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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

Γ				EIRP 1	Test data:	N48 10	MHz Band	width				
f		Candua	tod Dower	(dDm)	Antoni	no goin		EIRP		MIN	//O Total E	IRP
	Modulation	Conduc	ted Power	(ubiii)	Anteni	Antenna gain		(dBm)		(dBm)		
	Woddiation	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH
Ī	QPSK	36.04	36.15	36.2	/	4.00			40.20	20 46.06 46.17		46.22

Note:

- EIRP = Conducted output power + Antenna gain (dBi)
- All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number

			EIRP 1	est data:	N48 _ 10N	ИHz Band	width				
Modulation	Conduc	ted Power	(dBm)	Antenna gain		EIRP (dBm)			MIMO Total EIRP (dBm)		
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	/	22.24	/	/	18.00					46.26	/

Note:

- EIRP = Conducted output power + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

			EIRP	Test data:	N48 _ 20	MHz Band	dwidth				
Modulation	Conducted Power (dBm)			Antenr	na gain	EIRP (dBm)			MIMO EIRP (dBm)		
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	36.1	36.02	36.12	/	4.00	40.10	40.02	40.12	46.12	46.04	46.14

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number

			EIRP	Test data:	N48 _ 20	MHz Band	lwidth				
Modulation	Conduc	ted Powe	r (dBm)	Antenr	na gain	EIRP (dBm)			MIMO EIRP (dBm)		
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	/	25.63	/	/	18.00	/	43.63	/	/	49.65	/

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.



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		EIRP T	est data_	Intra-band	d CA contiguous for Ba	nd 48_ 1	0MHz Ba	ındwidth				
Carrier	Modulation	Conducted Power (dBm)			Antenna Gain (dBi)	EIRP (dBm)			MIMO Total EIRP (dBm)			
Carrier		LCH	MCH	HCH	, ,	LCH	MCH	HCH	LCH	MCH	HCH	
2C	QPSK	36.14	36.03	36.2	4.00	40.14	40.03	40.2	46.16	46.05	46.22	
5C	QPSK	36.37	36.4	36.07	4.00	40.37	40.4	40.07	46.39	46.42	46.09	

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

		EIRP 1	est data_	Intra-band	d CA contiguous for Ba	nd 48_ 1	0MHz Ba	ındwidth			
Carrier	Modulation	Conduc	ted Powe	r (dBm)	Antenna Gain (dBi)	EIRP (dBm)			MIMO Total EIRP (dBm)		
Carrier		LCH	MCH	HCH		LCH	MCH	HCH	LCH	MCH	HCH
2C	QPSK	/	25.32	/	18.00	/	43.32	/	/	49.34	/
5C	QPSK		29.54	/	18.00	/	47.54	/	/	53.56	/

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

		EIRP T	est data_	Intra-band	d CA contiguous for Ba	nd 48_ 2	0MHz Ba	ındwidth			
Carrier	Modulation	Conduc	ted Powe	r (dBm)	Antenna Gain (dBi)	EIRP (dBm)			MIM	IRP	
Carrier		LCH	MCH	HCH		LCH	MCH	HCH	LCH	MCH	HCH
2C	QPSK	36.14	36.03	36.2	4.00	40.14	40.03	40.2	46.16	46.05	46.22
5C	QPSK	36.43	36.32	36.26	4.00	40.43	40.32	40.26	46.45	46.34	46.28

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

		EIRP 1	est data_	Intra-band	d CA contiguous for Ba	nd 48_ 2	0MHz Ba	ındwidth			
		Conduc	ted Powe	r (dBm)			EIRP		MIM	O Total E	IRP
Carrier	Modulation	Conduc	leu rowe	i (ubiii)	Antenna Gain (dBi)		(dBm)		(dBm)		
		LCH	MCH	HCH		LCH	MCH	HCH	LCH	MCH	HCH
2C	QPSK	/	28.58	/	18.00	/	46.58	/	/	52.6	/



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5C QPSK 32.55 / 18.00	/ 50.5		/	56.57	/
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Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

		EIRP Test	data_Intra-l	band CA NO	ON-contiguous for Bar	nd 48_ 1	0MHz Ba	andwidth			
Carrier	Modulation	Condu	cted Power	(dBm)	Antenna Gain		EIRP (dBm)		MIMO Total EIRP (dBm)		
	2C QPSK	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH
2C	QPSK	/	36.09	/	4.00	/	40.09	/	/	46.11	/
3C	QPSK	36.14	36.21	36.08	4.00	40.14	40.21	40.08	46.16	46.23	46.1
4C	QPSK	/	36.31	/	4.00	/	40.31	/	/	46.33	/
6C	QPSK	/	36.31	/	4.00	/	40.31	/	/	46.33	/

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

		EIRP Test	data_Intra-l	band CA NO	ON-contiguous for Bar	nd 48_ 1	0MHz Ba	andwidth			
Carrier	Modulation	Condu	ıcted Power	(dBm)	Antenna Gain		EIRP (dBm)		MIMO	O Total E (dBm)	IRP
		LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH
2C	QPSK	/	25.42	/	18.00	/	43.42	/	/	49.44	/
3C	QPSK	/	27.17	/	18.00	/	45.17	/	/	51.19	/
4C	QPSK	/	28.48	/	18.00	/	46.48	/	/	52.5	/
6C	QPSK	/	30.18	/	18.00	/	48.18	/	/	54.2	/

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

		EIRP Test	data_Intra-	band CA No	ON-contiguous for Ba	nd 48_ 2	20MHz B	andwidtl	h		
		Condu	cted Dower	(dRm)	Antonno Coin		EIRP		MIM	O Total I	EIRP
Carrier	Modulation	Conducted Power (dBm)			Antenna Gain (dBi)	(dBm)			(dBm)		
		LCH	MCH	HCH	(UDI)	LCH	MCH	HCH	LCH	MCH	HCH
2C	QPSK	/	35.66	/	4.00	/	37.58	/	/	43.6	/



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3C	QPSK	35.94	35.8	36.23	4.00	39.94	39.8	40.23	45.96	45.82	46.25
4C	QPSK	/	36.27	/	4.00	/	40.27	/	/	46.29	/
6C	QPSK	/	36.35	/	4.00	/	40.35	/	/	46.37	/

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

		EIRP Test	data_Intra-l	band CA NO	ON-contiguous for Bar	nd 48_ 2	0MHz Ba	andwidth			
Carrier	Modulation	Condu	cted Power	(dBm)	Antenna Gain		EIRP (dBm)		MIMO	O Total E (dBm)	IRP
		LCH	MCH	HCH	(dBi)	LCH	мсн	HCH	LCH	МСН	HCH
2C	QPSK	/ 28.49 /			18.00	/	46.49	/	/	52.51	/
3C	QPSK	/	30.32	/	18.00	/	48.32	/	/	54.34	/
4C	QPSK	/	31.68	/	18.00	/	49.68	/	/	55.7	/
6C	QPSK	/	33.4	/	18.00	/	51.4	/	/	57.42	/

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

				EIF	RP Tes	t data:	N48 _ 1	I0MHz I	Bandwidth	1			
Modulation		ducted I 3m/10M		Antenr	na gain	(dB	EIRP m/10M	Hz)		O Total E Bm/10MH		Limit (dBm/10MHz)	Verdict
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	(UDITI/TOWITIZ)	
QPSK	36.04	36.15	36.2	/	4.00	40.04	40.15	40.20	46.06	46.17	46.22	47.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number

					EIRP	Test da	ata: LTI	∃ Band₄	48 10M	Hz Bandw	idth			
Modu	ılation		ducted 3m/10M		Antenr	na gain	(dB	EIRP 3m/10M	Hz)		D Total E 3m/10MH		Limit (dBm/10MHz)	Verdict
		LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	(UDITI/TOWITIZ)	
QP	PSK	/	22.24	/	/	18.00	/	40.24	/	/	46.26	/	47.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.



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				EIF	RP Tes	t data:	N48 _ 2	20MHz	Bandwidth)				
Marting	Modulation Conducted Power (dBm/10MHz) EIRP MIMO Total EIRP Limit (dBm/10MHz) Verdict													
Modulation	(al	3m/10lv	IHZ)		3	(aB	m/101VI	HZ)	(dE	sm/101VIH	Z)	(dBm/10MHz)	Verdict	
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	(dDITI/TOWITIZ)		
QPSK	33.02	33.19	33.05	/	4.00	37.02	37.19	37.05	43.04	43.21	43.07	47.0	PASS	

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number

				EIRP	Test da	ata: LTE	E Band4	18 20MI	Hz Bandw	ridth			
Modulation Conducted Power (dBm/10MHz) Antenna gain (dBm/10MHz) EIRP (dBm/10MHz) (dBm/10MHz) Verdict (dBm/10MHz)													
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	(dbiii/TUNITZ)	
QPSK	/	22.84	/	/	18.00	/	40.84	/	/	46.86	/	47.0	PASS

Note:

- 1) EIRP = Conducted output power + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP=EIRP+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

			EIRP	Test data_	Intra-band C	A contigue	ous for Ban	d 48_ 10M	Hz Bandw	idth			
Carrie	Modula		nducted Po dBm/10MH:		Antenna Gain	(c	EIRP IBm/10MH:	z)		MO Total EIF Bm/10MHz)		Limit (dBm/	Verdic
r tion		LCH	MCH	НСН	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	10MH z)	t
2C	QPSK	33.27	33.02	33.1	4.00	37.27	37.02	37.1	43.29	43.04	43.12	47.0	PASS
5C	QPSK	29.4	29.39	29.1	4.00	33.4	33.39	33.1	39.42	39.41	39.12	47.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

			EIRI	P Test data	_Intra-band	CA contigu	ous for Ba	nd 48_ 10N	MHz Band	width			
Carri	Modula		nducted Po dBm/10MH		Antenna Gain	(0	EIRP IBm/10MH:	z)		O Total E 3m/10MH		Limit (dBm/10	Verdict
er	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	
2C	QPSK	/	22.35	/	18.00	/	40.35	/	/	46.37	/	47.0	PASS
5C	QPSK	/	22.62	/	18.00	/	40.62	/	/	46.64	/	47.0	PASS



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Note:

- EIRP PSD= Conducted PSD + Antenna gain (dBi)
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- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

			EIRP	Test data_	Intra-band C	A contigue	ous for Ban	d 48_ 20M	Hz Bandw	ridth			
Carrie	r tion				Antenna Gain	(c	EIRP IBm/10MH	z)		MO Total EIF dBm/10MHz)	==	Limit (dBm/	Verdic
r	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	10MH z)	t
2C	QPSK	30.43	30.48	30.09	4.00	35.44	35.26	34.87	41.46	41.28	40.89	47.0	PASS
5C	QPSK	26.87	26.76	26.63	4.00	33.4	33.39	33.1	39.42	39.41	39.12	47.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

		E	IRP Tes	t data_lr	ntra-band C	A contig	uous for	Band 48	3_ 20MH	z Bandw	/idth		
Carrier	Modulation		ducted P 3m/10MI		Antenna Gain	(dE	EIRP 3m/10MF	Hz)		O Total I 3m/10Ml		Limit	Verdict
		LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	(dBm/10MHz)	
2C	QPSK	/	22.93	/	18.00	/	40.93	/	/	46.95	/	47.0	PASS
5C	QPSK	/	22.91	/	18.00	/	40.91	/	/	46.93	/	47.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
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			EIRP Te	est data_In	tra-band CA	NON-cont	iguous for I	3and 48_ 1	I0MHz Bai	ndwidth			
Carri	Modula		nducted Po IBm/10MH:		Antenna Gain	(0	EIRP dBm/10MH:	z)		MO Total E dBm/10MH		Limit (dBm/	Verdic
er	tion	LCH	MCH	НСН	(dBi)	LCH	MCH	НСН	LCH	MCH	НСН	10MH z)	t
2C	QPSK	/	33.07	/	4.00	/	37.07	/	/	43.09	/	47.0	PASS
3C	QPSK	30.92	31.38	31.22	4.00	34.92	35.38	35.22	40.94	41.4	41.24	47.0	PASS
4C	QPSK	/	30.2	/	4.00	/	34.2	/	/	40.22	/	47.0	PASS
6C	QPSK	/	29.05	/	4.00	/	33.05	/	/	39.07	/	47.0	PASS



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- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

			EIRP To	est data_In	tra-band CA	NON-cont	iguous for I	Band 48_ 1	0MHz Baı	ndwidth			
Carri	Modula		nducted Po Bm/10MH		Antenna Gain	(0	EIRP dBm/10MH	z)		MO Total E dBm/10MH		Limit (dBm/	Verdic
er	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	10MH z)	t
2C	QPSK	/	22.53	/	18.00	/	40.53	/	/	46.55	/	47.0	PASS
3C	QPSK	/	22.41	/	18.00	/	40.41	/	/	46.43	/	47.0	PASS
4C	QPSK	/	22.51	/	18.00	/	40.51	/	/	46.53	/	47.0	PASS
6C	QPSK	/	22.39	/	18.00	/	40.39	/	/	46.41	/	47.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

			EIRP T	est data_In	tra-band CA	NON-cont	iguous for E	3and 48_ 2	20MHz Baı	ndwidth			
Carri	Modula		nducted Po IBm/10MH		Antenna Gain	(0	EIRP Bm/10MH:	z)		MO Total E dBm/10MH		Limit (dBm/	Verdic
er	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	НСН	LCH	MCH	нсн	10MH z)	t
2C	QPSK	/	27.21	/	4.00	/	31.21	/	/	37.23	/	47.0	PASS
3C	QPSK	29.03	29.19	29.01	4.00	33.03	33.19	33.01	39.05	39.21	39.03	47.0	PASS
4C	QPSK	/	27.85	/	4.00	/	31.85	/	/	37.87	/	47.0	PASS
6C	QPSK	/	26.2	/	4.00	/	30.2	/	/	36.22	/	47.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

			EIRP To	est data_In	tra-band CA	NON-cont	iguous for I	Band 48_ 2	20MHz Ba	ndwidth			
Carri	Modula		nducted Po dBm/10MH		Antenna Gain	(0	EIRP dBm/10MH:	z)		MO Total E dBm/10MH		Limit (dBm/	Verdic
er	tion	LCH	MCH	НСН	(dBi)	LCH	MCH	НСН	LCH	MCH	HCH	10MH z)	t
2C	QPSK	/	22.94	/	18.00	/	40.94	/	/	46.96	/	47.0	PASS



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3C	QPSK	/	22.96	/	18.00	/	40.47	/	/	46.49	/	47.0	PASS
4C	QPSK	/	22.2	/	18.00	/	40.2	/	/	46.22	/	47.0	PASS
6C	QPSK	/	22.94	/	18.00	/	40.94	/	/	46.96	/	47.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.



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Maximum Power Spectral Density (PSD)

				PSD	Test dat	ta: N48 _	_10MHz	Bandwid	th				
I Antenna dain I											Limit		
Modulation	(dBm/MH	z)	KIILUIII	ia yairi	(dBm/MH	z)		(dBm/MHz))	(dBm/	Verdict
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	
QPSK	25.890	26.268	26.365	/	4.00	29.89	30.268	30.365	35.91	36.288	36.385	37.0	PASS

Note

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

				PSD Te	est data: I	_TE Bar	nd48 10M	Hz Band	width				
		PSD		Antoni	oo goin		EIRP PSI)	MIMO	Total EIRI	PSD	Limit	
Modulation	(dBm/MH	z)	Anteni	na gain	(dBm/MH	z)		(dBm/MHz)	(dBm/	Verdict
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	
QPSK	/	12.597	/	/	18.00	/	30.597	/	/	36.617	/	37.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

				PSE) Test da	ata: N48	_ 20MHz	Bandwid	dth				
Madulatian	,	PSD	_\	Antenr	na gain		EIRP PS			Total EIR	PSD	Limit	\
Modulation		dBm/MH	,				dBm/MH			(dBm/MHz)			Verdict
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	
QPSK	23.125	22.168	23.211	/	4.00	27.125	26.168	27.211	33.145	32.188	33.231	37.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

				PSD Te	est data: I	_TE Bar	nd48 20M	Hz Band	width				
Modulation	(PSD dBm/MHz	<u>z</u>)	Antenr	na gain		EIRP PSI dBm/MH:		_	Total EIRI (dBm/MHz	_	Limit (dBm/	Verdict
	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	
QPSK	/	11.808	/	/	18.00	/	29.808	/	/	35.828	/	37.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.



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			PSD T	est data_Ir	ntra-band CA	contiguou	s CA for B	and 48_ 10	MHz Band	dwidth			
Carri	Carri Modula er tion		PSD (dBm/MHz)	Antenna Gain		EIRP PSD (dBm/MHz)		_	Total EIR (dBm/MHz	_	Limit (dBm/	Verdic
er	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	τ
2C	QPSK	23.691	22.827	23.314	4.00	27.691	26.827	27.314	33.711	32.847	33.334	37.0	PASS
5C	QPSK	20.460	20.561	20.407	4.00	24.46	24.561	24.407	30.48	30.581	30.427	37.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

			PSD	Test data_	Intra-band C	CA contigu	ous for Bar	nd 48_ 10N	1Hz Bandv	vidth			
Carri	Modula		PSD (dBm/MHz)	Antenna Gain		EIRP PSD (dBm/MHz)		MIMC	Total EIR (dBm/MHz		Limit (dBm/	Verdic
er	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	τ
2C	QPSK	/	12.451	/	18.00	/	30.451	/	/	36.471	/	37.0	PASS
5C	QPSK	/	12.810	/	18.00	/	30.81	/	/	36.83	/	37.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number.
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

			PSD T	est data_lr	ntra-band CA	contiguou	s CA for B	and 48_ 20	MHz Ban	dwidth			
Carri	Modula		PSD (dBm/MHz))	Antenna Gain		EIRP PSD (dBm/MHz)		_	Total EIR (dBm/MHz	_	Limit (dBm/	Verdic
er	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	τ
2C	QPSK	20.590	21.012	20.652	4.00	24.59	25.012	24.652	30.61	31.032	30.672	37.0	PASS
5C	QPSK	17.287	17.254	17.405	4.00	21.287	21.254	21.405	27.307	27.274	27.425	37.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

			PSD	Test data	_Intra-band C	CA contigu	ous for Ban	d 48_ 20N	IHz Bandv	vidth			
Carri	Modula		PSD (dBm/MHz))	Antenna Gain		EIRP PSD (dBm/MHz)		_	Total EIR (dBm/MHz	_	Limit (dBm/	Verdic
er	tion	LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	τ
2C	QPSK	/	12.553	/	18.00	/	30.553	/	/	36.573	/	37.0	PASS



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5C	QPSK	/	12.499	/	18.00	/	30.499	/	/	36.519	/	37.0	PASS
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Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

	PSD Test data_Intra-band CA non-contiguous CA for Band 48_ 10MHz Bandwidth													
Carri	Modula tion	PSD (dBm/MHz)			Antenna EIRP PSD Gain (dBm/MHz)					Total EIR (dBm/MHz	Limit (dBm/	Verdic		
er		LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	ι	
2C	QPSK	/	23.152	/	4.00	/	27.152	/	/	33.172	/	37.0	PASS	
3C	QPSK	20.584	20.503	20.919	4.00	24.584	24.503	24.919	30.604	30.523	30.939	37.0	PASS	
4C	QPSK	/	21.520	/	4.00	/	25.520	/	/	31.54	/	37.0	PASS	
6C	QPSK	/	19.955	/	4.00	/	23.955	/		29.975		37.0	PASS	

- 1) Note:
- 2) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 3) All modes have been tested and we only record the worst test data.
- 4) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

	PSD Test data_Intra-band CA non-contiguous CA for Band 48_ 10MHz Bandwidth													
Carri	Modula tion	PSD (dBm/MHz)			Antenna Gain	EIRP PSD (dBm/MHz)				Total EIR (dBm/MHz	Limit (dBm/	Verdic		
er		LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	l (
2C	QPSK	/	12.202	/	18.00	/	30.202	/	/	36.222	/	37.0	PASS	
3C	QPSK	/	12.464	/	18.00	/	30.464	/	/	36.484	/	37.0	PASS	
4C	QPSK	/	12.437	/	18.00	/	30.437	/	/	36.457	/	37.0	PASS	
6C	QPSK	/	12.450	/	18.00	/	30.450	/		36.47		37.0	PASS	

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.

	PSD Test data_Intra-band CA non-contiguous CA for Band 48_ 20MHz Bandwidth												
Carri	Modula tion	PSD (dBm/MHz)			Antenna		EIRP PSD			MIMO Total EIRP PSD			\/a ndia
					Gain		(dBm/MHz))	(dBm/MHz)			(dBm/	Verdic
er		LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	τ
2C	QPSK	/	20.934	/	4.00	/	24.934	/	/	30.954	/	37.0	PASS



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3C	QPSK	19.222	19.286	19.466	4.00	23.222	23.286	23.466	29.242	29.306	29.486	37.0	PASS
4C	QPSK	/	18.240	/	4.00	/	22.240	/	/	28.26	/	37.0	PASS
6C	QPSK	/	16.560	/	4.00	/	20.560	/	/	26.58	/	37.0	PASS

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number

	PSD Test data_Intra-band CA non-contiguous CA for Band 48_ 20MHz Bandwidth													
Carri	Modula tion	PSD (dBm/MHz)			Antenna Gain	EIRP PSD (dBm/MHz)				Total EIR (dBm/MHz	Limit (dBm/	Verdic		
er		LCH	MCH	HCH	(dBi)	LCH	MCH	HCH	LCH	MCH	HCH	MHz)	ı ı	
2C	QPSK	/	12.194	/	18.00	/	30.194	/	/	36.214	/	37.0	PASS	
3C	QPSK	/	12.742	/	18.00	/	30.742	/	/	36.762	/	37.0	PASS	
4C	QPSK	/	12.575	/	18.00	/	30.575	/	/	36.595	/	37.0	PASS	
6C	QPSK	/	12.756	/	18.00	/	30.756	/	/	36.776	/	37.0	PASS	

Note:

- 1) EIRP PSD= Conducted PSD + Antenna gain (dBi)
- 2) All modes have been tested and we only record the worst test data.
- 3) MIMO Total EIRP PSD=EIRP PSD+10Log(N), N= Antenna number
- 4) The results with the antenna gain of 18dBi were for verification and only the worst cases were recorded.



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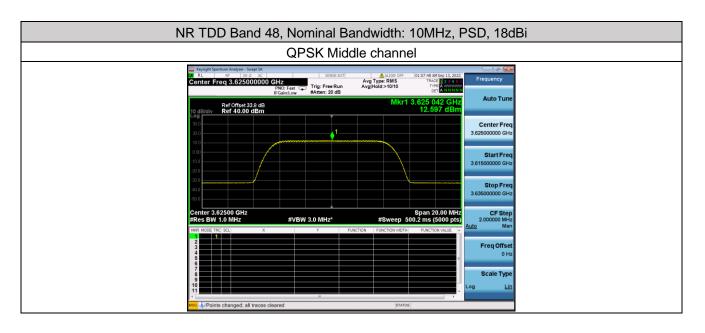
NR TDD Band 48, Nominal Bandwidth: 10MHz, PSD **QPSK Low channel QPSK Middle channel** RF 50.2 AC Pr Freq 3.555000000 GHz PNO: Fast ↓ Trig: Free Run #Atten: 20 dB Avg Type: RMS Avg|Hold:>10/10 Avg Type: RMS Avg|Hold: 10/10 Center Fre Stop Fre CF Step Freq Offs Scale Typ Points changed; all traces cleared Points changed: all traces cleared QPSK High channel Avg Type: RMS Avg|Hold:>10/10 DO GHZ PNO: Fast Trig: Free Run Auto Tur Ref Offset 34.1 dB Ref 44.10 dBm Center Fre Stop Fre 3.705000000 GH #VBW 3.0 MHz* Scale Typ



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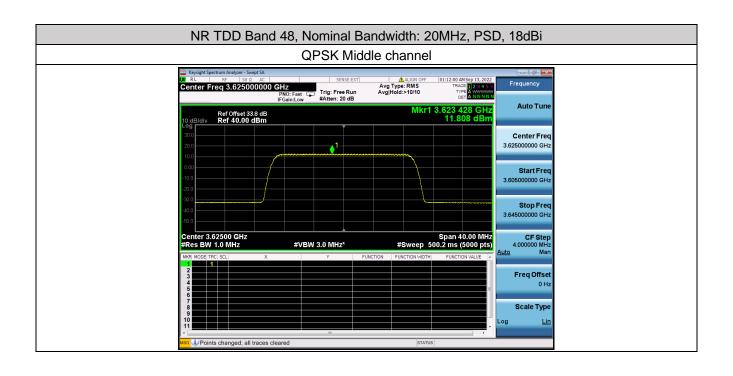




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NR TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 2C, 10MHz, PSD **QPSK Low channel QPSK Middle channel** nter Freq 3.625000000 GHz PNO: Fast Atten: 20 dB Avg Type: RMS Avg|Hold:>10/10 Avg Type: RMS Avg|Hold:>10/10 Ref Offset 33.8 dB Ref 43.80 dBm Ref Offset 33.8 dB Ref 43.80 dBm Center Fre CF Ster Freq Offs Scale Typ Scale Typ Span 40.00 MHz #Sweep 500.2 ms (5000 pts) #VBW 3.0 MHz* #VBW 3.0 MHz* QPSK High channel Avg Type: RMS Avg|Hold:>10/10 Trig: Free Run Auto Tur Ref Offset 34.2 dB Ref 44.20 dBm Center Fre Stop Fre 3.710000000 GH Scale Typ #VBW 3.0 MHz*

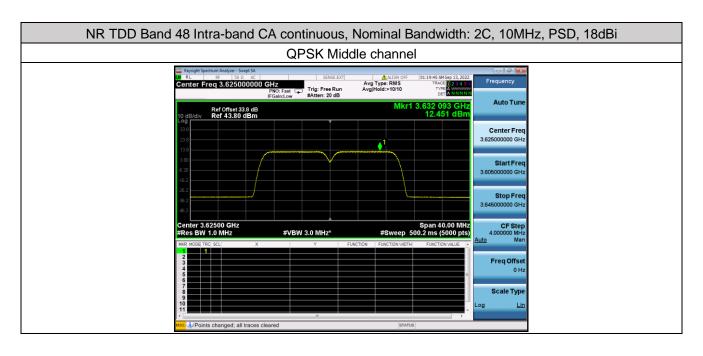


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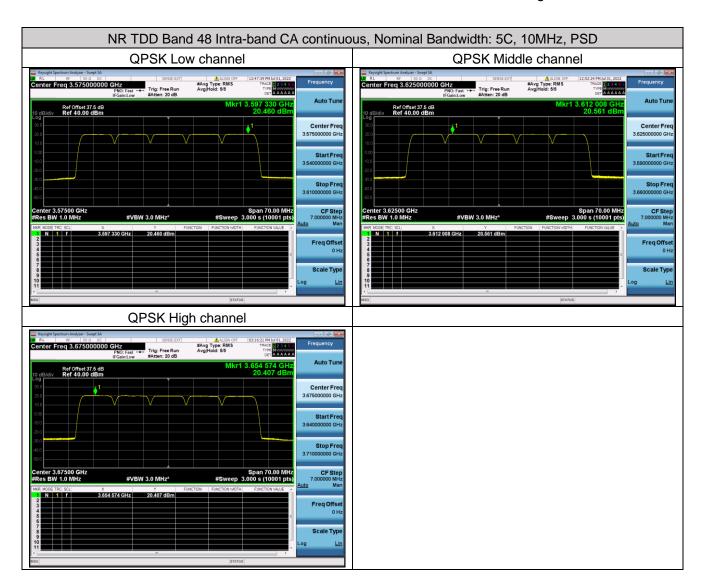


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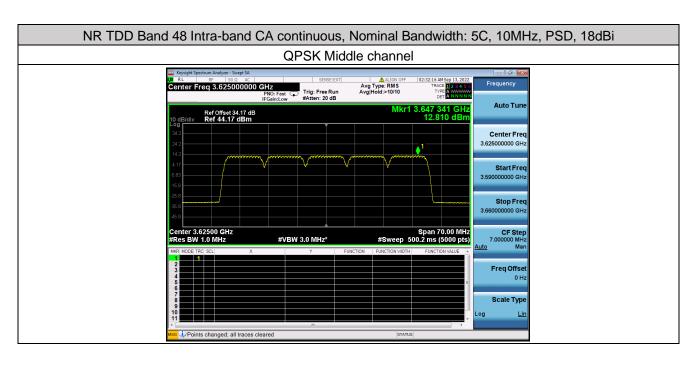




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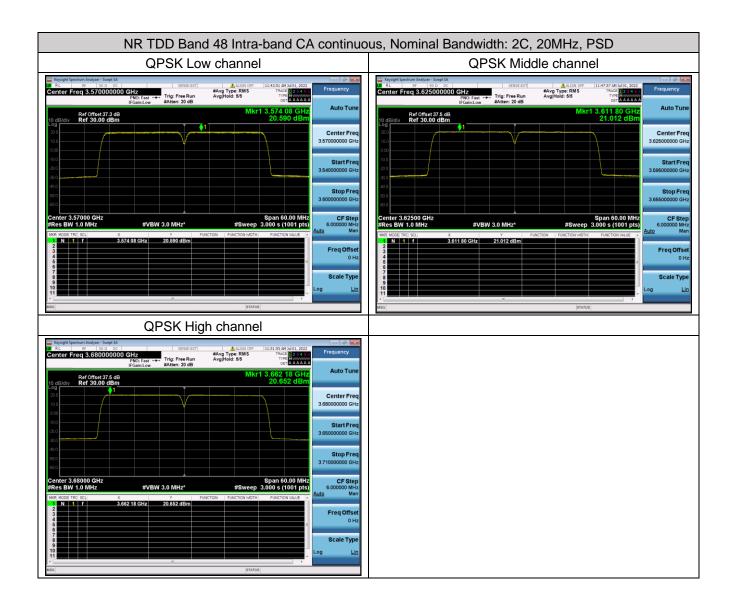


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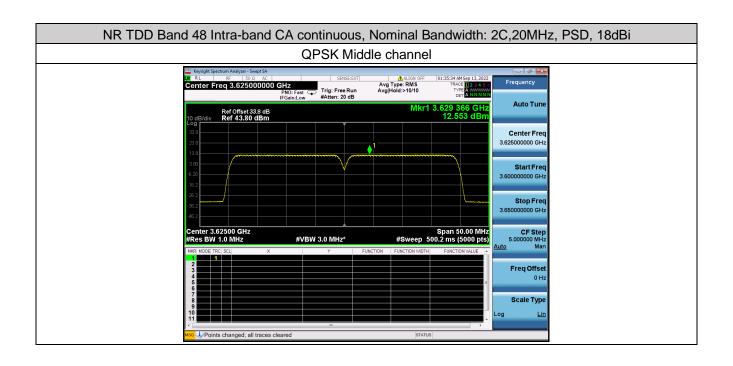




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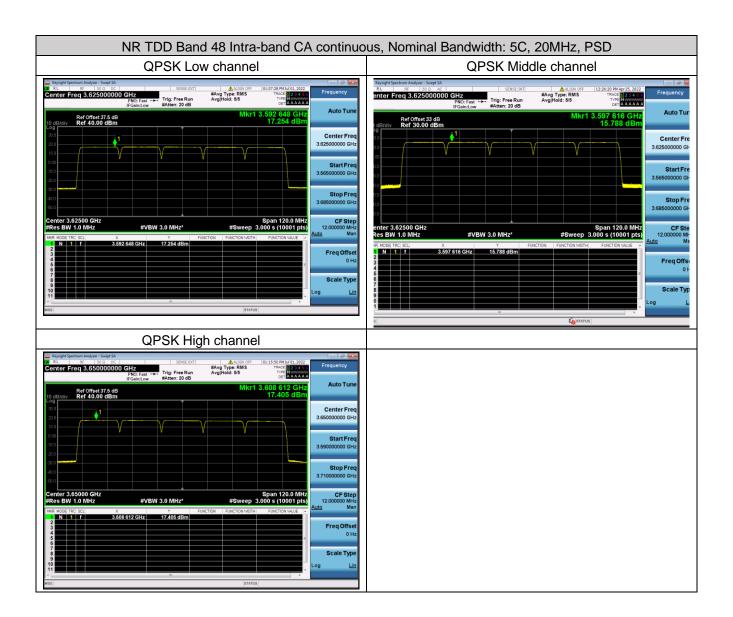


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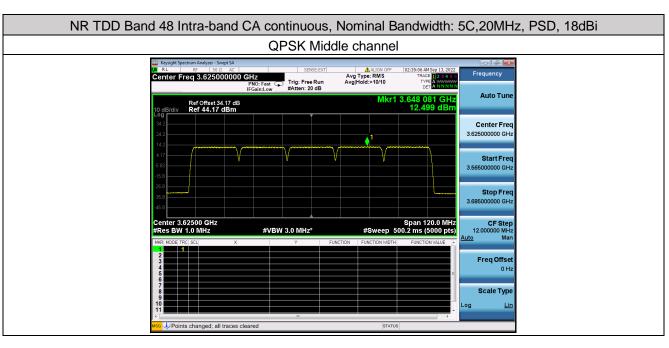


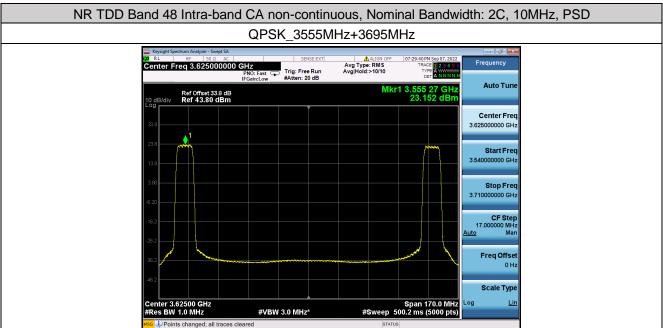


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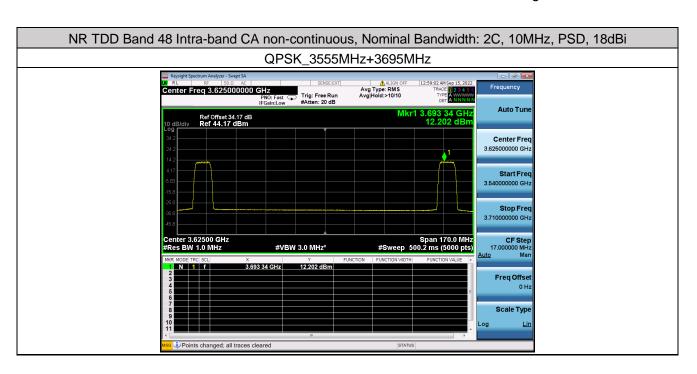




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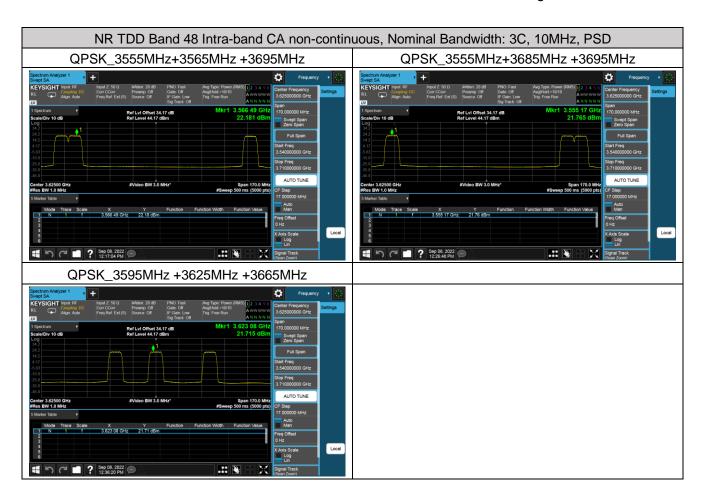


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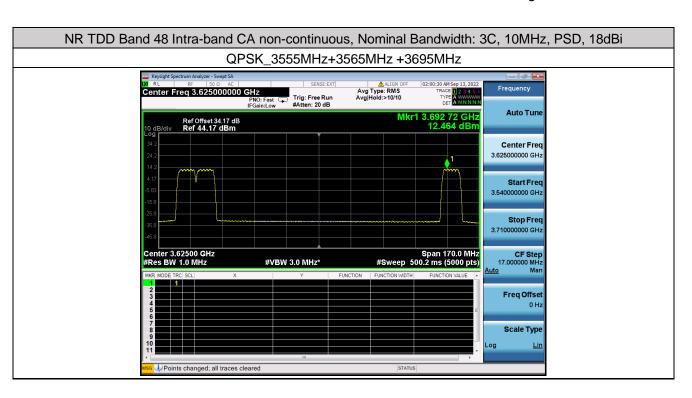


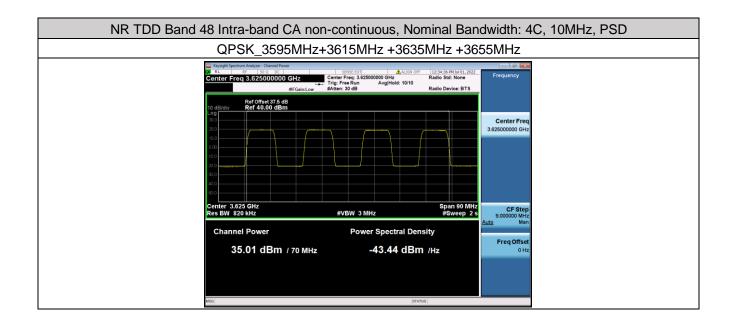


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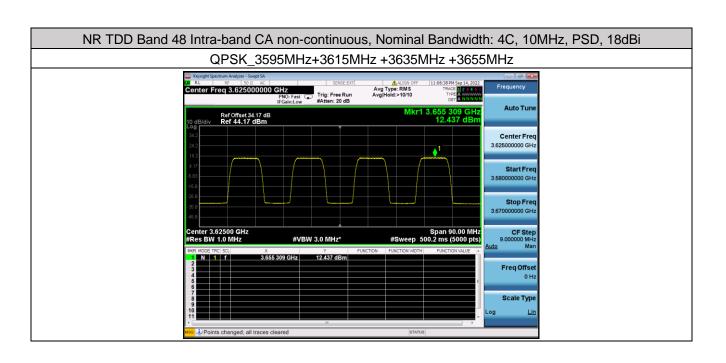


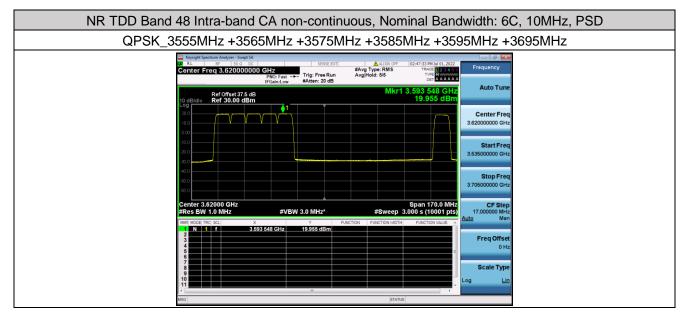


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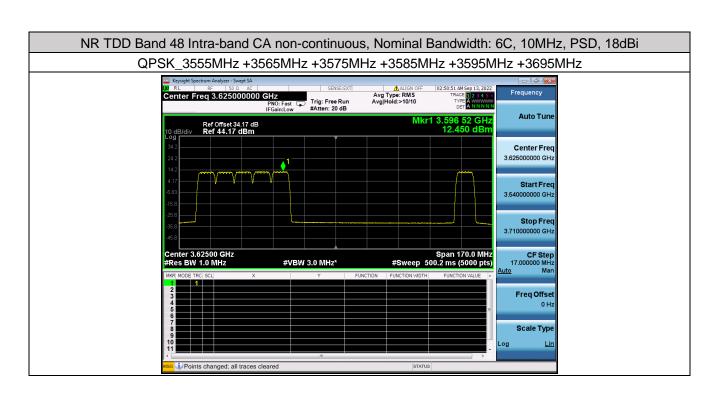


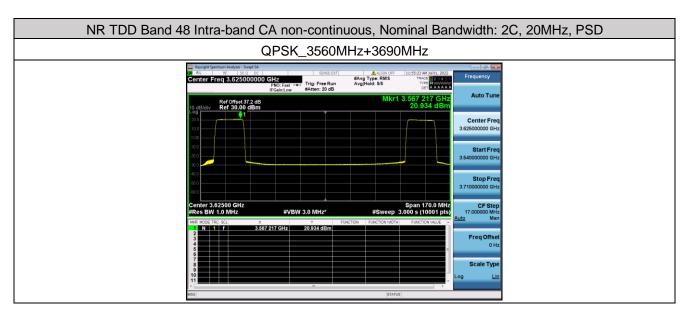
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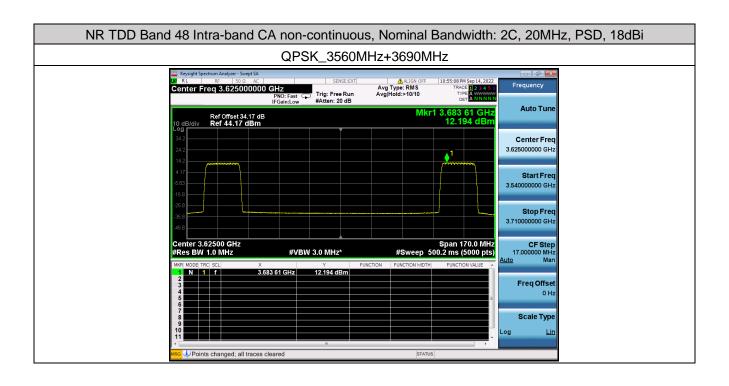




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NR TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 3C, 20MHz, PSD

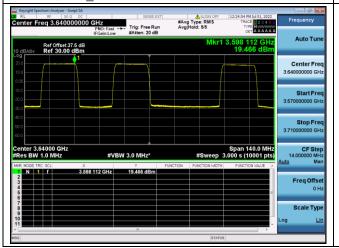
QPSK_3560MHz +3580MHz +3690MHz

QPSK_3560MHz +3670MHz +3690MHz





QPSK 3590MHz +3630MHz +3690MHz

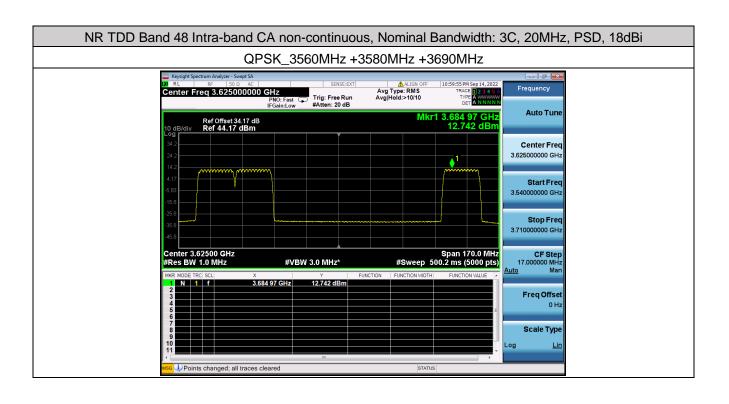




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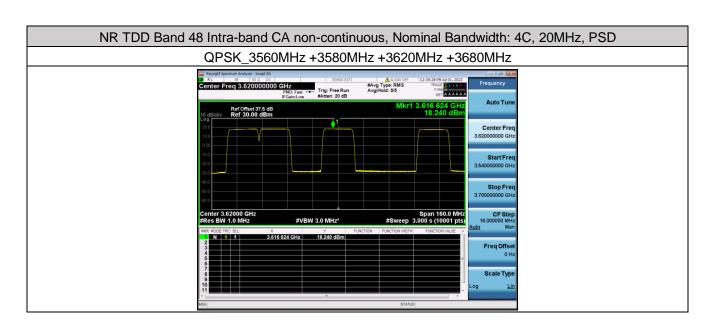


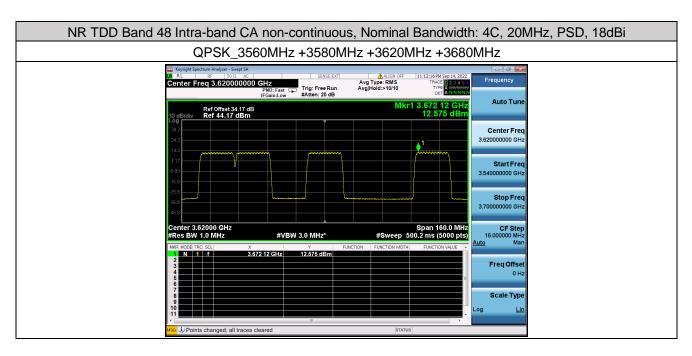
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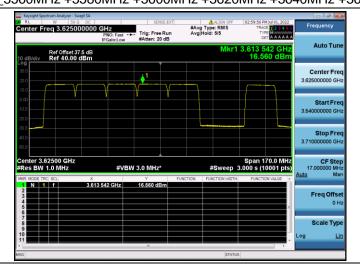


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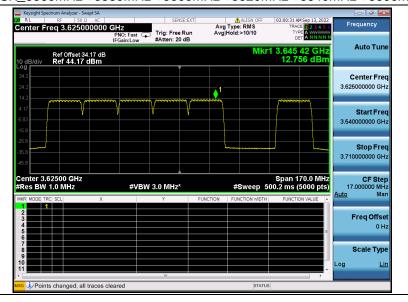
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NR TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 6C, 20MHz, PSD QPSK_3560MHz +3580MHz +3600MHz +3620MHz +3640MHz +3690MHz



NR TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 6C, 20MHz, PSD, 18dBi

QPSK 3560MHz +3580MHz +3600MHz +3620MHz +3640MHz +3690MHz





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