



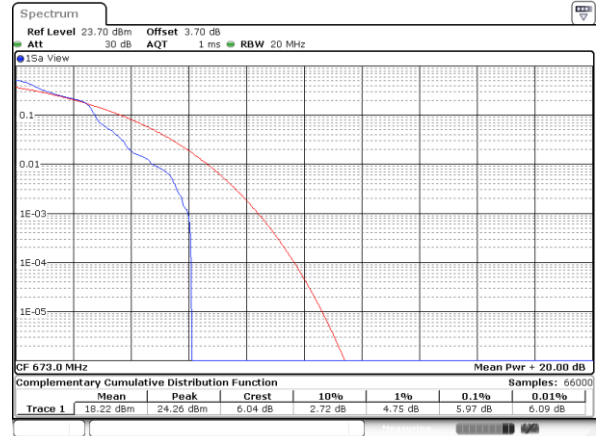
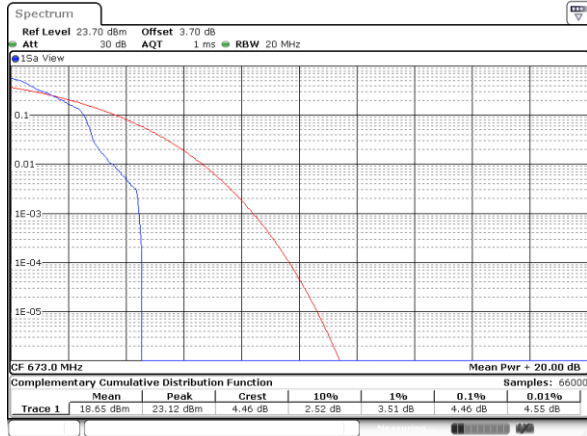
FR1 n71 / 20MHz / DFT-S OFDM

PI/2 BPSK

QPSK

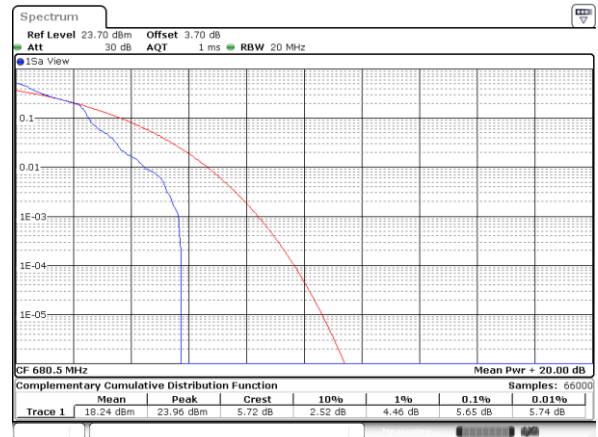
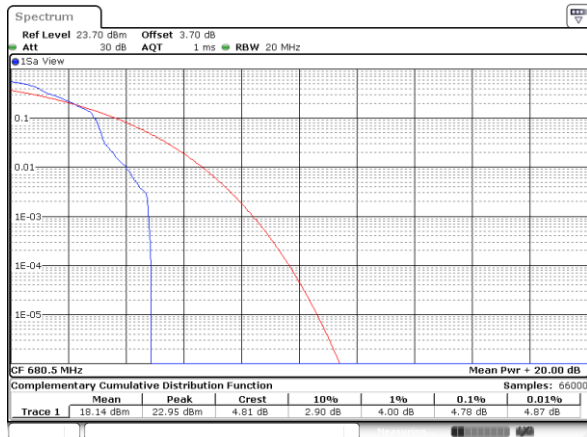
Lowest Channel / 1RB

Lowest Channel / 1RB



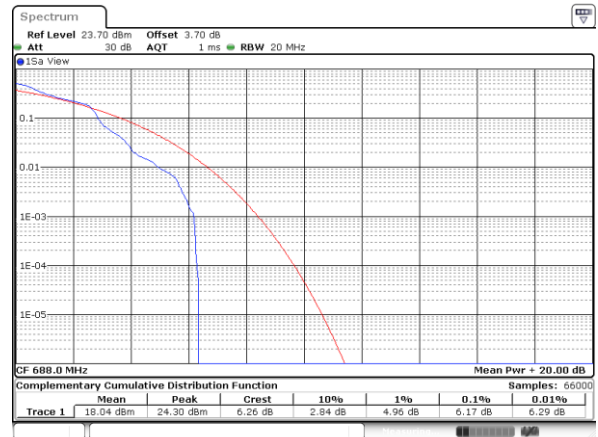
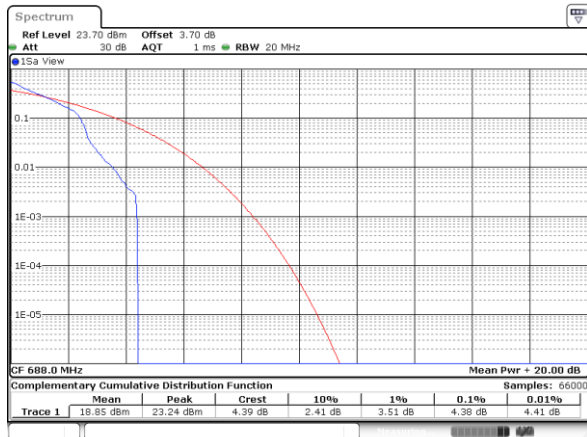
Middle Channel / 1 RB

Middle Channel / 1 RB



Highest Channel / 1 RB

Highest Channel / 1 RB





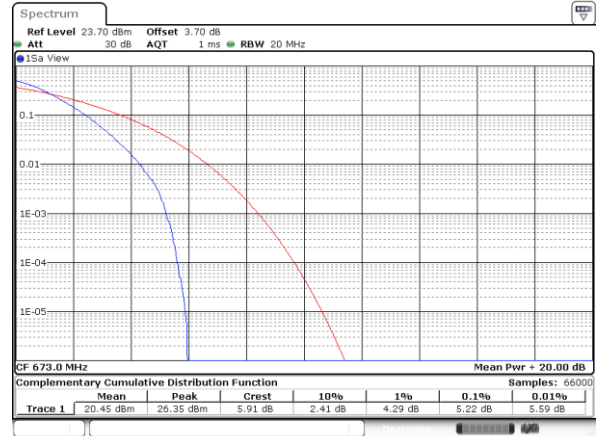
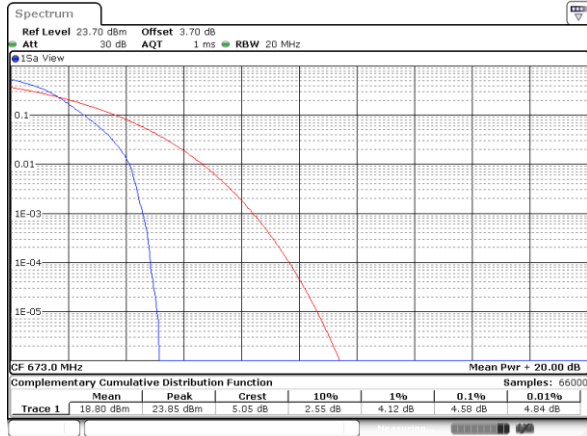
FR1 n71 / 20MHz / DFT-S OFDM

PI/2 BPSK

QPSK

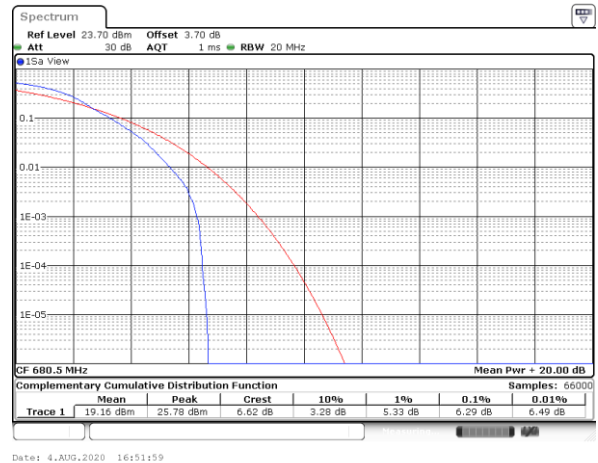
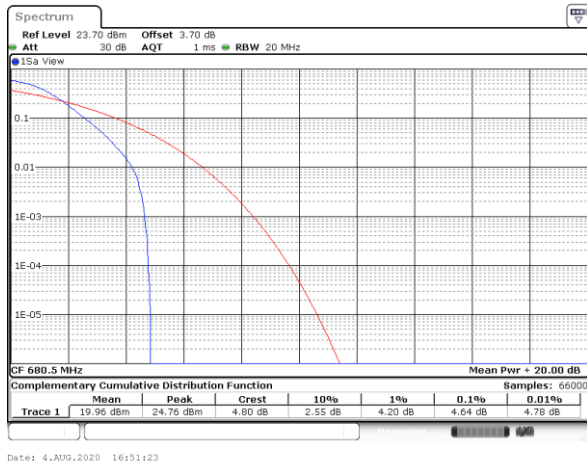
Lowest Channel / Full RB

Lowest Channel / Full RB



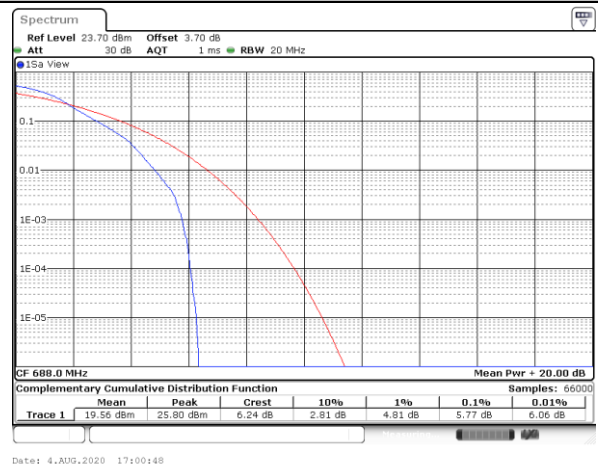
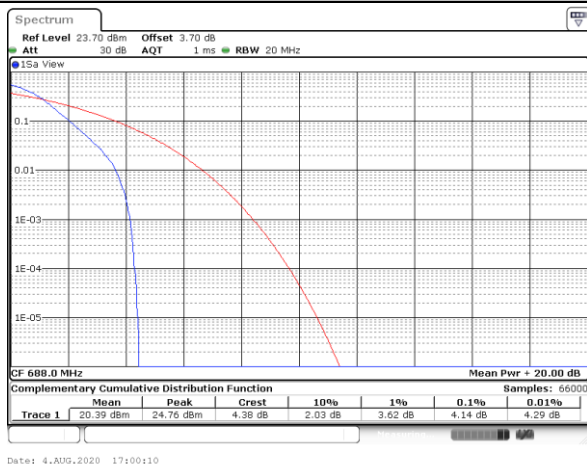
Middle Channel / Full RB

Middle Channel / Full RB



Highest Channel / Full RB

Highest Channel / Full RB



**26dB Bandwidth**

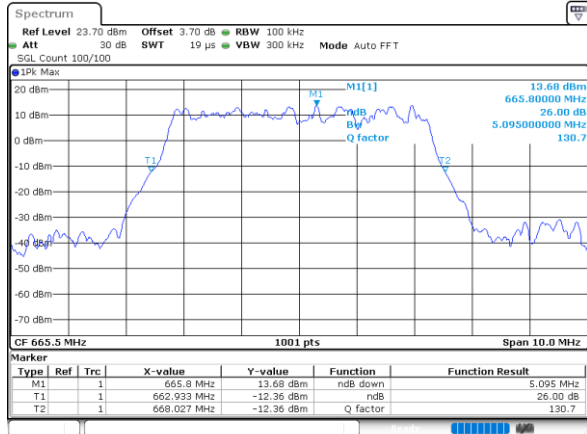
Mode	FR1 n71 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz	5MHz	10MHz	10MHz	20MHz	20MHz		
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Lowest CH	5	5.16	9.43	9.49	18.66	18.62		
Middle CH	4.69	4.77	9.85	9.39	18.62	18.78		
Highest CH	4.87	4.7	9.31	9.43	18.62	18.58		



FR1 n71 / 5MHz / DFT-S OFDM

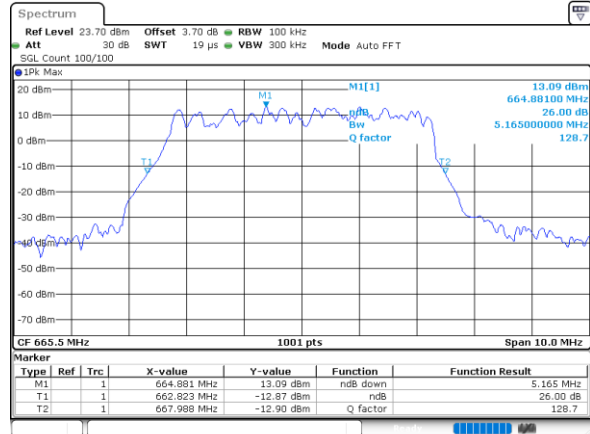
PI/2 BPSK

Lowest Channel

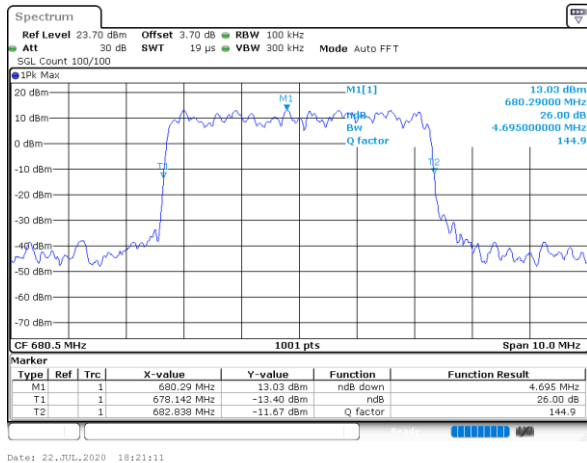


QPSK

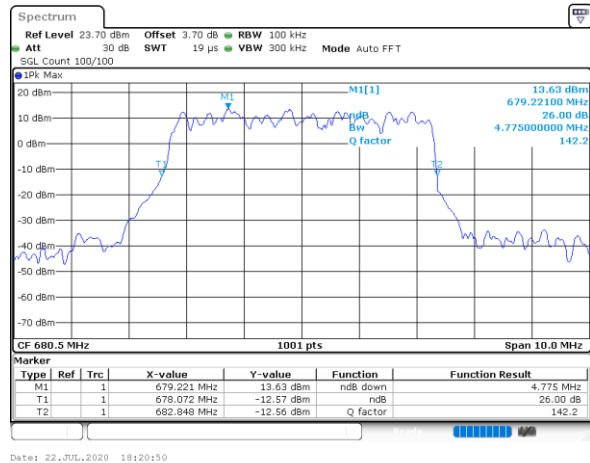
Lowest Channel



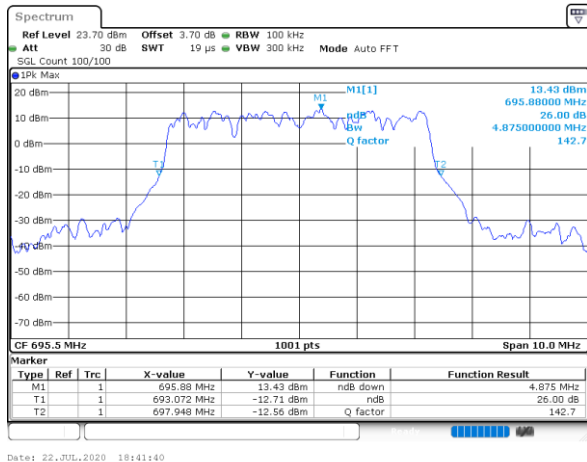
Middle Channel



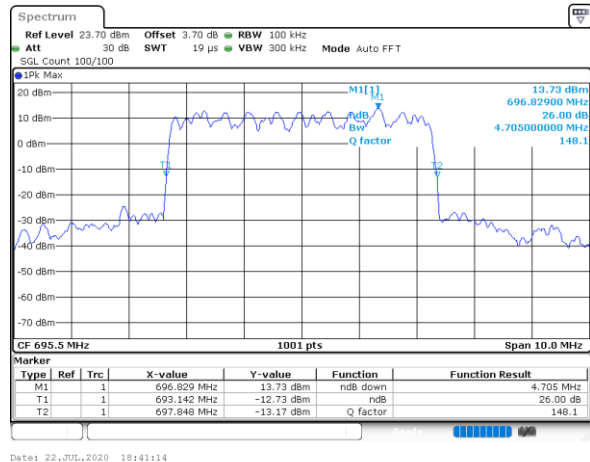
Middle Channel



Highest Channel



Highest Channel

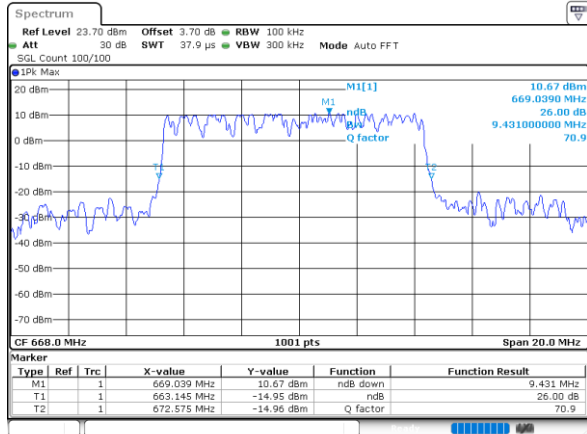




FR1 n71 / 10MHz / DFT-S OFDM

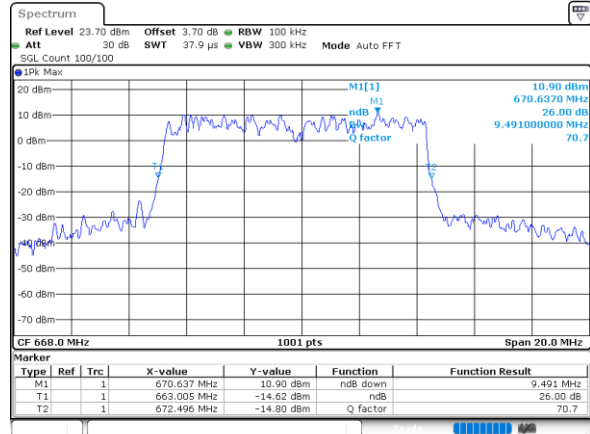
PI/2 BPSK

Lowest Channel

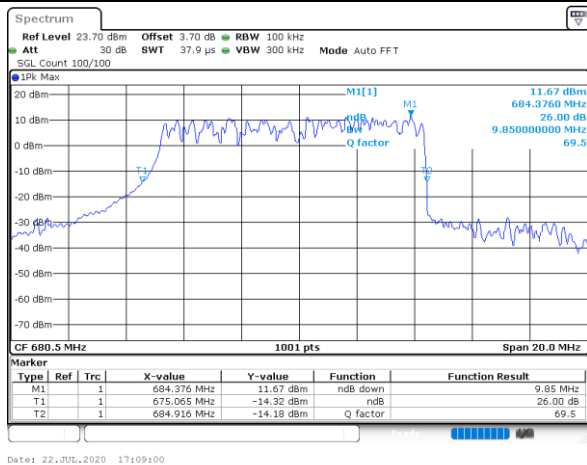


QPSK

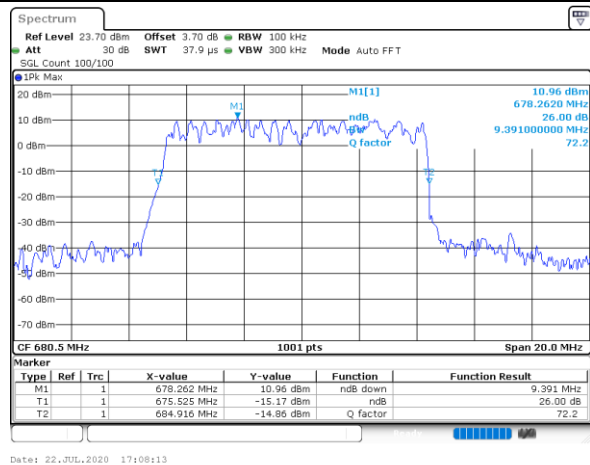
Lowest Channel



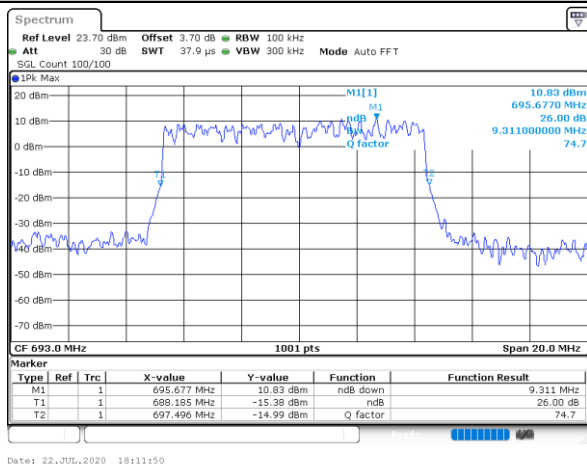
Middle Channel



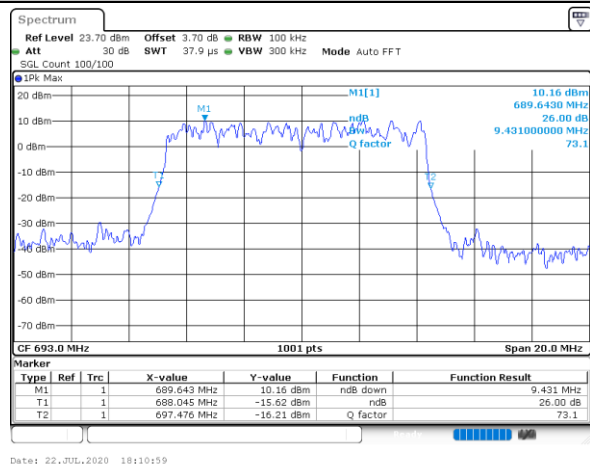
Middle Channel



Highest Channel



Highest Channel

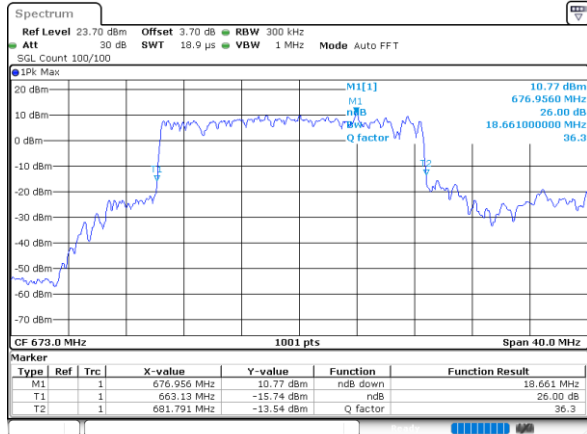




FR1 n71 / 20MHz / DFT-S OFDM

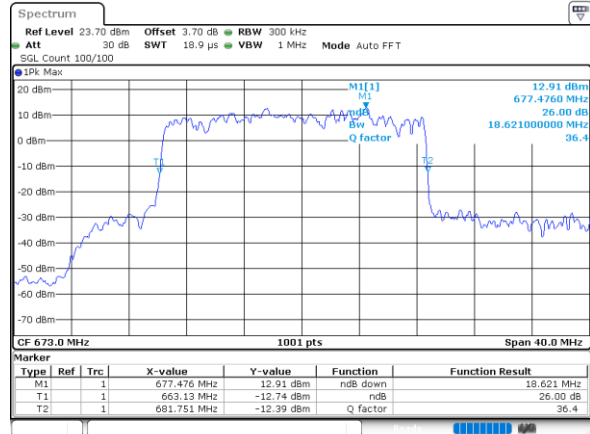
PI/2 BPSK

Lowest Channel

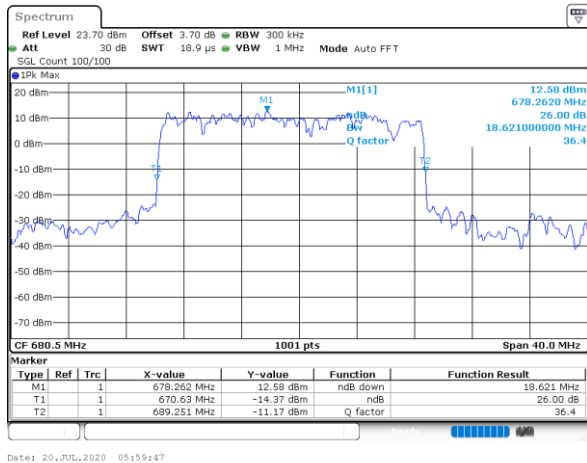


QPSK

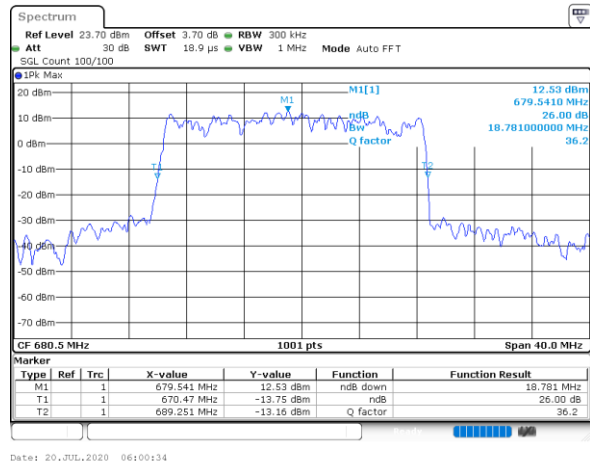
Lowest Channel



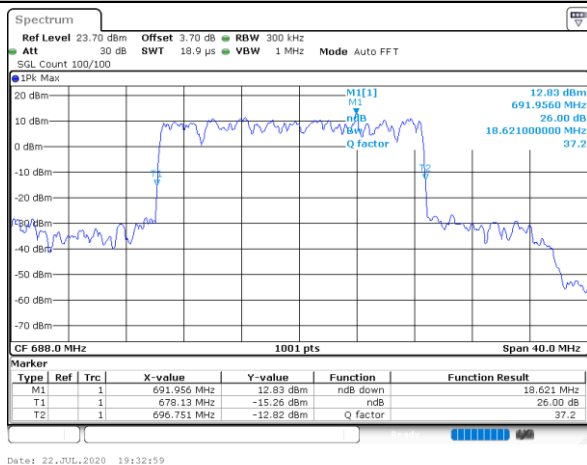
Middle Channel



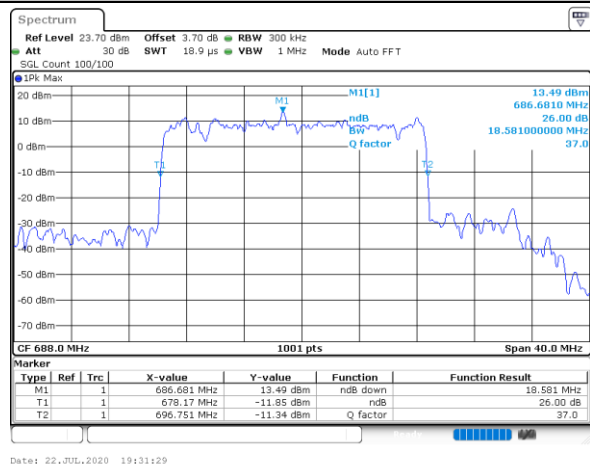
Middle Channel



Highest Channel



Highest Channel





Occupied Bandwidth

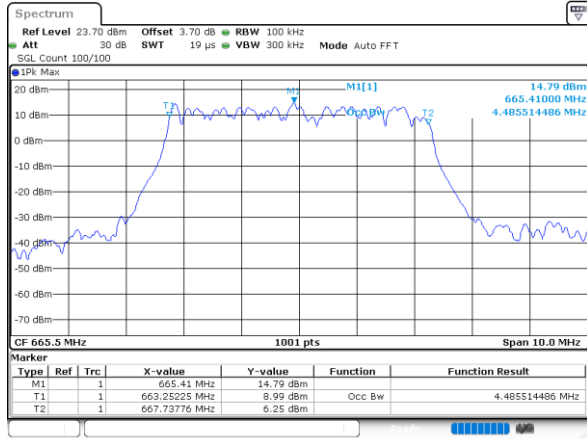
Mode	FR1 n71 : OB BW(MHz) / DFT-S OFDM							
BW	5MHz	5MHz	10MHz	10MHz	20MHz	20MHz		
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK		
Lowest CH	4.48	4.44	8.89	8.91	17.9	17.9		
Middle CH	4.45	4.49	8.97	8.93	17.86	17.9		
Highest CH	4.45	4.38	8.91	8.89	17.82	17.78		



FR1 n71 / 5MHz / DFT-S OFDM

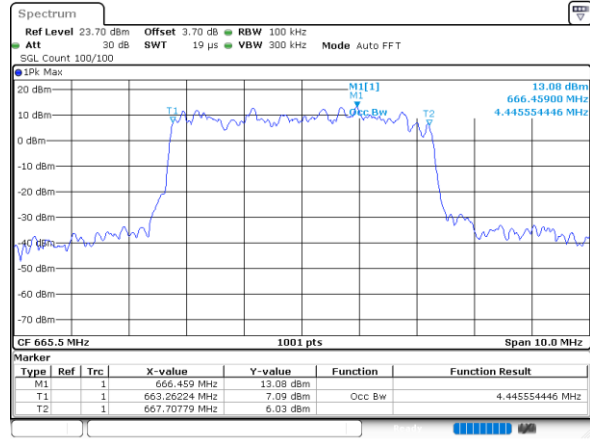
PI/2 BPSK

Lowest Channel

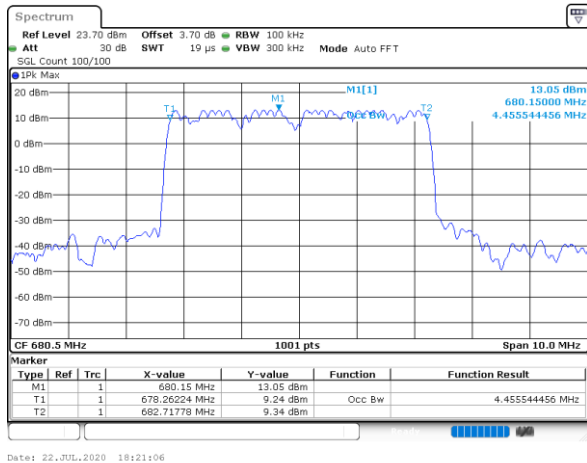


QPSK

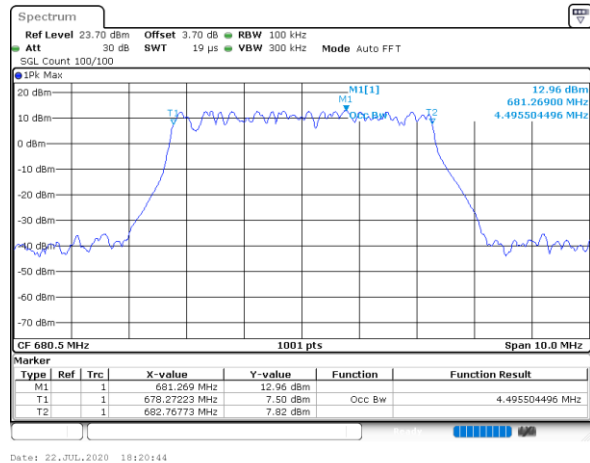
Lowest Channel



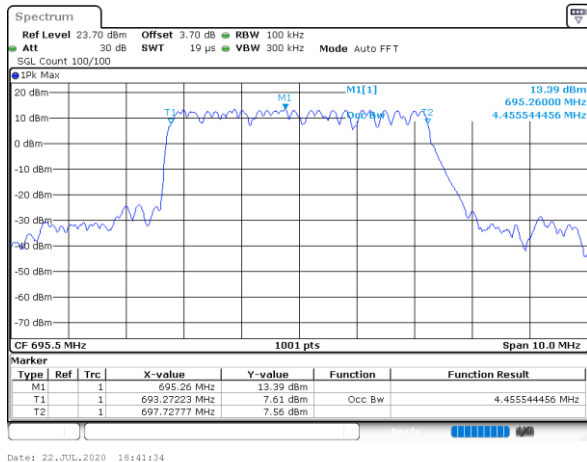
Middle Channel



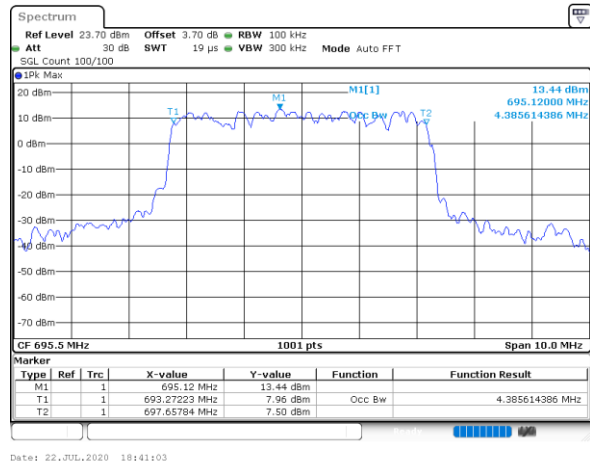
Middle Channel



Highest Channel



Highest Channel

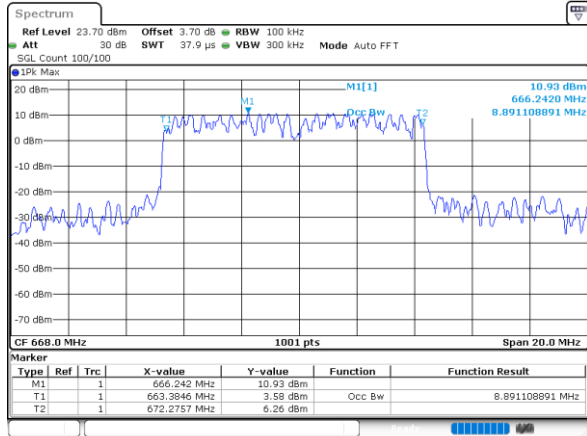




FR1 n71 / 10MHz / DFT-S OFDM

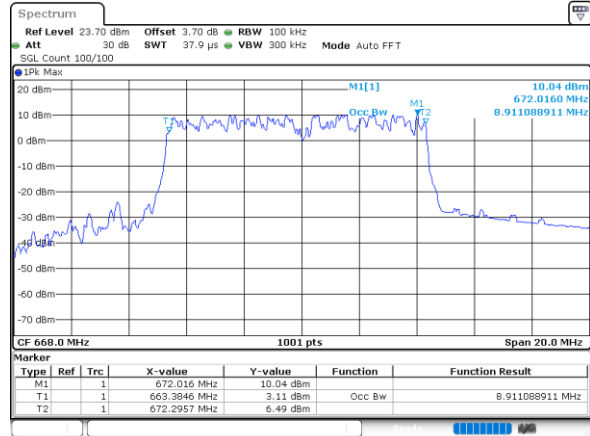
PI/2 BPSK

Lowest Channel

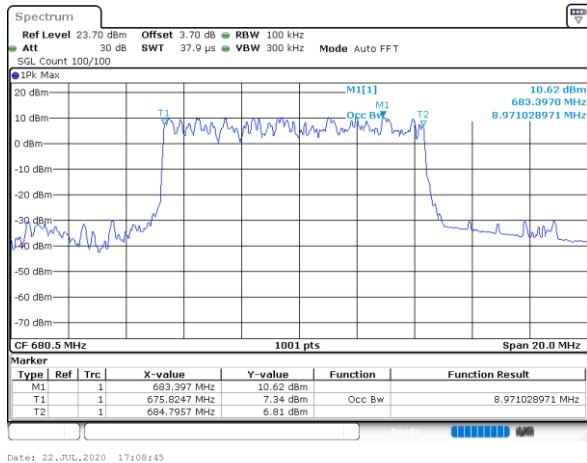


QPSK

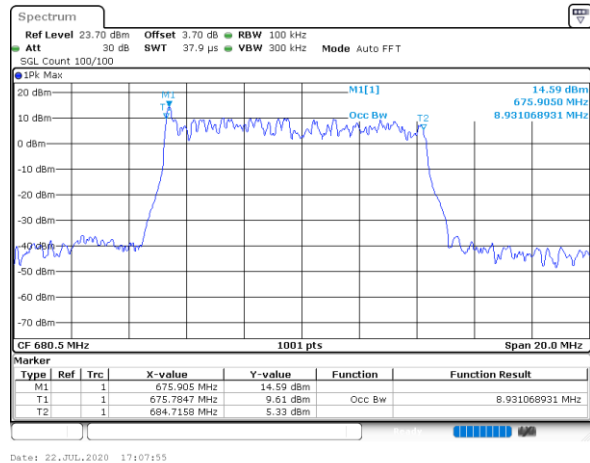
Lowest Channel



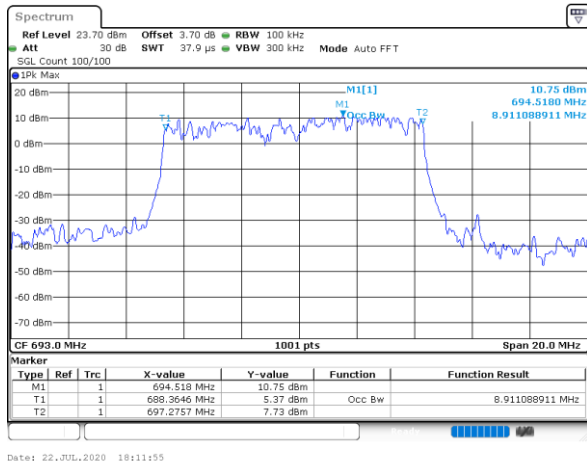
Middle Channel



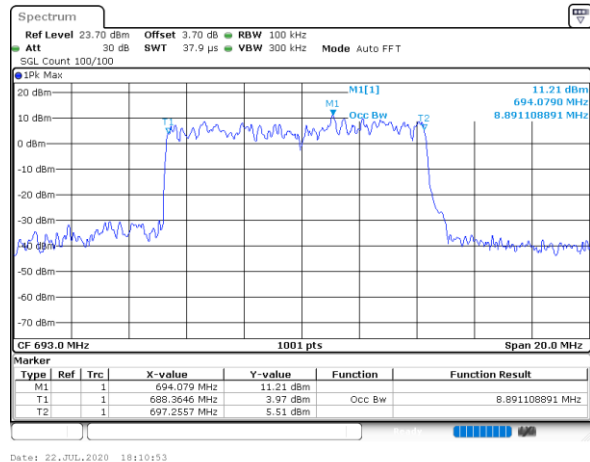
Middle Channel



Highest Channel



Highest Channel





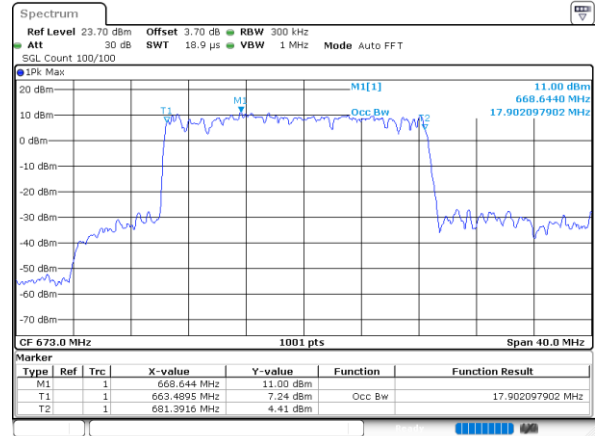
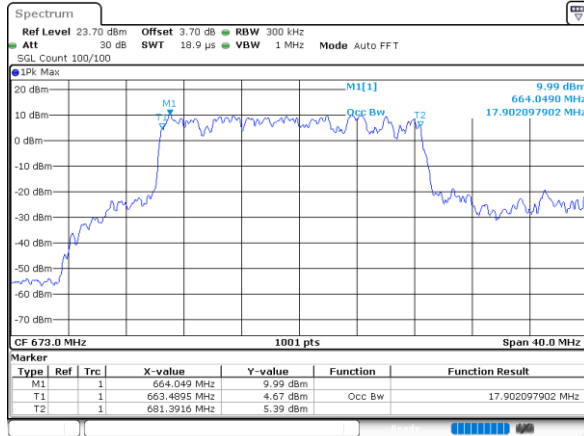
FR1 n71 / 20MHz / DFT-S OFDM

PI/2 BPSK

QPSK

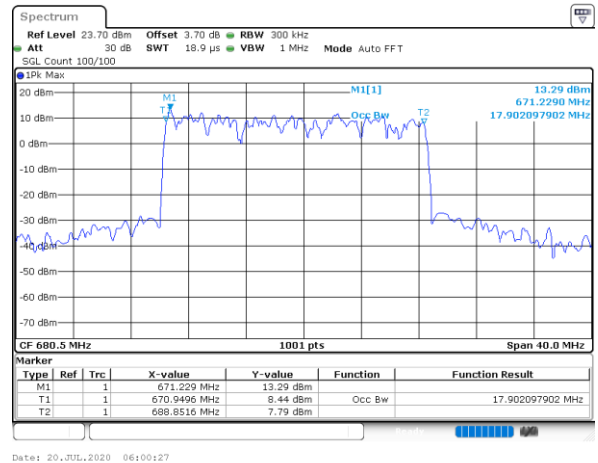
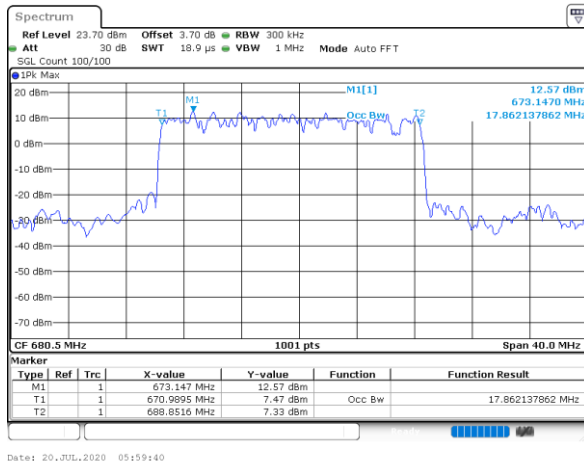
Lowest Channel

Lowest Channel



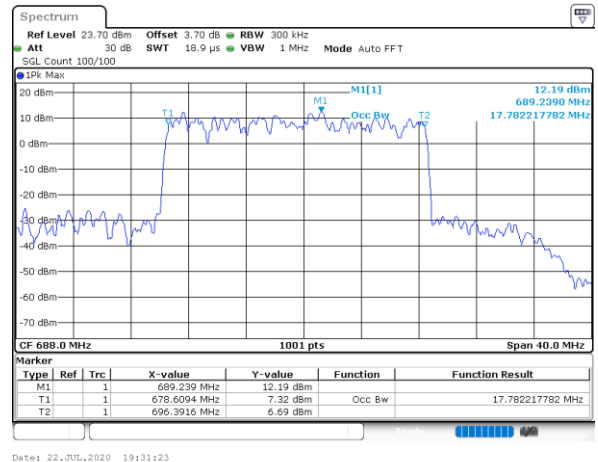
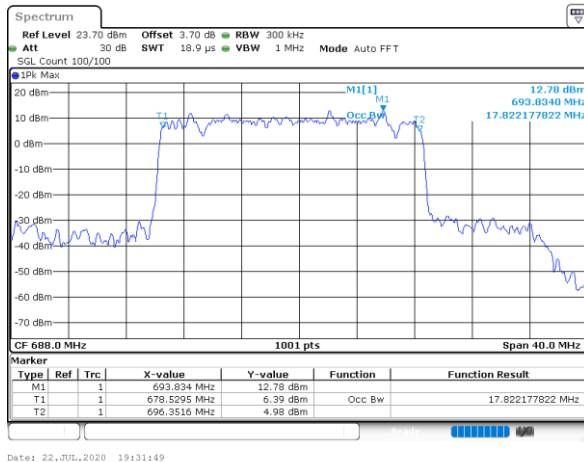
Middle Channel

Middle Channel



Highest Channel

Highest Channel



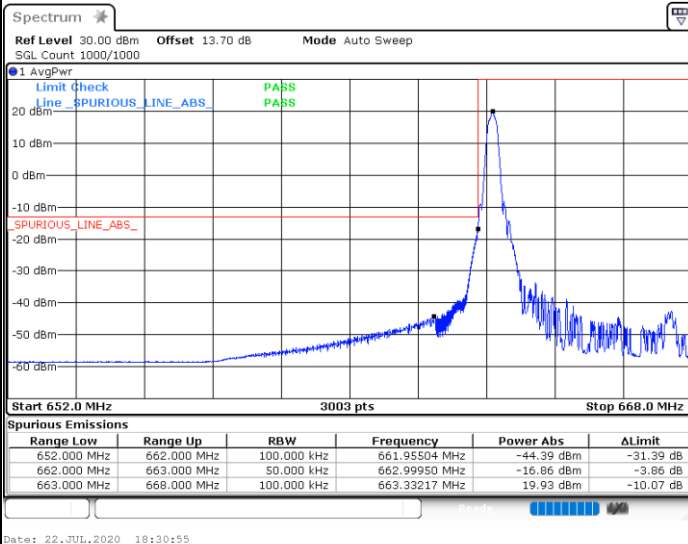


Conducted Band Edge

FR1 n71 / 5MHz / DFT-S OFDM BPSK

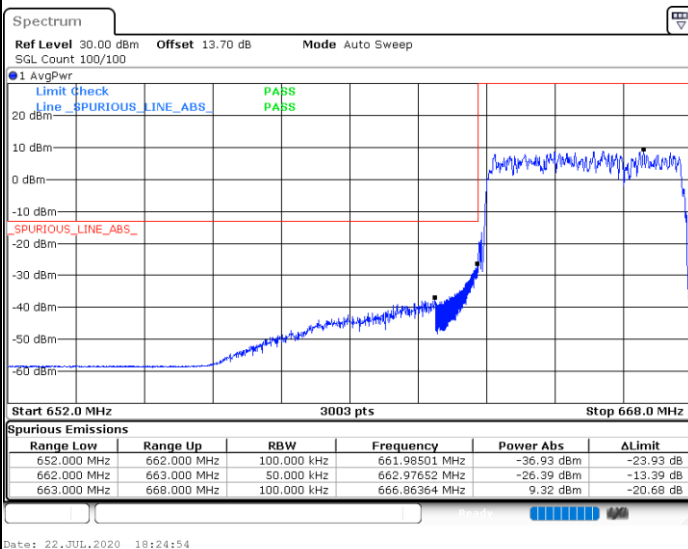
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass

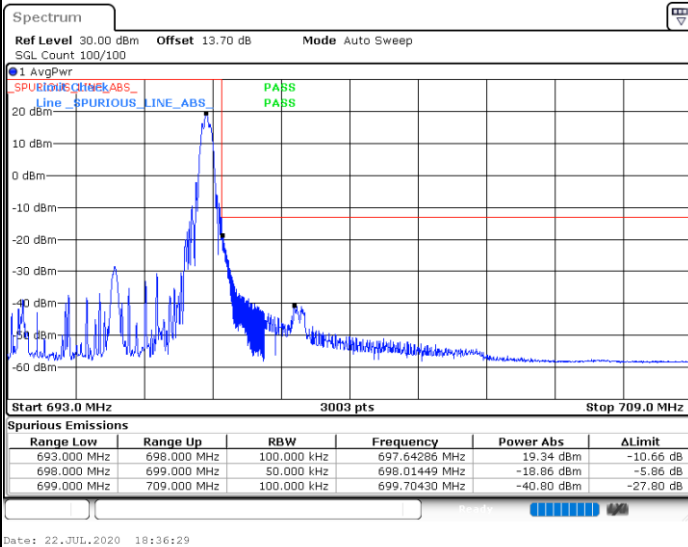




FR1 n71 / 5MHz / DFT-S OFDM BPSK

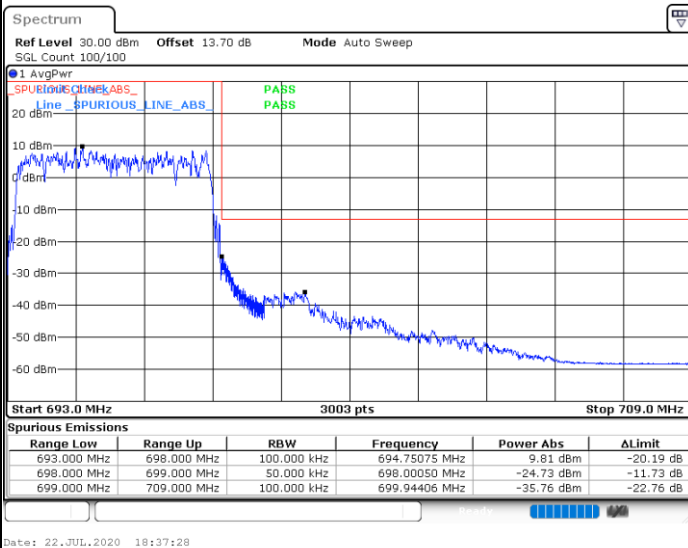
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

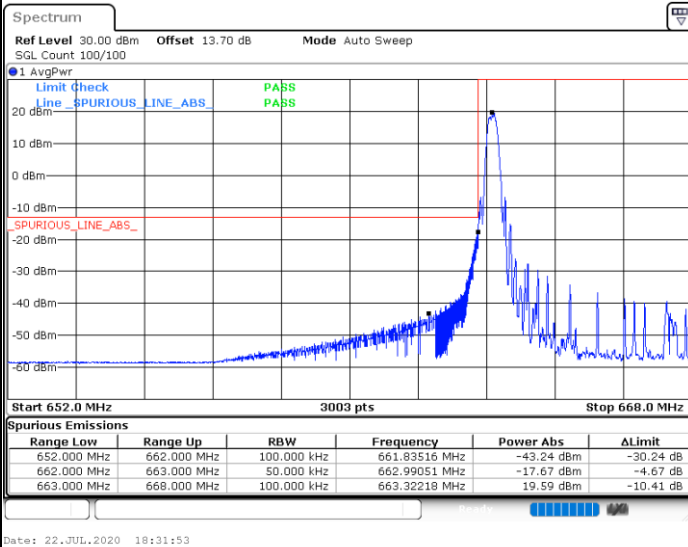




FR1 n71 / 5MHz / DFT-S OFDM QPSK

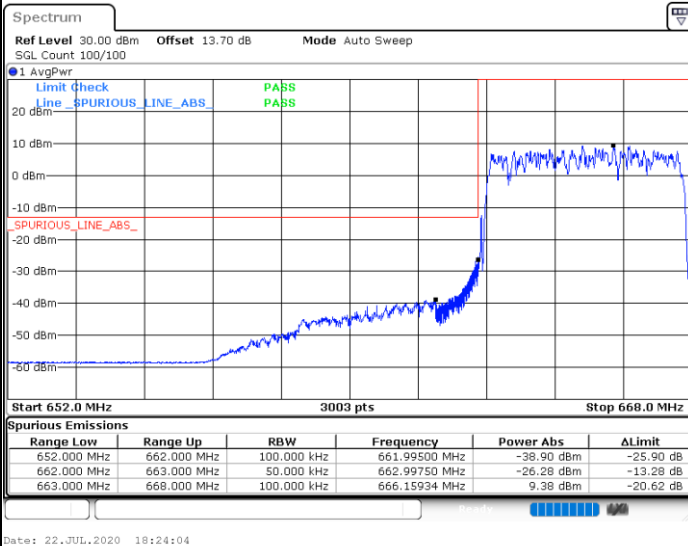
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass

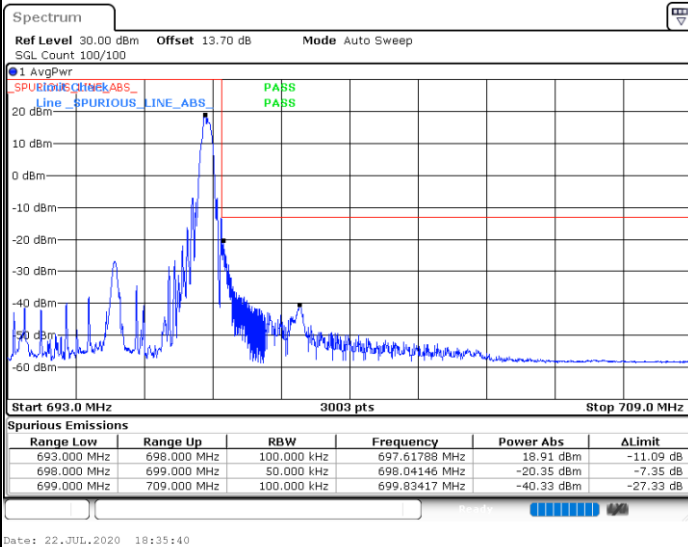




FR1 n71 / 5MHz / DFT-S OFDM QPSK

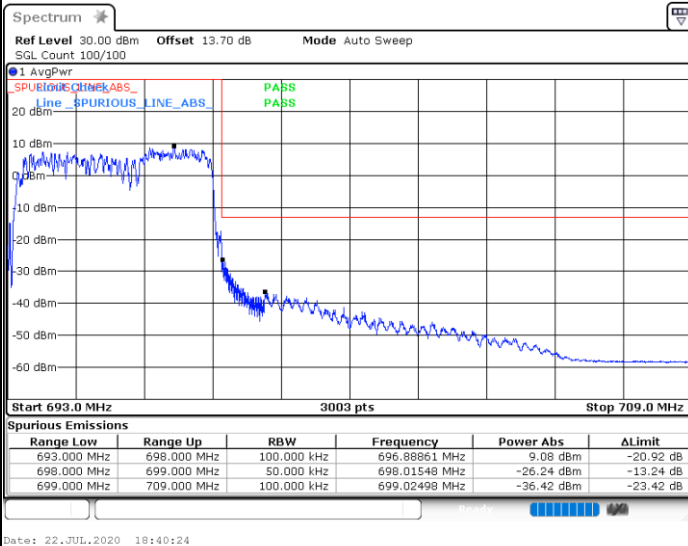
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

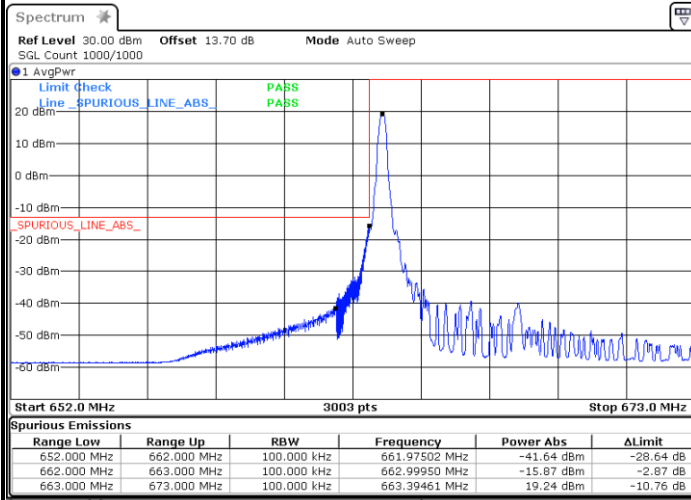
Channel Power < -13dBm Pass



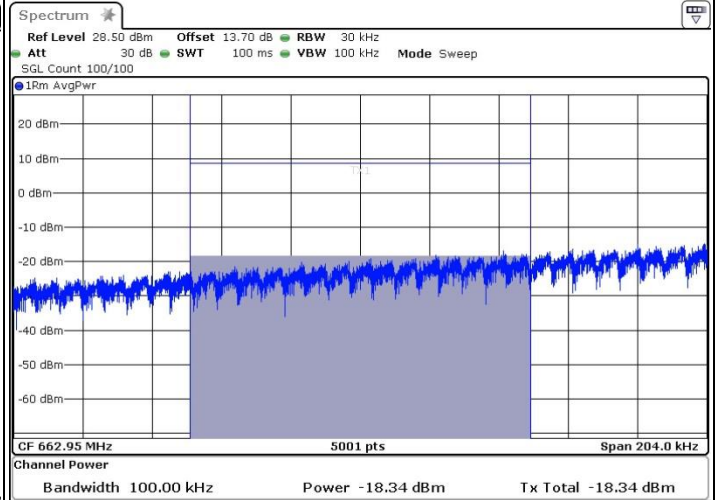


FR1 n71 / 10MHz / DFT-S OFDM BPSK

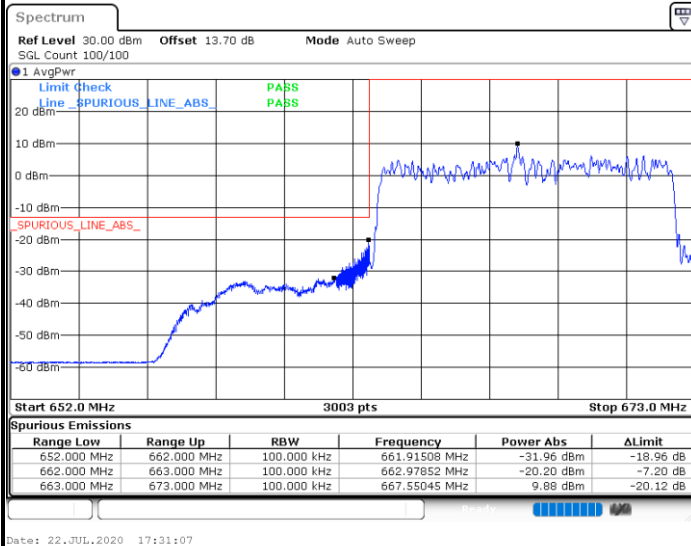
Lowest Band Edge / 1 RB



Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



Channel Power < -13dBm Pass

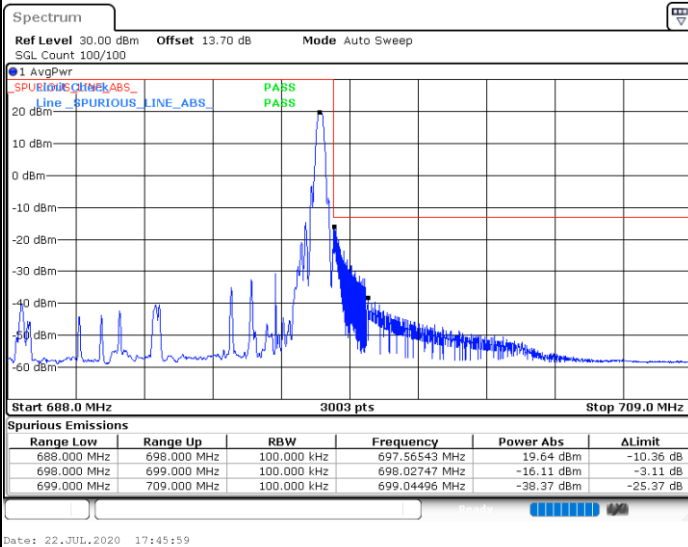
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FR1 n71 / 10MHz / DFT-S OFDM BPSK

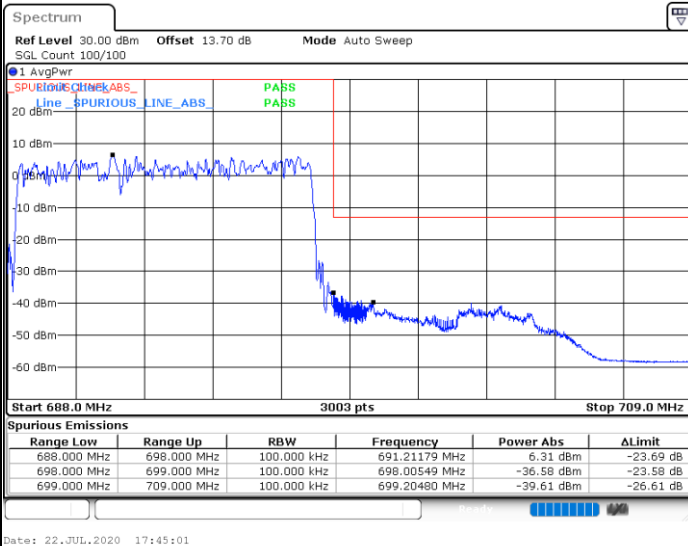
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

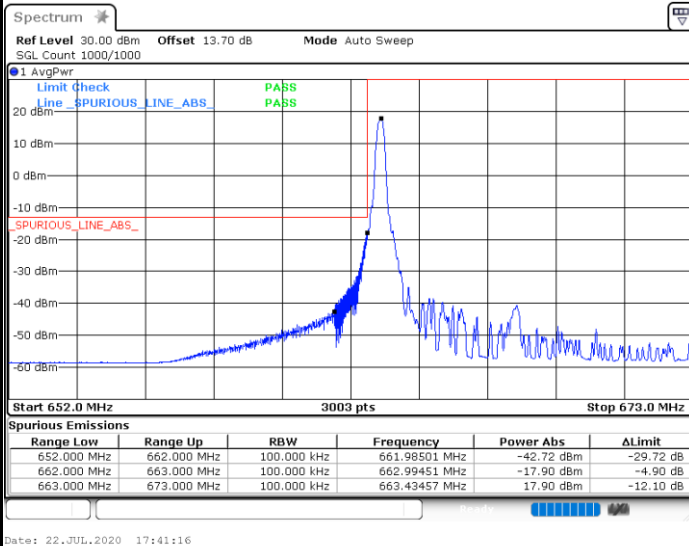




FR1 n71 / 10MHz / DFT-S OFDM QPSK

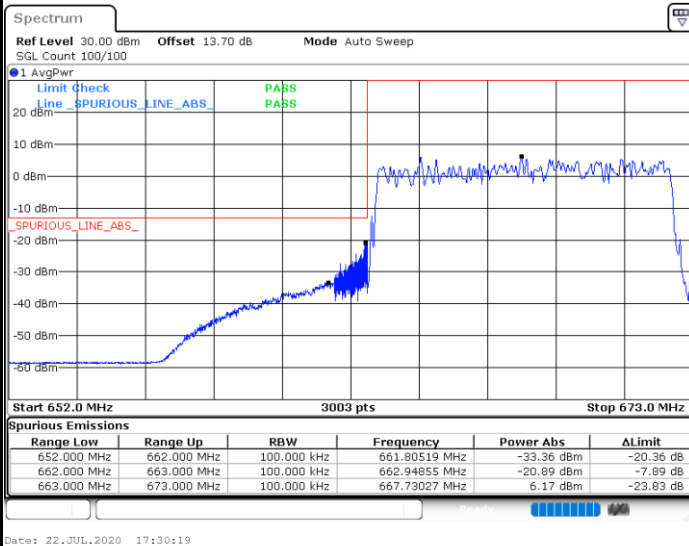
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass

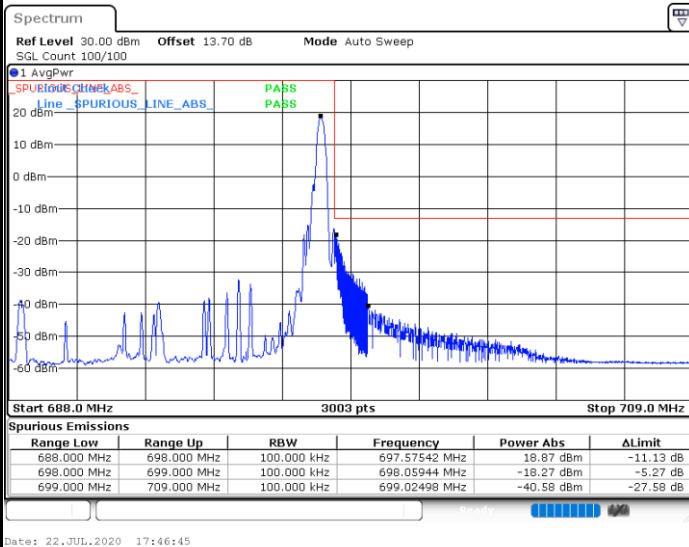




FR1 n71 / 10MHz / DFT-S OFDM QPSK

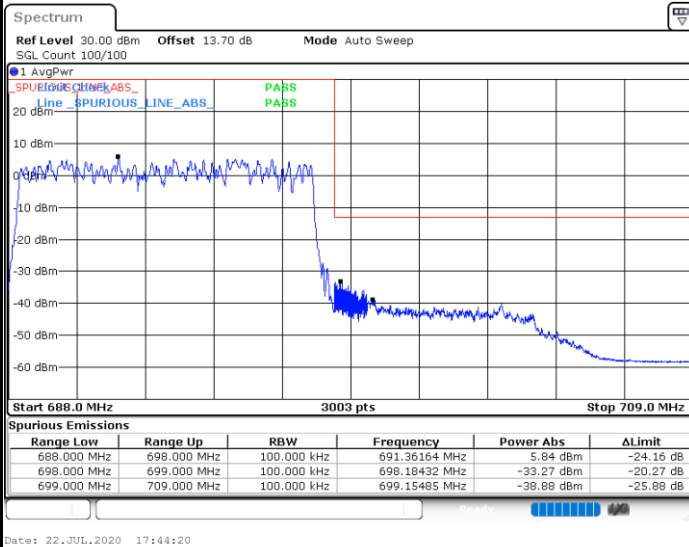
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

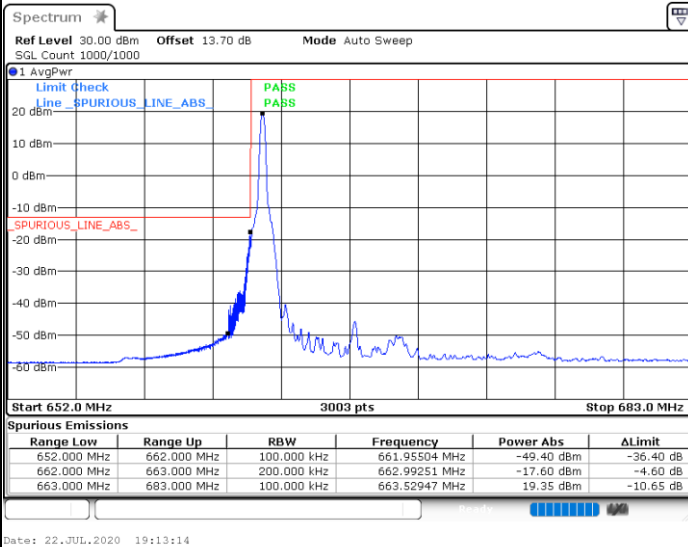




FR1 n71 / 20MHz / DFT-S OFDM BPSK

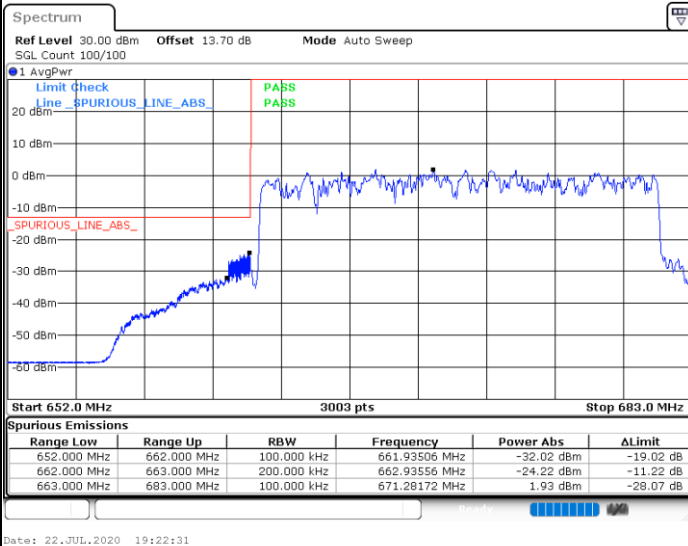
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass

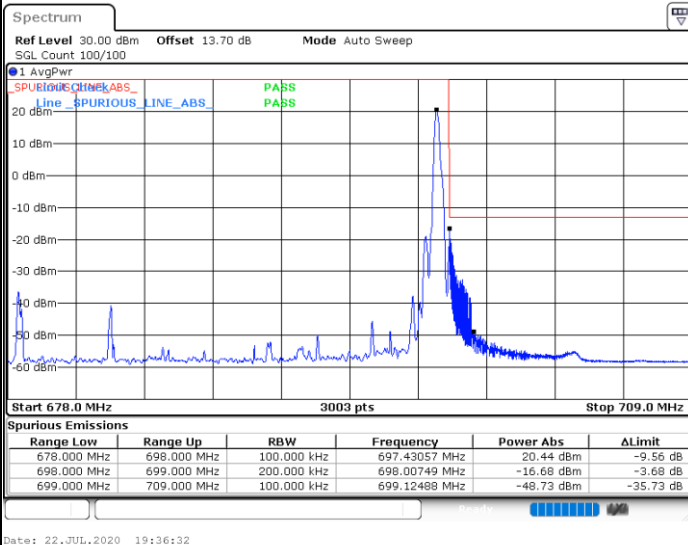




FR1 n71 / 20MHz / DFT-S OFDM BPSK

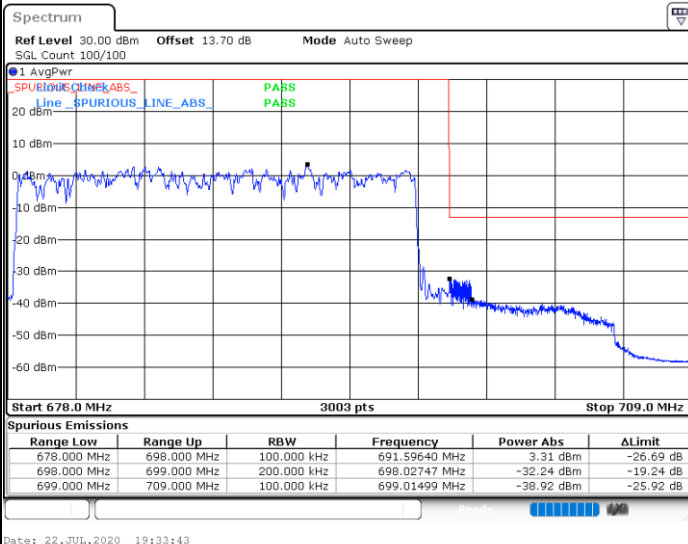
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

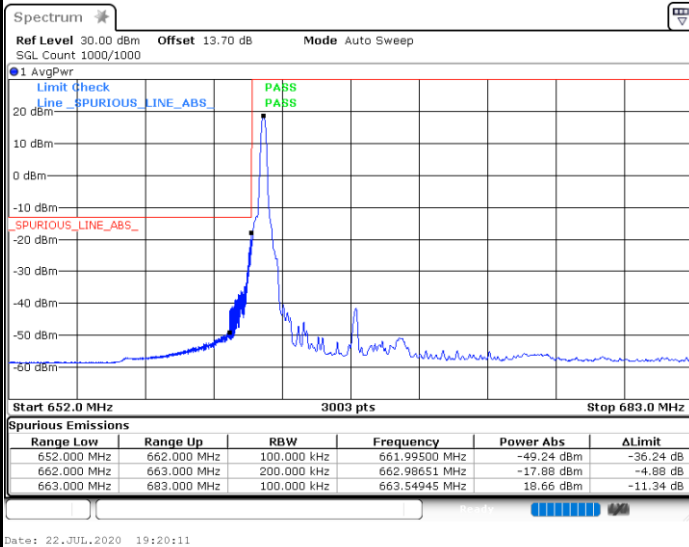




FR1 n71 / 20MHz / DFT-S OFDM QPSK

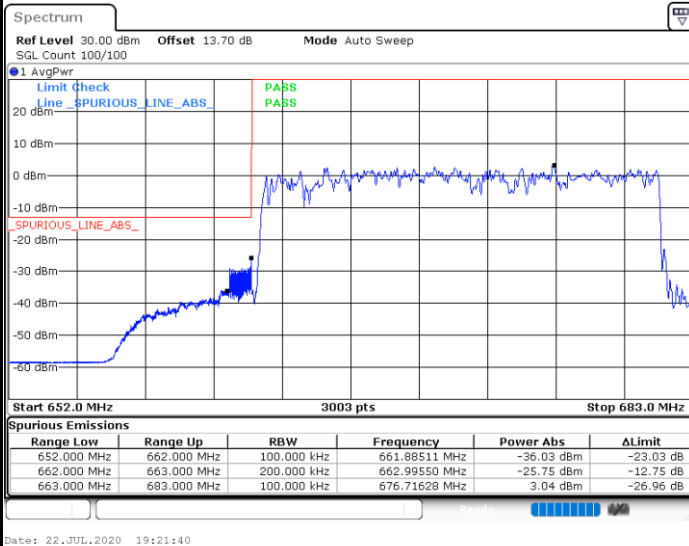
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass

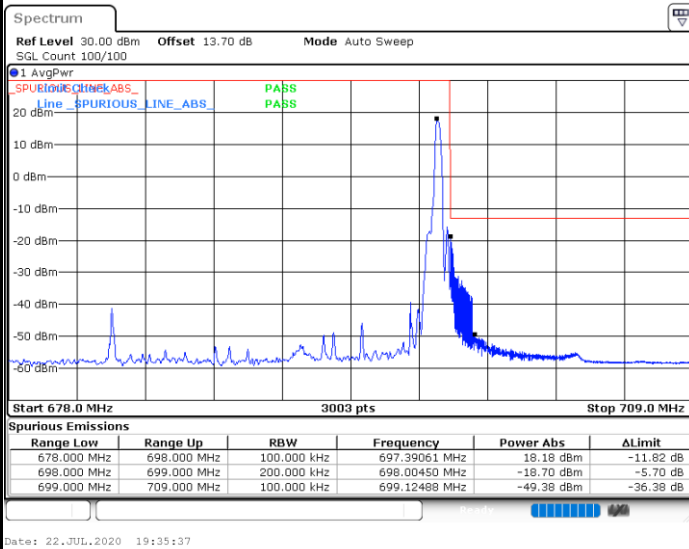




FR1 n71 / 20MHz / DFT-S OFDM QPSK

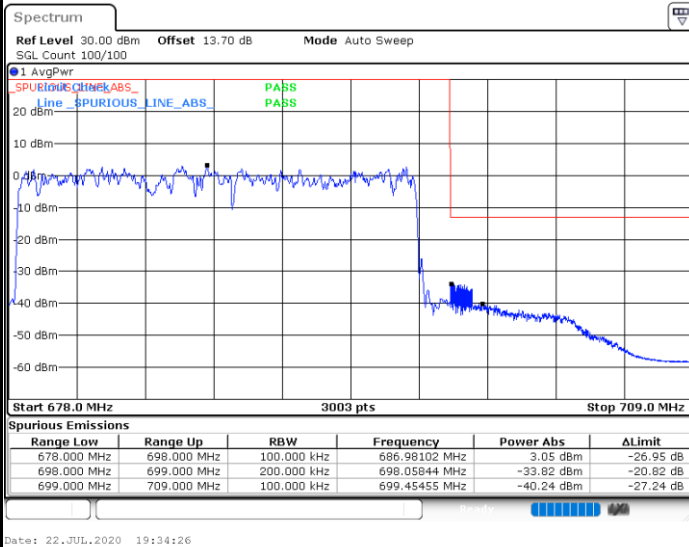
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass



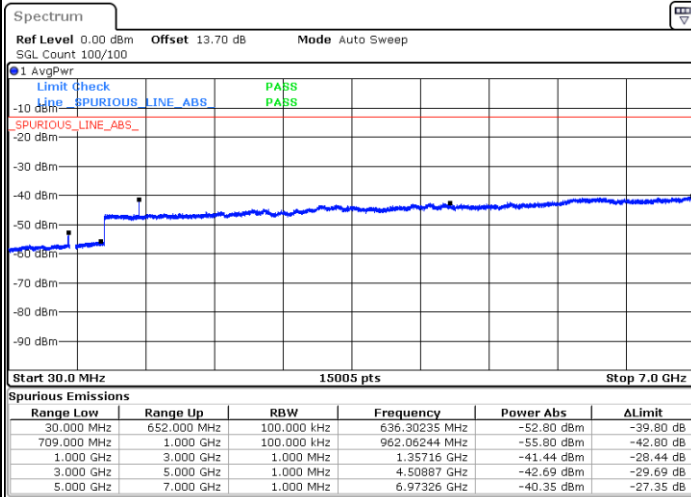


Conducted Spurious Emission

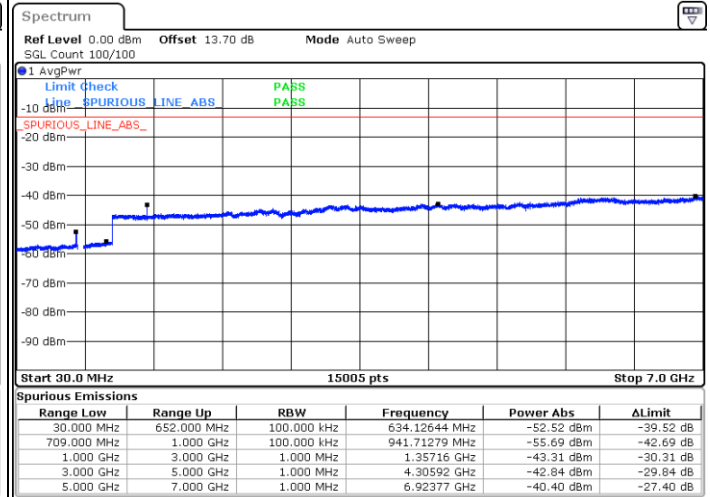
FR1 n71 / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

Middle Channel / 1RB

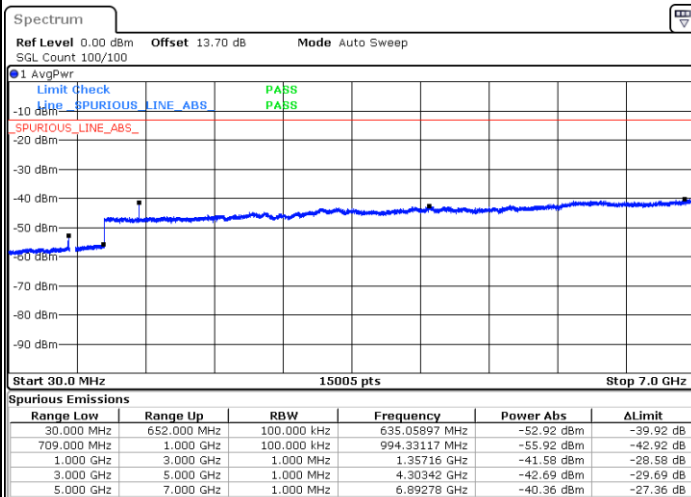


Date: 22.JUL.2020 18:18:27



Date: 22.JUL.2020 18:16:12

Highest Channel / 1RB

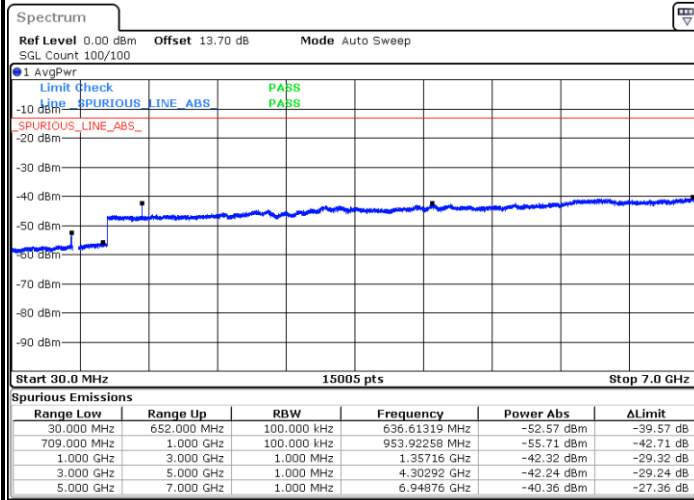


Date: 22.JUL.2020 18:19:15



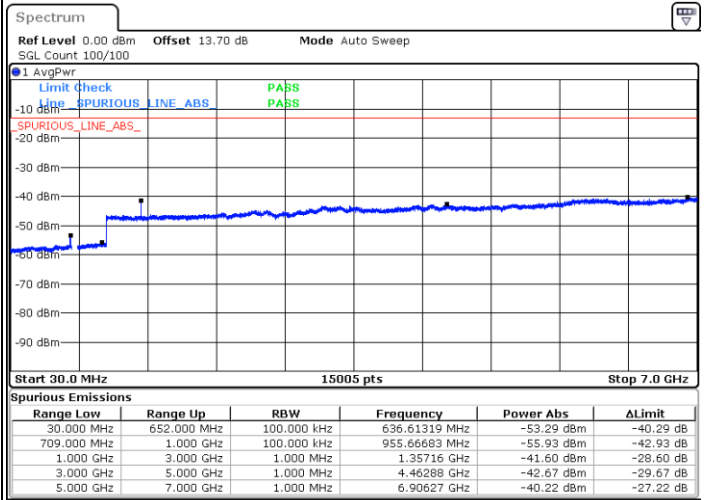
FR1 n71 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB



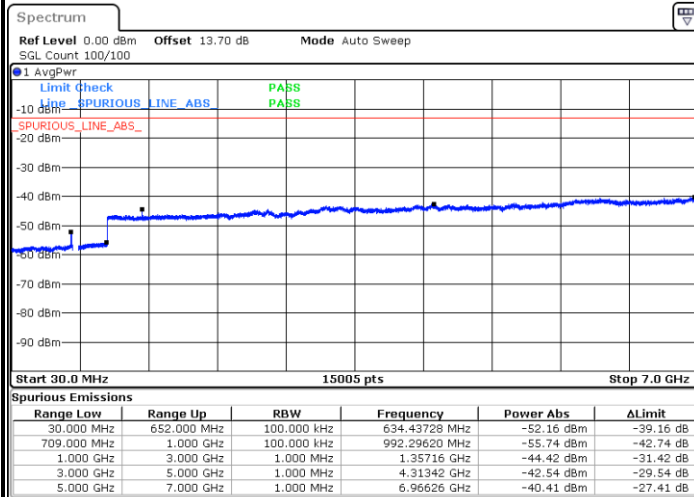
Date: 22.JUL.2020 18:17:43

Middle Channel / 1RB



Date: 22.JUL.2020 18:16:57

Highest Channel / 1RB

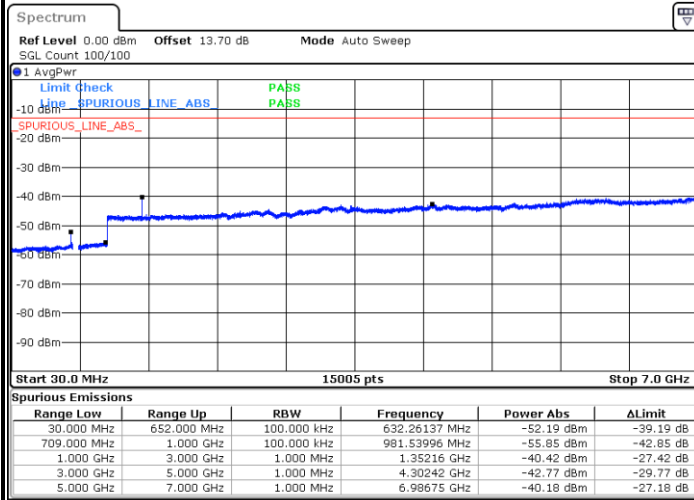


Date: 22.JUL.2020 18:20:00



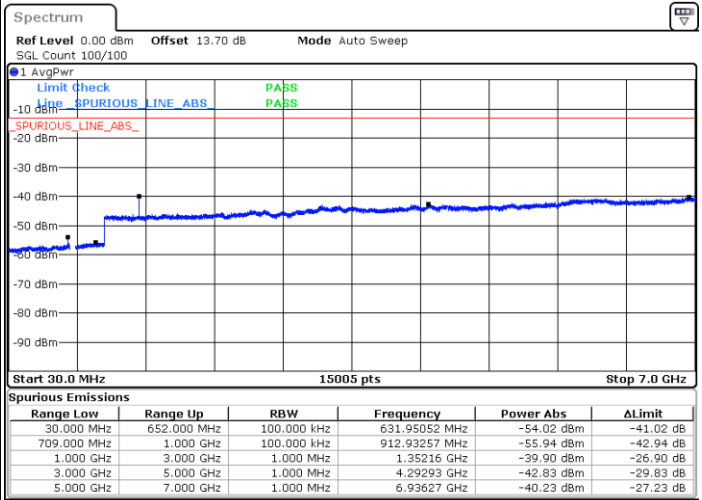
FR1 n71 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



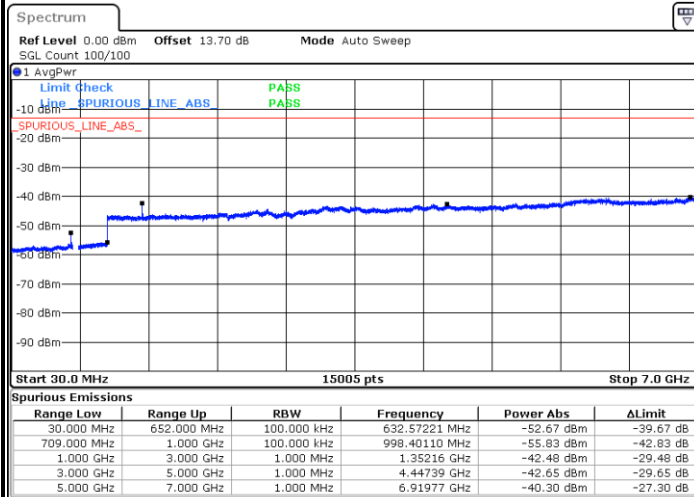
Date: 22.JUL.2020 17:05:07

Middle Channel / 1RB



Date: 22.JUL.2020 17:04:04

Highest Channel / 1RB

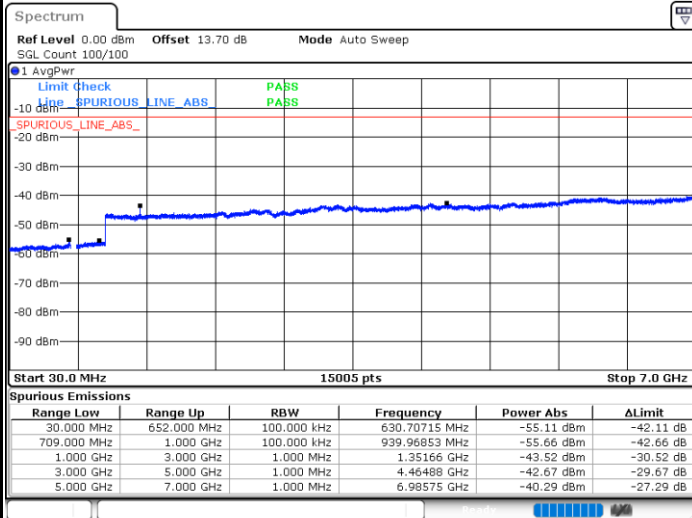


Date: 22.JUL.2020 17:07:10

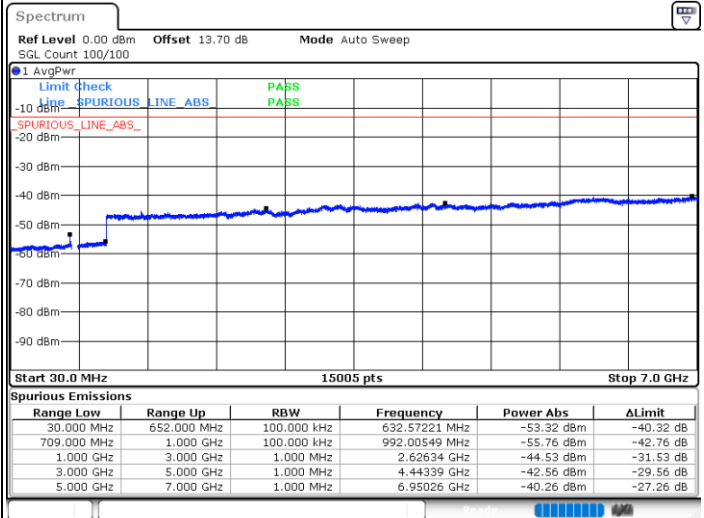


FR1 n71 / 10MHz / DFT-S OFDM / QPSK

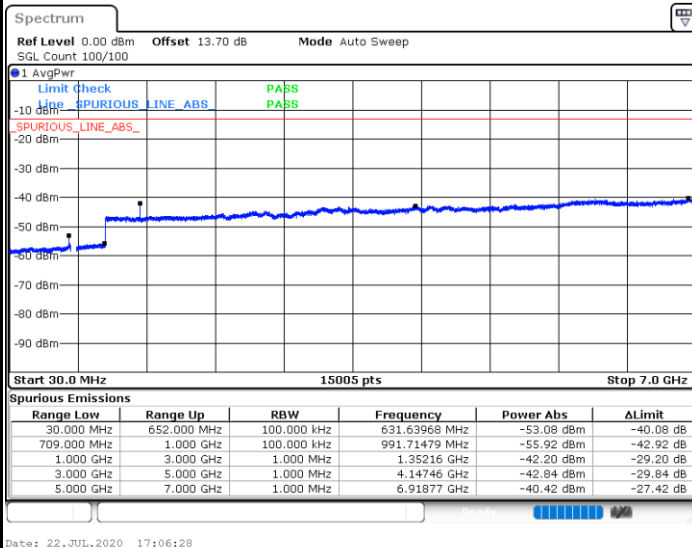
Lowest Channel / 1RB



Middle Channel / 1RB



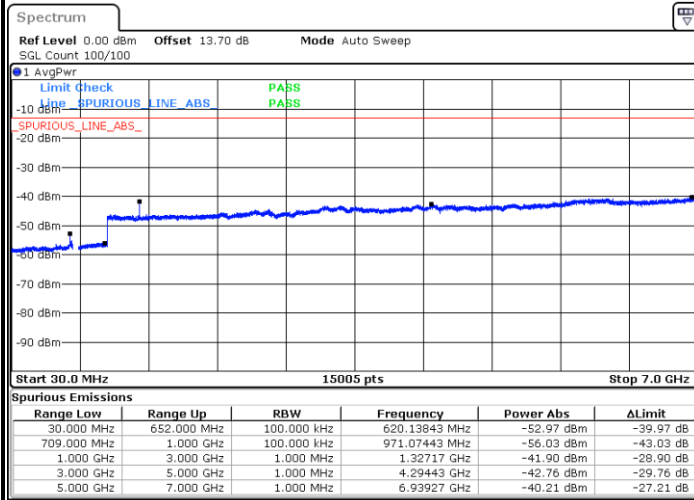
Highest Channel / 1RB





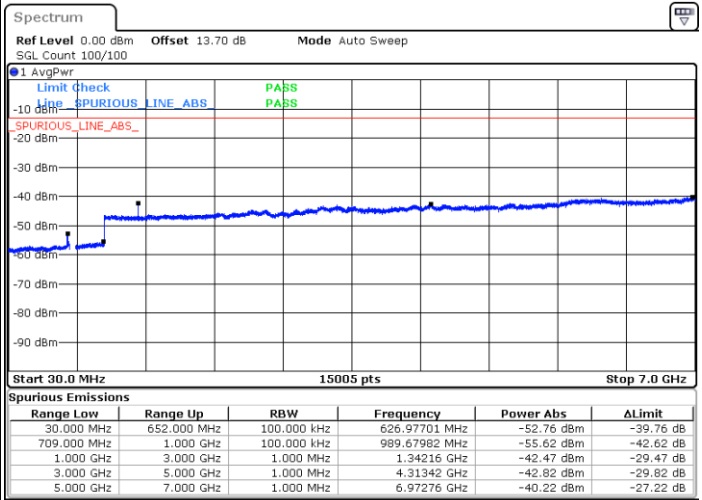
FR1 n71 / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



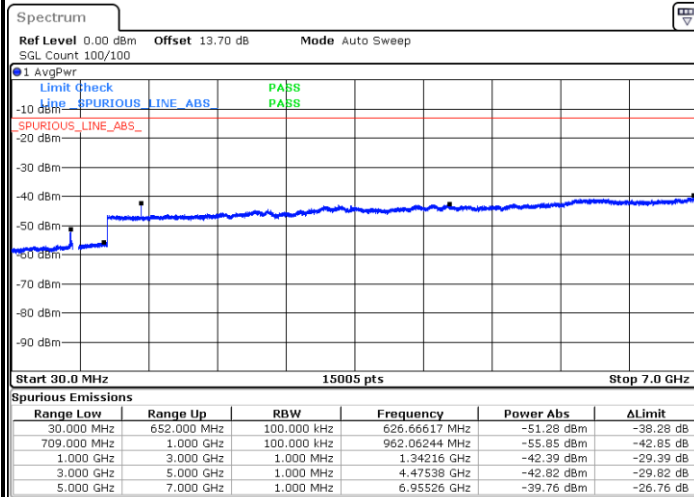
Date: 22.JUL.2020 19:08:46

Middle Channel / 1RB



Date: 22.JUL.2020 18:51:46

Highest Channel / 1RB

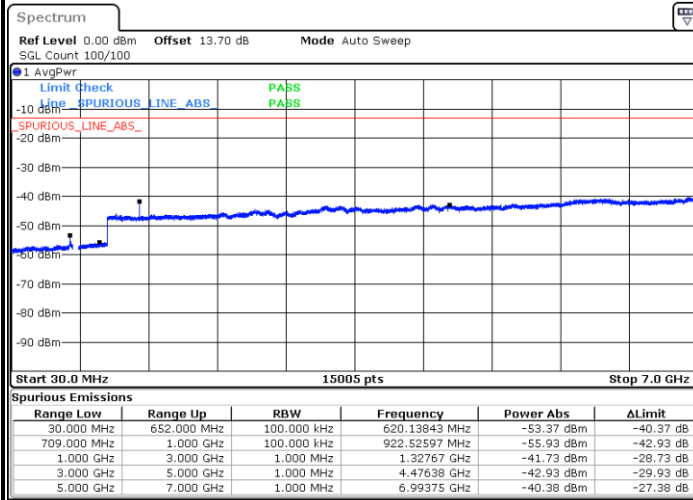


Date: 22.JUL.2020 18:52:45



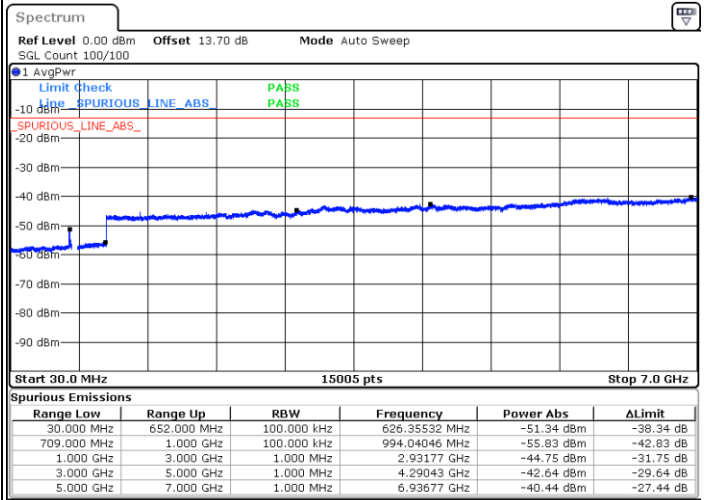
FR1 n71 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB



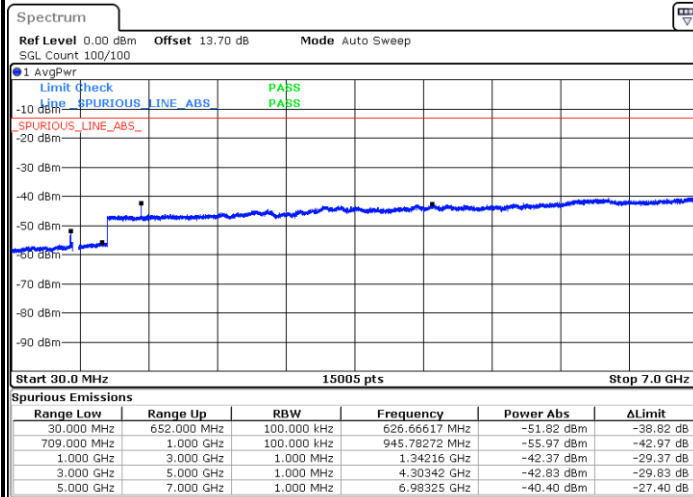
Date: 22.JUL.2020 19:08:01

Middle Channel / 1RB



Date: 22.JUL.2020 18:50:59

Highest Channel / 1RB



Date: 22.JUL.2020 18:54:06

**Frequency Stability**

Test Conditions		NR n71 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0018	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0016	



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission_NSA mode

Bottom Antenna

EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n2 Lowest	3701.50	-57.18	-13	-44.18	-79.78	-63.94	5.82	12.58	H
	5552.25	-57.03	-13	-44.03	-80.94	-62.75	7.28	13.00	H
	7403.00	-54.67	-13	-41.67	-81.01	-57.83	8.32	11.48	H
	3701.50	-55.20	-13	-42.20	-79.49	-61.96	5.82	12.58	V
	5552.25	-56.02	-13	-43.02	-80.36	-61.74	7.28	13.00	V
	7403.00	-54.82	-13	-41.82	-81.13	-57.98	8.32	11.48	V
LTE Band5 Lowest	1664.18	-64.16	-13	-51.16	-75.04	-69.54	3.98	9.36	H
	2496.27	-58.69	-13	-45.69	-77.16	-64.39	4.85	10.55	H
	3328.36	-58.15	-13	-45.15	-78.66	-65.23	5.50	12.58	H
	1664.18	-63.54	-13	-50.54	-75.09	-68.92	3.98	9.36	V
	2496.27	-58.39	-13	-45.39	-77.12	-64.09	4.85	10.55	V
	3328.36	-57.60	-13	-44.60	-78.61	-64.68	5.50	12.58	V
NR n2 Middle	3741.50	-57.56	-13	-44.56	-80.05	-64.31	5.85	12.60	H
	5612.25	-57.16	-13	-44.16	-80.94	-62.96	7.30	13.10	H
	7483.00	-55.16	-13	-42.16	-81.23	-58.31	8.35	11.50	H
	3741.50	-55.11	-13	-42.11	-79.61	-61.86	5.85	12.60	V
	5612.25	-56.07	-13	-43.07	-80.7	-61.87	7.30	13.10	V
	7483.00	-55.10	-13	-42.10	-81.15	-58.25	8.35	11.50	V
LTE Band5 Middle	1664.18	-64.18	-13	-51.18	-75.06	-69.58	4.00	9.40	H
	2496.27	-58.77	-13	-45.77	-77.24	-64.49	4.88	10.60	H
	3328.36	-57.89	-13	-44.89	-78.40	-64.97	5.52	12.60	H
	1664.18	-63.35	-13	-50.35	-74.9	-68.75	4.00	9.40	V
	2496.27	-58.28	-13	-45.28	-77.01	-64.00	4.88	10.60	V
	3328.36	-57.65	-13	-44.65	-78.66	-64.73	5.52	12.60	V
NR n2 Highest	3781.50	-57.65	-13	-44.65	-80.48	-64.39	5.88	12.62	H
	5672.25	-56.86	-13	-43.86	-80.68	-62.67	7.32	13.13	H
	7563.00	-55.39	-13	-42.39	-81.14	-58.55	8.38	11.54	H
	3781.50	-55.83	-13	-42.83	-80.15	-62.57	5.88	12.62	V
	5672.25	-56.75	-13	-43.75	-80.86	-62.56	7.32	13.13	V
	7563.00	-55.50	-13	-42.50	-81.24	-58.66	8.38	11.54	V
LTE Band5 Highest	1664.18	-63.74	-13	-50.74	-74.62	-69.06	4.10	9.42	H
	2496.27	-58.48	-13	-45.48	-76.95	-64.21	4.90	10.63	H
	3328.36	-58.19	-13	-45.19	-78.70	-65.26	5.55	12.62	H
	1664.18	-63.62	-13	-50.62	-75.17	-68.94	4.10	9.42	V
	2496.27	-58.60	-13	-45.60	-77.33	-64.33	4.90	10.63	V
	3328.36	-57.65	-13	-44.65	-78.66	-64.72	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 Lowest	1649.2	-64.36	-13	-51.36	-75.11	-67.59	3.98	9.36	H
	2473.8	-58.69	-13	-45.69	-77.03	-62.24	4.85	10.55	H
	3298.4	-57.94	-13	-44.94	-78.25	-62.87	5.50	12.58	H
	1649.2	-63.73	-13	-50.73	-75.12	-66.96	3.98	9.36	V
	2473.8	-58.63	-13	-45.63	-77.29	-62.18	4.85	10.55	V
	3298.4	-56.97	-13	-43.97	-78.17	-61.90	5.50	12.58	V
LTE Band66 Lowest	3472	-57.26	-13	-44.26	-78.80	-64.14	5.60	12.48	H
	5208	-57.47	-13	-44.47	-81.13	-63.15	7.10	12.78	H
	6944	-56.17	-13	-43.17	-81.35	-59.56	8.38	11.77	H
	3472	-56.83	-13	-43.83	-78.17	-63.71	5.60	12.48	V
	5208	-57.23	-13	-44.23	-81.06	-62.91	7.10	12.78	V
	6944	-55.28	-13	-42.28	-81.19	-58.67	8.38	11.77	V
NR n5 Middle	1664	-64.34	-13	-51.34	-75.22	-67.59	4.00	9.40	H
	2496	-58.43	-13	-45.43	-76.90	-62.00	4.88	10.60	H
	3328	-58.28	-13	-45.28	-78.79	-63.21	5.52	12.60	H
	1664	-63.49	-13	-50.49	-75.04	-66.74	4.00	9.40	V
	2496	-58.29	-13	-45.29	-77.02	-61.86	4.88	10.60	V
	3328	-57.14	-13	-44.14	-78.15	-62.07	5.52	12.60	V
LTE Band66 Middle	3472	-57.05	-13	-44.05	-78.59	-63.90	5.65	12.50	H
	5208	-57.37	-13	-44.37	-81.03	-63.04	7.13	12.80	H
	6944	-55.73	-13	-42.73	-80.91	-59.13	8.40	11.80	H
	3472	-56.36	-13	-43.36	-77.7	-63.21	5.65	12.50	V
	5208	-57.22	-13	-44.22	-81.05	-62.89	7.13	12.80	V
	6944	-55.36	-13	-42.36	-81.27	-58.76	8.40	11.80	V
NR n5 Highest	1671.2	-64.19	-13	-51.19	-75.07	-67.36	4.10	9.42	H
	2506.8	-58.62	-13	-45.62	-77.22	-62.20	4.90	10.63	H
	3342.4	-57.67	-13	-44.67	-78.28	-62.59	5.55	12.62	H
	1671.2	-63.25	-13	-50.25	-74.80	-66.42	4.10	9.42	V
	2506.8	-58.33	-13	-45.33	-77.14	-61.91	4.90	10.63	V
	3342.4	-57.24	-13	-44.24	-78.15	-62.16	5.55	12.62	V
LTE Band66 Highest	3472	-57.14	-13	-44.14	-74.80	-63.98	5.68	12.52	H
	5208	-57.58	-13	-44.58	-77.14	-63.25	7.15	12.82	H
	6944	-56.01	-13	-43.01	-78.15	-59.44	8.42	11.85	H
	3472	-56.35	-13	-43.35	-77.69	-63.19	5.68	12.52	V
	5208	-57.32	-13	-44.32	-81.15	-62.99	7.15	12.82	V
	6944	-54.94	-13	-41.94	-80.85	-58.37	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC_12A_n25A / LTE 10MHz + NR 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Lowest	3701.50	-56.91	-13	-43.91	-79.51	-63.67	5.82	12.58	H
	5552.25	-56.82	-13	-43.82	-80.73	-62.54	7.28	13.00	H
	7403.00	-54.32	-13	-41.32	-80.66	-57.48	8.32	11.48	H
	3701.50	-54.96	-13	-41.96	-79.25	-61.72	5.82	12.58	V
	5552.25	-56.51	-13	-43.51	-80.85	-62.23	7.28	13.00	V
	7403.00	-54.61	-13	-41.61	-80.92	-57.77	8.32	11.48	V
LTE Band12 Lowest	1406.00	-64.96	-13	-51.96	-74.88	-70.34	3.98	9.36	H
	2109.00	-59.72	-13	-46.72	-76.89	-65.42	4.85	10.55	H
	2812.00	-58.11	-13	-45.11	-76.71	-65.19	5.50	12.58	H
	1406.00	-64.05	-13	-51.05	-75.03	-69.43	3.98	9.36	V
	2109.00	-60.14	-13	-47.14	-77.1	-65.84	4.85	10.55	V
	2812.00	-57.36	-13	-44.36	-76.77	-64.44	5.50	12.58	V
NR n25 Middle	3746.50	-57.16	-13	-44.16	-79.10	-63.90	5.88	12.62	H
	5619.75	-56.51	-13	-43.51	-80.21	-62.32	7.32	13.13	H
	7493.00	-54.38	-13	-41.38	-80.38	-57.54	8.38	11.54	H
	3746.50	-54.72	-13	-41.72	-79.82	-61.46	5.88	12.62	V
	5619.75	-56.22	-13	-43.22	-80.42	-62.03	7.32	13.13	V
	7493.00	-54.46	-13	-41.46	-80.45	-57.62	8.38	11.54	V
LTE Band12 Middle	1406.00	-64.84	-13	-51.84	-74.76	-70.22	3.98	9.36	H
	2109.00	-59.96	-13	-46.96	-77.13	-65.66	4.85	10.55	H
	2812.00	-57.94	-13	-44.94	-76.54	-65.02	5.50	12.58	H
	1406.00	-64.17	-13	-51.17	-75.15	-69.55	3.98	9.36	V
	2109.00	-60.09	-13	-47.09	-77.05	-65.79	4.85	10.55	V
	2812.00	-57.24	-13	-44.24	-76.65	-64.32	5.50	12.58	V
NR n25 Highest	3791.36	-57.80	-13	-44.80	-80.63	-64.54	5.88	12.62	H
	5687.04	-56.89	-13	-43.89	-80.81	-62.70	7.32	13.13	H
	7582.72	-55.68	-13	-42.68	-81.36	-58.84	8.38	11.54	H
	3791.36	-56.07	-13	-43.07	-80.39	-62.81	5.88	12.62	V
	5687.04	-56.47	-13	-43.47	-80.74	-62.28	7.32	13.13	V
	7582.72	-55.58	-13	-42.58	-81.26	-58.74	8.38	11.54	V
LTE Band12 Highest	1406.00	-65.35	-13	-52.35	-75.27	-70.67	4.10	9.42	H
	2109.00	-60.61	-13	-47.61	-77.78	-66.34	4.90	10.63	H
	2812.00	-58.27	-13	-45.27	-76.87	-65.34	5.55	12.62	H
	1406.00	-64.37	-13	-51.37	-75.35	-69.69	4.10	9.42	V
	2109.00	-60.60	-13	-47.60	-77.56	-66.33	4.90	10.63	V
	2812.00	-57.72	-13	-44.72	-77.13	-64.79	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC_2A_n41A / LTE 15MHz + NR 100MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE Band2 Lowest	3742.18	-57.40	-13	-44.40	-79.89	-64.16	5.82	12.58	H
	5613.27	-57.22	-13	-44.22	-81.00	-62.94	7.28	13.00	H
	7492.20	-54.52	-13	-41.52	-80.52	-57.68	8.32	11.48	H
	3742.18	-54.67	-13	-41.67	-79.17	-61.43	5.82	12.58	V
	5613.27	-56.46	-13	-43.46	-81.09	-62.18	7.28	13.00	V
	7492.20	-55.25	-13	-42.25	-81.24	-58.41	8.32	11.48	V
NR n41 Lowest	4994.80	-59.11	-25	-34.11	-81.26	-64.67	7.12	12.68	H
	7484.36	-54.52	-25	-29.52	-80.59	-57.85	8.26	11.59	H
	9989.60	-53.66	-25	-28.66	-82.85	-55.19	10.45	11.98	H
	4994.80	-57.57	-25	-32.57	-81.4	-63.13	7.12	12.68	V
	7484.36	-55.25	-25	-30.25	-81.3	-58.58	8.26	11.59	V
	9989.60	-53.10	-25	-28.10	-82.87	-54.63	10.45	11.98	V
LTE Band2 Middle	3742.18	-57.40	-13	-44.40	-79.89	-64.15	5.85	12.60	H
	5613.27	-56.88	-13	-43.88	-80.66	-62.68	7.30	13.10	H
	7633.50	-55.25	-13	-42.25	-80.77	-58.40	8.35	11.50	H
	3742.18	-54.97	-13	-41.97	-79.47	-61.72	5.85	12.60	V
	5613.27	-56.40	-13	-43.40	-81.03	-62.20	7.30	13.10	V
	7632.00	-54.23	-13	-41.23	-80.43	-57.38	8.35	11.50	V
NR n41 Middle	5089.00	-57.84	-25	-32.84	-80.71	-63.40	7.14	12.70	H
	7484.36	-55.24	-25	-30.24	-81.31	-58.54	8.30	11.60	H
	10178.00	-53.02	-25	-28.02	-82.45	-54.54	10.48	12.00	H
	5089.00	-57.15	-25	-32.15	-81	-62.71	7.14	12.70	V
	7484.36	-55.13	-25	-30.13	-81.18	-58.43	8.30	11.60	V
	10178.00	-52.09	-25	-27.09	-82.74	-53.61	10.48	12.00	V
LTE Band2 Highest	3742.18	-57.00	-13	-44.00	-79.49	-63.74	5.88	12.62	H
	5613.27	-56.67	-13	-43.67	-80.45	-62.48	7.32	13.13	H
	7774.20	-55.09	-13	-42.09	-80.22	-58.25	8.38	11.54	H
	3742.18	-54.84	-13	-41.84	-79.34	-61.58	5.88	12.62	V
	5613.27	-55.87	-13	-42.87	-80.5	-61.68	7.32	13.13	V
	7774.20	-51.86	-13	-38.86	-80.42	-55.02	8.38	11.54	V
NR n41 Highest	5182.80	-56.98	-25	-31.98	-80.46	-62.54	7.16	12.72	H
	7484.36	-54.68	-25	-29.68	-80.75	-57.98	8.33	11.63	H
	10365.60	-53.16	-25	-28.16	-82.83	-54.76	10.50	12.10	H
	5182.80	-56.79	-25	-31.79	-80.66	-62.35	7.16	12.72	V
	7484.36	-54.78	-25	-29.78	-80.83	-58.08	8.33	11.63	V
	10365.60	-51.33	-25	-26.33	-82.86	-52.93	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n66 Lowest	3421.00	-57.88	-13	-44.88	-78.03	-64.76	5.60	12.48	H
	5131.50	-57.92	-13	-44.92	-81.04	-63.60	7.10	12.78	H
	6842.00	-55.74	-13	-42.74	-80.74	-59.13	8.38	11.77	H
	3421.00	-56.71	-13	-43.71	-78.06	-63.59	5.60	12.48	V
	5131.50	-57.37	-13	-44.37	-81.23	-63.05	7.10	12.78	V
	6842.00	-54.02	-13	-41.02	-80.85	-57.41	8.38	11.77	V
LTE Band 5 Lowest	1664.18	-62.50	-13	-49.50	-73.38	-67.88	3.98	9.36	H
	2496.27	-58.53	-13	-45.53	-77.00	-64.23	4.85	10.55	H
	3328.36	-57.67	-13	-44.67	-78.18	-64.75	5.50	12.58	H
	1664.18	-60.68	-13	-47.68	-72.23	-66.06	3.98	9.36	V
	2496.27	-58.46	-13	-45.46	-77.19	-64.16	4.85	10.55	V
	3328.36	-57.50	-13	-44.50	-78.51	-64.58	5.50	12.58	V
NR n66 Middle	3486.50	-57.10	-13	-44.10	-78.43	-63.95	5.65	12.50	H
	5229.75	-57.63	-13	-44.63	-81.35	-63.30	7.13	12.80	H
	6973.00	-55.82	-13	-42.82	-81.02	-59.22	8.40	11.80	H
	3486.50	-56.15	-13	-43.15	-78.15	-63.00	5.65	12.50	V
	5229.75	-57.56	-13	-44.56	-81.35	-63.23	7.13	12.80	V
	6973.00	-55.54	-13	-42.54	-81.29	-58.94	8.40	11.80	V
LTE Band 5 Middle	1664.18	-64.14	-13	-51.14	-75.02	-69.54	4.00	9.40	H
	2496.27	-58.64	-13	-45.64	-77.11	-64.36	4.88	10.60	H
	3328.36	-57.82	-13	-44.82	-78.33	-64.90	5.52	12.60	H
	1664.18	-63.54	-13	-50.54	-75.09	-68.94	4.00	9.40	V
	2496.27	-58.27	-13	-45.27	-77	-63.99	4.88	10.60	V
	3328.36	-57.52	-13	-44.52	-78.53	-64.60	5.52	12.60	V
NR n66 Highest	3521.00	-56.15	-13	-43.15	-78.08	-62.99	5.68	12.52	H
	5281.50	-57.08	-13	-44.08	-80.98	-62.75	7.15	12.82	H
	7042.00	-55.51	-13	-42.51	-80.90	-58.94	8.42	11.85	H
	3521.00	-55.89	-13	-42.89	-78.22	-62.73	5.68	12.52	V
	5281.50	-57.32	-13	-44.32	-81.01	-62.99	7.15	12.82	V
	7042.00	-54.70	-13	-41.70	-80.6	-58.13	8.42	11.85	V
LTE Band 5 Highest	1664.18	-64.03	-13	-51.03	-74.91	-69.35	4.10	9.42	H
	2496.27	-58.51	-13	-45.51	-76.98	-64.24	4.90	10.63	H
	3328.36	-57.77	-13	-44.77	-78.28	-64.84	5.55	12.62	H
	1664.18	-63.50	-13	-50.50	-75.05	-68.82	4.10	9.42	V
	2496.27	-58.33	-13	-45.33	-77.06	-64.06	4.90	10.63	V
	3328.36	-57.69	-13	-44.69	-78.7	-64.76	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC_66A_n71A / LTE 20MHz + NR 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n71 Lowest	1327.00	-65.00	-13	-52.00	-74.79	-70.38	3.98	9.36	H
	1990.50	-60.08	-13	-47.08	-76.46	-65.78	4.85	10.55	H
	2654.00	-58.64	-13	-45.64	-77.47	-65.72	5.50	12.58	H
	1327.00	-64.17	-13	-51.17	-74.89	-69.55	3.98	9.36	V
	1990.50	-60.53	-13	-47.53	-76.86	-66.23	4.85	10.55	V
	2654.00	-58.14	-13	-45.14	-77.35	-65.22	5.50	12.58	V
LTE Band66 Lowest	3472.00	-57.60	-13	-44.60	-79.14	-64.38	5.74	12.52	H
	5208.00	-57.64	-13	-44.64	-81.30	-63.55	7.10	13.01	H
	6944.00	-56.24	-13	-43.24	-81.42	-59.23	8.24	11.23	H
	3472.00	-56.97	-13	-43.97	-78.31	-63.75	5.74	12.52	V
	5208.00	-57.32	-13	-44.32	-81.15	-63.23	7.10	13.01	V
	6944.00	-54.97	-13	-41.97	-80.88	-57.96	8.24	11.23	V
NR n71 Middle	1342.00	-65.60	-13	-52.60	-75.38	-71.00	4.00	9.40	H
	2013.00	-60.29	-13	-47.29	-77.01	-66.01	4.88	10.60	H
	2684.00	-58.09	-13	-45.09	-76.86	-65.17	5.52	12.60	H
	1342.00	-64.46	-13	-51.46	-75.19	-69.86	4.00	9.40	V
	2013.00	-60.50	-13	-47.50	-77.11	-66.22	4.88	10.60	V
	2684.00	-58.22	-13	-45.22	-77.45	-65.30	5.52	12.60	V
LTE Band66 Middle	3472.00	-57.47	-13	-44.47	-79.01	-64.21	5.88	12.62	H
	5208.00	-57.31	-13	-44.31	-80.97	-63.12	7.32	13.13	H
	6944.00	-56.17	-13	-43.17	-81.35	-59.33	8.38	11.54	H
	3472.00	-56.92	-13	-43.92	-78.26	-63.66	5.88	12.62	V
	5208.00	-57.42	-13	-44.42	-81.25	-63.23	7.32	13.13	V
	6944.00	-55.51	-13	-42.51	-81.42	-58.67	8.38	11.54	V
NR n71 Highest	1357.00	-65.29	-13	-52.29	-75.12	-70.61	4.10	9.42	H
	2035.50	-60.28	-13	-47.28	-77.09	-66.01	4.90	10.63	H
	2714.00	-58.46	-13	-45.46	-77.16	-65.53	5.55	12.62	H
	1357.00	-64.15	-13	-51.15	-74.96	-69.47	4.10	9.42	V
	2035.50	-60.64	-13	-47.64	-77.32	-66.37	4.90	10.63	V
	2714.00	-58.00	-13	-45.00	-77.25	-65.07	5.55	12.62	V
LTE Band66 Highest	3472.00	-57.06	-13	-44.06	-78.60	-63.87	5.92	12.73	H
	5208.00	-56.86	-13	-43.86	-80.52	-62.31	7.84	13.29	H
	6944.00	-55.56	-13	-42.56	-80.74	-58.81	8.38	11.63	H
	3472.00	-56.51	-13	-43.51	-77.85	-63.32	5.92	12.73	V
	5208.00	-56.67	-13	-43.67	-80.5	-62.12	7.84	13.29	V
	6944.00	-55.09	-13	-42.09	-81	-58.34	8.38	11.63	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**Radiated Spurious Emission_IM3 mode****Bottom Antenna**

EN-DC_5A_n2A (DFTs-OFDM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B5 BW 10M Mid CH 1RB49 QPSK	1681.80	-64.50	-13	-51.50	-75.50	-69.88	3.98	9.36	H
	2522.70	-59.09	-13	-46.09	-77.76	-64.79	4.85	10.55	H
	3363.60	-59.05	-13	-46.05	-79.24	-66.13	5.50	12.58	H
	1681.80	-63.80	-13	-50.80	-75.51	-69.18	3.98	9.36	V
	2522.70	-58.91	-13	-45.91	-77.79	-64.61	4.85	10.55	V
	3363.60	-57.90	-13	-44.90	-78.74	-64.98	5.50	12.58	V
NR n2 BW 20 Mid CH 1RB104 ,PI/2 BPSK	3778.60	-57.34	-13	-44.34	-79.73	-64.08	5.88	12.62	H
	5667.90	-57.03	-13	-44.03	-80.85	-62.84	7.32	13.13	H
	7557.20	-55.34	-13	-42.34	-81.09	-58.50	8.38	11.54	H
	3778.60	-55.71	-13	-42.71	-80.42	-62.45	5.88	12.62	V
	5667.90	-56.82	-13	-43.82	-80.93	-62.63	7.32	13.13	V
	7557.20	-55.20	-13	-42.20	-80.94	-58.36	8.38	11.54	V

EN-DC_66A_n5A (DFTs-OFDM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B66 BW 20M Mid CH 1RB99 QPSK	3472	-57.58	-13	-44.58	-79.12	-64.43	5.65	12.50	H
	5208	-56.91	-13	-43.91	-80.57	-62.58	7.13	12.80	H
	6944	-56.09	-13	-43.09	-81.27	-59.49	8.40	11.80	H
	3472	-56.85	-13	-43.85	-78.19	-63.70	5.65	12.50	V
	5208	-57.30	-13	-44.30	-81.13	-62.97	7.13	12.80	V
	6944	-55.35	-13	-42.35	-81.26	-58.75	8.40	11.80	V
N5a BW 10M Mid CH 1RB50 ,PI/2 BPSK	1673	-63.51	-13	-50.51	-74.45	-66.76	4.00	9.40	H
	2509.5	-58.74	-13	-45.74	-77.34	-62.31	4.88	10.60	H
	3346	-58.23	-13	-45.23	-78.84	-63.16	5.52	12.60	H
	1673	-63.16	-13	-50.16	-74.81	-66.41	4.00	9.40	V
	2509.5	-58.56	-13	-45.56	-77.37	-62.13	4.88	10.60	V
	3346	-57.50	-13	-44.50	-78.41	-62.43	5.52	12.60	V



EN-DC_12A_n25A (DFTs-OFDM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B12 BW 10M Mid CH 1RB0 QPSK	1406.00	-64.84	-13	-51.84	-74.76	-70.22	3.98	9.36	H
	2109.00	-59.96	-13	-46.96	-77.13	-65.66	4.85	10.55	H
	2812.00	-57.94	-13	-44.94	-76.54	-65.02	5.50	12.58	H
	1406.00	-64.17	-13	-51.17	-75.15	-69.55	3.98	9.36	V
	2109.00	-60.09	-13	-47.09	-77.05	-65.79	4.85	10.55	V
	2812.00	-57.24	-13	-44.24	-76.65	-64.32	5.50	12.58	V
N25a BW 20M Mid CH 1RB1,QPSK	3746.50	-57.16	-13	-44.16	-79.10	-63.90	5.88	12.62	H
	5619.75	-56.51	-13	-43.51	-80.21	-62.32	7.32	13.13	H
	7493.00	-54.38	-13	-41.38	-80.38	-57.54	8.38	11.54	H
	3746.50	-54.72	-13	-41.72	-79.82	-61.46	5.88	12.62	V
	5619.75	-56.22	-13	-43.22	-80.42	-62.03	7.32	13.13	V
	7493.00	-54.46	-13	-41.46	-80.45	-57.62	8.38	11.54	V

EN-DC_2A_n41A (DFTs-OFDM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B5 BW 10M Mid CH 1RB0 QPSK	3742.18	-57.40	-13	-44.40	-79.89	-64.15	5.85	12.60	H
	5613.27	-56.88	-13	-43.88	-80.66	-62.68	7.30	13.10	H
	7633.50	-55.25	-13	-42.25	-80.77	-58.40	8.35	11.50	H
	3742.18	-54.97	-13	-41.97	-79.47	-61.72	5.85	12.60	V
	5613.27	-56.40	-13	-43.40	-81.03	-62.20	7.30	13.10	V
	7632.00	-54.23	-13	-41.23	-80.43	-57.38	8.35	11.50	V
N41a BW 20M Mid CH 1RB1 ,PI/2 BPSK	5089.00	-57.84	-25	-32.84	-80.71	-63.40	7.14	12.70	H
	7484.36	-55.24	-25	-30.24	-81.31	-58.54	8.30	11.60	H
	10178.00	-53.02	-25	-28.02	-82.45	-54.54	10.48	12.00	H
	5089.00	-57.15	-25	-32.15	-81	-62.71	7.14	12.70	V
	7484.36	-55.13	-25	-30.13	-81.18	-58.43	8.30	11.60	V
	10178.00	-52.09	-25	-27.09	-82.74	-53.61	10.48	12.00	V



EN-DC_5A_n66A (DFTs-OFDM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B5 BW 10M Mid CH 1RB0 QPSK	1664.18	-64.14	-13	-51.14	-75.02	-69.52	3.98	9.36	H
	2496.27	-58.64	-13	-45.64	-77.11	-64.34	4.85	10.55	H
	3328.36	-57.82	-13	-44.82	-78.33	-64.90	5.50	12.58	H
	1664.18	-63.54	-13	-50.54	-75.09	-68.92	3.98	9.36	V
	2496.27	-58.27	-13	-45.27	-77	-63.97	4.85	10.55	V
	3328.36	-57.52	-13	-44.52	-78.53	-64.60	5.50	12.58	V
N66a BW 20M Mid CH 1RB1 ,PI/2 BPSK	3486.50	-57.10	-13	-44.10	-78.43	-63.94	5.68	12.52	H
	5229.75	-57.63	-13	-44.63	-81.35	-63.30	7.15	12.82	H
	6973.00	-55.82	-13	-42.82	-81.02	-59.25	8.42	11.85	H
	3486.50	-56.15	-13	-43.15	-78.15	-62.99	5.68	12.52	V
	5229.75	-57.56	-13	-44.56	-81.35	-63.23	7.15	12.82	V
	6973.00	-55.54	-13	-42.54	-81.29	-58.97	8.42	11.85	V

EN-DC_66A_n71A (DFTs-OFDM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B66 BW 20M Mid CH 1RB0 QPSK	3472.00	-57.47	-13	-44.47	-79.01	-64.21	5.88	12.62	H
	5208.00	-57.31	-13	-44.31	-80.97	-63.12	7.32	13.13	H
	6944.00	-56.17	-13	-43.17	-81.35	-59.33	8.38	11.54	H
	3472.00	-56.92	-13	-43.92	-78.26	-63.66	5.88	12.62	V
	5208.00	-57.42	-13	-44.42	-81.25	-63.23	7.32	13.13	V
	6944.00	-55.51	-13	-42.51	-81.42	-58.67	8.38	11.54	V
N71a BW 20M Mid CH 1RB1 ,PI/2 BPSK	1342.00	-65.60	-13	-52.60	-75.38	-71.00	4.00	9.40	H
	2013.00	-60.29	-13	-47.29	-77.01	-66.01	4.88	10.60	H
	2684.00	-58.09	-13	-45.09	-76.86	-65.17	5.52	12.60	H
	1342.00	-64.46	-13	-51.46	-75.19	-69.86	4.00	9.40	V
	2013.00	-60.50	-13	-47.50	-77.11	-66.22	4.88	10.60	V
	2684.00	-58.22	-13	-45.22	-77.45	-65.30	5.52	12.60	V

**Radiated Spurious Emission_SA mode****Bottom Antenna**

5G NR n2 / NR 5MHz / PI/2 BPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.00	-56.68	-13	-43.68	-79.28	-63.44	5.82	12.58	H
	5551.50	-56.22	-13	-43.22	-80.13	-61.94	7.28	13.00	H
	7402.00	-54.63	-13	-41.63	-80.97	-57.79	8.32	11.48	H
	3701.00	-54.55	-13	-41.55	-78.84	-61.31	5.82	12.58	V
	5551.50	-53.81	-13	-40.81	-78.15	-59.53	7.28	13.00	V
	7402.00	-54.36	-13	-41.36	-80.67	-57.52	8.32	11.48	V
Middle	3755.95	-57.56	-13	-44.56	-79.50	-64.31	5.85	12.60	H
	5633.93	-57.15	-13	-44.15	-80.77	-62.95	7.30	13.10	H
	7511.90	-55.37	-13	-42.37	-81.31	-58.52	8.35	11.50	H
	3755.95	-55.17	-13	-42.17	-80.27	-61.92	5.85	12.60	V
	5633.93	-56.56	-13	-43.56	-80.33	-62.36	7.30	13.10	V
	7511.90	-55.05	-13	-42.05	-80.98	-58.20	8.35	11.50	V
Highest	3811.00	-57.76	-13	-44.76	-80.04	-64.50	5.88	12.62	H
	5716.50	-56.87	-13	-43.87	-80.89	-62.68	7.32	13.13	H
	7622.00	-55.70	-13	-42.70	-81.22	-58.86	8.38	11.54	H
	3811.00	-56.10	-13	-43.10	-80.02	-62.84	5.88	12.62	V
	5716.50	-54.24	-13	-41.24	-78.68	-60.05	7.32	13.13	V
	7622.00	-54.49	-13	-41.49	-80.69	-57.65	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



5G NR n25 / NR 20MHz / PI/2 BPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.50	-56.74	-13	-43.74	-79.34	-63.50	5.82	12.58	H
	5552.25	-56.28	-13	-43.28	-80.19	-62.00	7.28	13.00	H
	7403.00	-54.41	-13	-41.41	-80.75	-57.57	8.32	11.48	H
	3701.50	-54.66	-13	-41.66	-78.95	-61.42	5.82	12.58	V
	5552.25	-55.50	-13	-42.50	-79.84	-61.22	7.28	13.00	V
	7403.00	-54.61	-13	-41.61	-80.92	-57.77	8.32	11.48	V
Middle	3746.50	-58.04	-13	-45.04	-79.98	-64.78	5.88	12.62	H
	5619.75	-57.45	-13	-44.45	-81.15	-63.26	7.32	13.13	H
	7493.00	-55.11	-13	-42.11	-81.11	-58.27	8.38	11.54	H
	3746.50	-55.02	-13	-42.02	-80.12	-61.76	5.88	12.62	V
	5619.75	-56.79	-13	-43.79	-80.99	-62.60	7.32	13.13	V
	7493.00	-55.22	-13	-42.22	-81.21	-58.38	8.38	11.54	V
Highest	3791.36	-57.05	-13	-44.05	-79.88	-63.79	5.88	12.62	H
	5687.04	-56.69	-13	-43.69	-80.61	-62.50	7.32	13.13	H
	7582.72	-55.12	-13	-42.12	-80.80	-58.28	8.38	11.54	H
	3791.36	-56.17	-13	-43.17	-80.49	-62.91	5.88	12.62	V
	5687.04	-56.43	-13	-43.43	-80.7	-62.24	7.32	13.13	V
	7582.72	-55.36	-13	-42.36	-81.04	-58.52	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



5G NR n41 / NR 20MHz / QPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994.00	-59.46	-25	-34.46	-81.61	-65.02	7.12	12.68	H
	7491.00	-55.09	-25	-30.09	-81.09	-58.42	8.26	11.59	H
	9988.00	-53.43	-25	-28.43	-82.60	-54.96	10.45	11.98	H
	4994.00	-57.71	-25	-32.71	-81.54	-63.27	7.12	12.68	V
	7491.00	-55.27	-25	-30.27	-81.26	-58.60	8.26	11.59	V
	9988.00	-53.15	-25	-28.15	-82.9	-54.68	10.45	11.98	V
Middle	5168.00	-57.58	-25	-32.58	-80.94	-63.14	7.14	12.70	H
	7752.00	-55.59	-25	-30.59	-80.77	-58.89	8.30	11.60	H
	10336.00	-52.88	-25	-27.88	-82.51	-54.40	10.48	12.00	H
	5168.00	-57.01	-25	-32.01	-80.87	-62.57	7.14	12.70	V
	7752.00	-52.40	-25	-27.40	-80.67	-55.70	8.30	11.60	V
	10336.00	-51.44	-25	-26.44	-82.82	-52.96	10.48	12.00	V
Highest	5342.00	-57.34	-25	-32.34	-81.42	-62.90	7.16	12.72	H
	8013.00	-55.64	-25	-30.64	-81.52	-58.94	8.33	11.63	H
	10684.00	-52.52	-25	-27.52	-83.18	-54.12	10.50	12.10	H
	5342.00	-57.78	-25	-32.78	-81.38	-63.34	7.16	12.72	V
	8013.00	-53.62	-25	-28.62	-81.79	-56.92	8.33	11.63	V
	10684.00	-49.85	-25	-24.85	-83	-51.45	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



5G NR n66 / NR 20MHz / PI/2 BPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3428.00	-57.44	-13	-44.44	-78.38	-64.32	5.60	12.48	H
	5142.00	-57.64	-13	-44.64	-80.88	-63.32	7.10	12.78	H
	6856.00	-55.83	-13	-42.83	-80.81	-59.22	8.38	11.77	H
	3428.00	-56.43	-13	-43.43	-78.44	-63.31	5.60	12.48	V
	5142.00	-57.20	-13	-44.20	-81.06	-62.88	7.10	12.78	V
	6856.00	-54.03	-13	-41.03	-80.84	-57.42	8.38	11.77	V
Middle	3486.50	-57.33	-13	-44.33	-78.66	-64.18	5.65	12.50	H
	5229.75	-57.65	-13	-44.65	-81.37	-63.32	7.13	12.80	H
	6973.00	-56.04	-13	-43.04	-81.24	-59.44	8.40	11.80	H
	3486.50	-56.66	-13	-43.66	-78.66	-63.51	5.65	12.50	V
	5229.75	-57.51	-13	-44.51	-81.3	-63.18	7.13	12.80	V
	6973.00	-55.73	-13	-42.73	-81.48	-59.13	8.40	11.80	V
Highest	3521.00	-56.33	-13	-43.33	-78.26	-63.17	5.68	12.52	H
	5281.50	-56.86	-13	-43.86	-80.76	-62.53	7.15	12.82	H
	7042.00	-55.30	-13	-42.30	-80.69	-58.73	8.42	11.85	H
	3521.00	-55.58	-13	-42.58	-77.91	-62.42	5.68	12.52	V
	5281.50	-57.48	-13	-44.48	-81.17	-63.15	7.15	12.82	V
	7042.00	-54.98	-13	-41.98	-80.88	-58.41	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



5G NR n71 / NR 10MHz / PI/2 BPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1327.20	-64.48	-13	-51.48	-74.27	-69.86	3.98	9.36	H
	1990.80	-59.84	-13	-46.84	-76.22	-65.54	4.85	10.55	H
	2654.40	-57.93	-13	-44.93	-76.76	-65.01	5.50	12.58	H
	1327.20	-63.86	-13	-50.86	-74.58	-69.24	3.98	9.36	V
	1990.80	-59.98	-13	-46.98	-76.31	-65.68	4.85	10.55	V
	2654.40	-57.51	-13	-44.51	-76.72	-64.59	5.50	12.58	V
Middle	1352.15	-65.03	-13	-52.03	-74.86	-70.43	4.00	9.40	H
	2028.23	-60.37	-13	-47.37	-77.09	-66.09	4.88	10.60	H
	2704.30	-58.41	-13	-45.41	-77.15	-65.49	5.52	12.60	H
	1352.15	-64.24	-13	-51.24	-75.05	-69.64	4.00	9.40	V
	2028.23	-60.41	-13	-47.41	-77.02	-66.13	4.88	10.60	V
	2704.30	-57.72	-13	-44.72	-76.96	-64.80	5.52	12.60	V
Highest	1377.20	-64.97	-13	-51.97	-74.85	-70.29	4.10	9.42	H
	2065.80	-59.73	-13	-46.73	-76.72	-65.46	4.90	10.63	H
	2754.40	-57.80	-13	-44.80	-76.44	-64.87	5.55	12.62	H
	1377.20	-63.60	-13	-50.60	-74.49	-68.92	4.10	9.42	V
	2065.80	-60.48	-13	-47.48	-77.3	-66.21	4.90	10.63	V
	2754.40	-57.29	-13	-44.29	-76.56	-64.36	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.