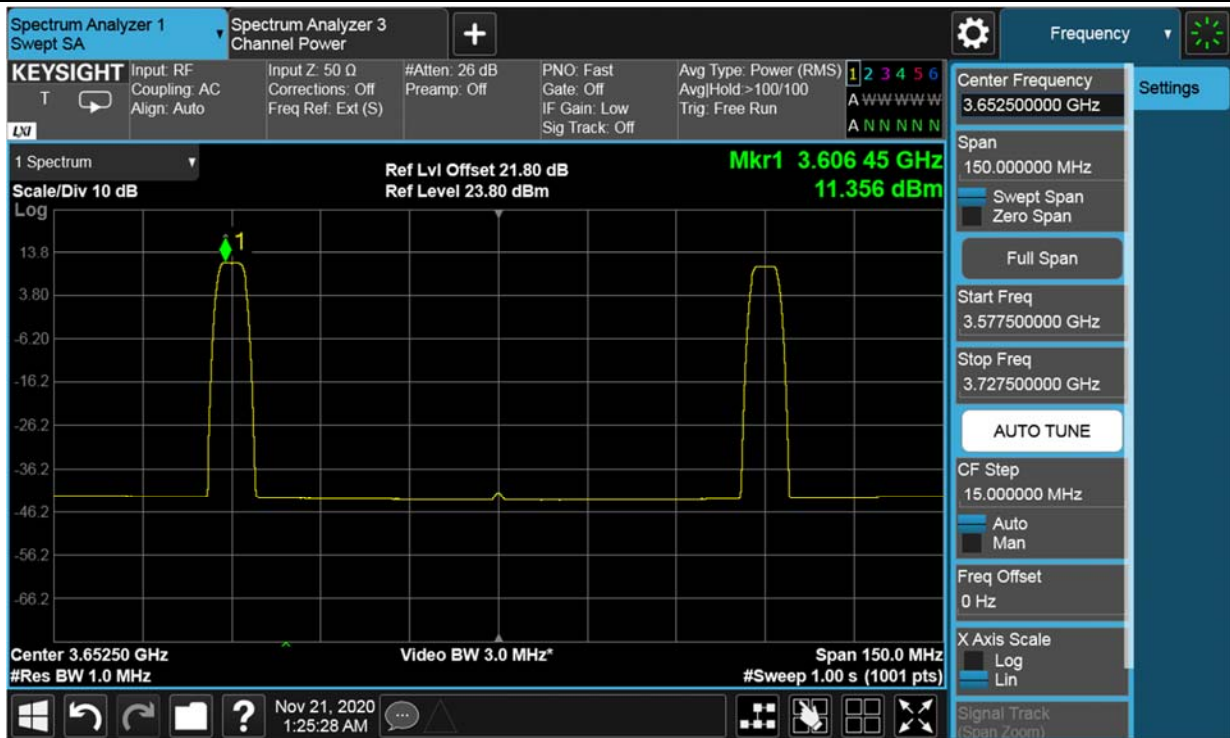


LTE TDD Band 48, Nominal Bandwidth: 5MHz_2 carriers non-contiguous , PSD , 2x2 MIMO

Modulation : QPSK

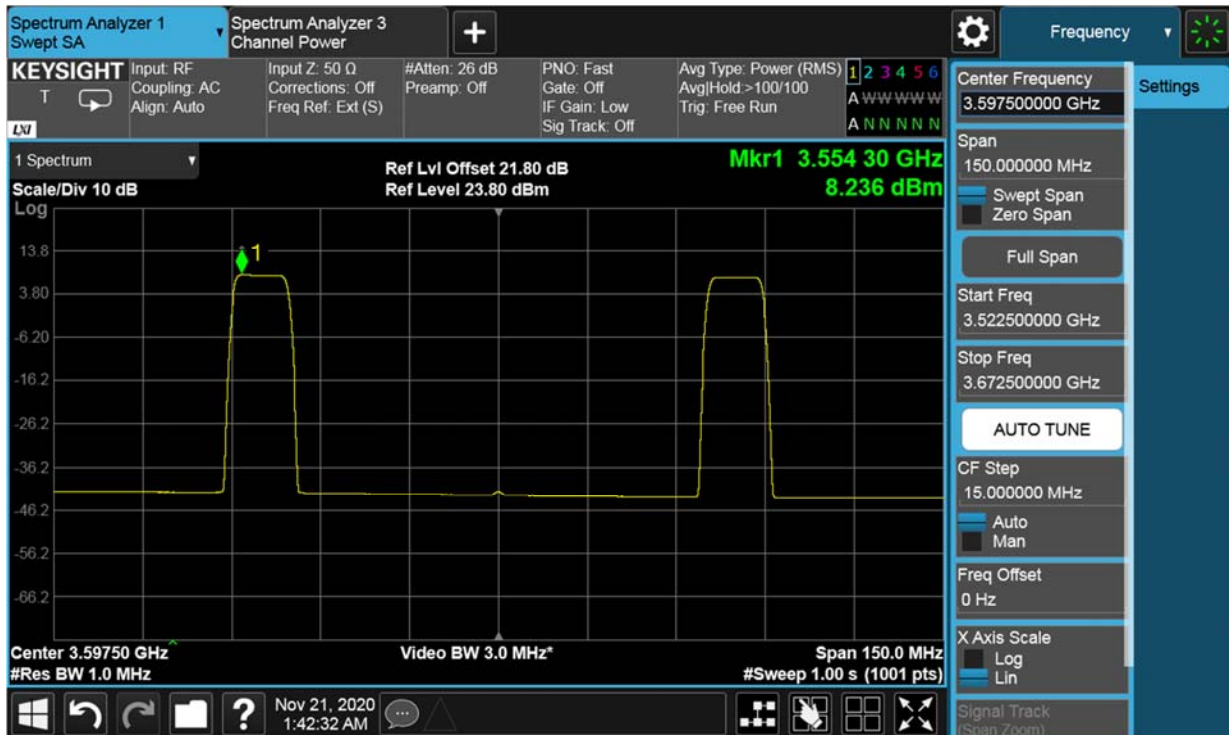


Modulation : 16QAM/64QAM/256QAM

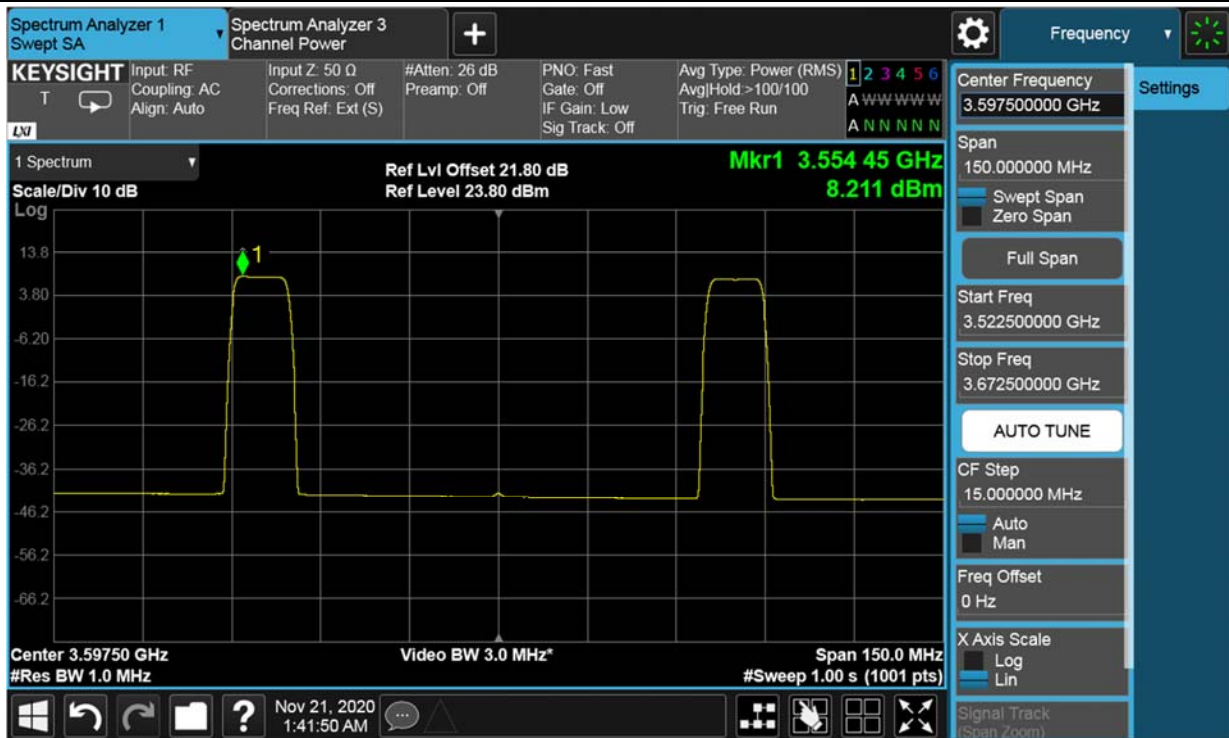


LTE TDD Band 48, Nominal Bandwidth: 10MHz_2 carriers non-contiguous , PSD , 2x2 MIMO

Modulation : QPSK

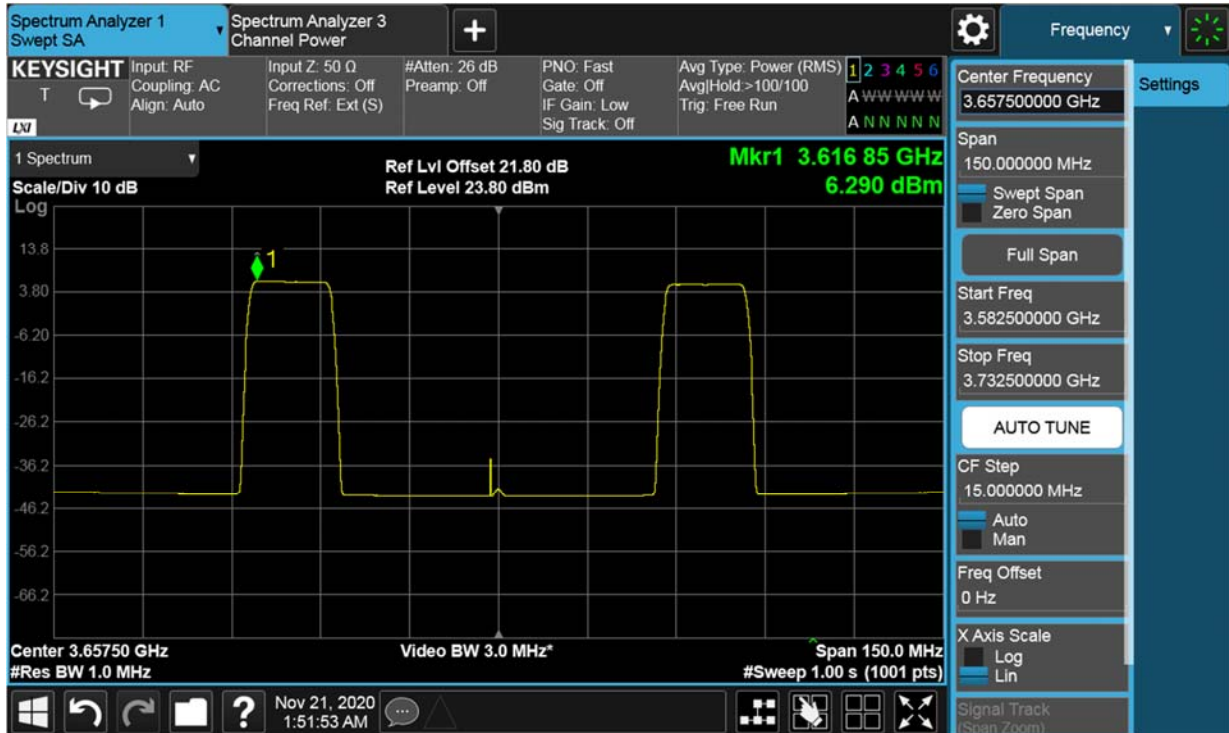


Modulation : 16QAM/64QAM/256QAM



LTE TDD Band 48, Nominal Bandwidth: 15MHz_2 carriers non-contiguous , PSD , 2x2 MIMO

Modulation : QPSK



Modulation : 16QAM/64QAM/256QAM

