

Appendix - LTE Band 66

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.38	0.18	23.56	<=30	Pass
			2	23.19	0.18	23.37	<=30	Pass
			5	23.33	0.18	23.51	<=30	Pass
		3	0	23.42	0.18	23.60	<=30	Pass
			2	23.36	0.18	23.54	<=30	Pass
			3	23.43	0.18	23.61	<=30	Pass
		6	0	22.37	0.18	22.55	<=30	Pass
	1745	1	0	23.21	0.18	23.39	<=30	Pass
			2	23.21	0.18	23.39	<=30	Pass
			5	23.25	0.18	23.43	<=30	Pass
		3	0	23.20	0.18	23.38	<=30	Pass
			2	23.24	0.18	23.42	<=30	Pass
			3	23.37	0.18	23.55	<=30	Pass
		6	0	22.19	0.18	22.37	<=30	Pass
	1779.3	1	0	23.20	0.18	23.38	<=30	Pass
			2	23.33	0.18	23.51	<=30	Pass
			5	23.31	0.18	23.49	<=30	Pass
		3	0	23.39	0.18	23.57	<=30	Pass
			2	23.37	0.18	23.55	<=30	Pass
			3	23.45	0.18	23.63	<=30	Pass
		6	0	22.28	0.18	22.46	<=30	Pass
16QAM	1710.7	1	0	22.54	0.18	22.72	<=30	Pass
			2	22.53	0.18	22.71	<=30	Pass
			5	22.57	0.18	22.75	<=30	Pass
		3	0	22.54	0.18	22.72	<=30	Pass
			2	22.59	0.18	22.77	<=30	Pass
			3	22.52	0.18	22.70	<=30	Pass
		6	0	21.52	0.18	21.70	<=30	Pass
	1745	1	0	22.66	0.18	22.84	<=30	Pass
			2	22.56	0.18	22.74	<=30	Pass
			5	22.59	0.18	22.77	<=30	Pass
		3	0	22.05	0.18	22.23	<=30	Pass
			2	22.13	0.18	22.31	<=30	Pass
			3	22.08	0.18	22.26	<=30	Pass
		6	0	21.46	0.18	21.64	<=30	Pass
	1779.3	1	0	22.90	0.18	23.08	<=30	Pass
			2	22.38	0.18	22.56	<=30	Pass
			5	22.44	0.18	22.62	<=30	Pass
		3	0	22.28	0.18	22.46	<=30	Pass
			2	22.32	0.18	22.50	<=30	Pass
			3	22.29	0.18	22.47	<=30	Pass
		6	0	21.38	0.18	21.56	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1711.5	1	0	22.78	0.18	22.96	<=30	Pass	
			7	22.88	0.18	23.06	<=30	Pass	
			14	22.93	0.18	23.11	<=30	Pass	
		8	0	21.95	0.18	22.13	<=30	Pass	
			4	21.95	0.18	22.13	<=30	Pass	
			7	21.91	0.18	22.09	<=30	Pass	
		15	0	22.04	0.18	22.22	<=30	Pass	
		1745	1	0	23.30	0.18	23.48	<=30	Pass
				7	23.27	0.18	23.45	<=30	Pass
	14			23.27	0.18	23.45	<=30	Pass	
	8		0	22.00	0.18	22.18	<=30	Pass	
			4	22.05	0.18	22.23	<=30	Pass	
	7		21.98	0.18	22.16	<=30	Pass		
	15	0	22.05	0.18	22.23	<=30	Pass		
	1778.5	1	0	23.05	0.18	23.23	<=30	Pass	
			7	23.00	0.18	23.18	<=30	Pass	
			14	23.11	0.18	23.29	<=30	Pass	
		8	0	22.09	0.18	22.27	<=30	Pass	
			4	22.20	0.18	22.38	<=30	Pass	
			7	22.13	0.18	22.31	<=30	Pass	
		15	0	22.15	0.18	22.33	<=30	Pass	
16QAM		1711.5	1	0	22.19	0.18	22.37	<=30	Pass
				7	22.26	0.18	22.44	<=30	Pass
	14			22.24	0.18	22.42	<=30	Pass	
	8		0	21.33	0.18	21.51	<=30	Pass	
			4	21.28	0.18	21.46	<=30	Pass	
			7	21.27	0.18	21.45	<=30	Pass	
	15		0	21.15	0.18	21.33	<=30	Pass	
	1745		1	0	22.22	0.18	22.40	<=30	Pass
				7	22.18	0.18	22.36	<=30	Pass
		14		22.24	0.18	22.42	<=30	Pass	
		8	0	21.36	0.18	21.54	<=30	Pass	
			4	21.31	0.18	21.49	<=30	Pass	
			7	21.37	0.18	21.55	<=30	Pass	
	15	0	21.16	0.18	21.34	<=30	Pass		
	1778.5	1	0	22.94	0.18	23.12	<=30	Pass	
			7	22.99	0.18	23.17	<=30	Pass	
			14	22.98	0.18	23.16	<=30	Pass	
		8	0	21.38	0.18	21.56	<=30	Pass	
			4	21.36	0.18	21.54	<=30	Pass	
			7	21.37	0.18	21.55	<=30	Pass	
		15	0	21.27	0.18	21.45	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.92	0.18	23.10	<=30	Pass
			13	22.87	0.18	23.05	<=30	Pass
			24	23.02	0.18	23.20	<=30	Pass
		12	0	22.12	0.18	22.30	<=30	Pass
			6	21.99	0.18	22.17	<=30	Pass
			13	22.03	0.18	22.21	<=30	Pass

16QAM	1745	25	0	22.00	0.18	22.18	<=30	Pass
			0	23.09	0.18	23.27	<=30	Pass
			13	23.01	0.18	23.19	<=30	Pass
		12	24	23.05	0.18	23.23	<=30	Pass
			0	21.98	0.18	22.16	<=30	Pass
			6	22.02	0.18	22.20	<=30	Pass
			13	22.02	0.18	22.20	<=30	Pass
		25	0	22.01	0.18	22.19	<=30	Pass
			0	23.12	0.18	23.30	<=30	Pass
	1777.5	1	13	23.22	0.18	23.40	<=30	Pass
			24	23.05	0.18	23.23	<=30	Pass
			0	22.08	0.18	22.26	<=30	Pass
		12	6	22.12	0.18	22.30	<=30	Pass
			13	22.19	0.18	22.37	<=30	Pass
			25	22.06	0.18	22.24	<=30	Pass
	1712.5	1	0	22.17	0.18	22.35	<=30	Pass
			13	22.14	0.18	22.32	<=30	Pass
			24	22.14	0.18	22.32	<=30	Pass
		12	0	21.17	0.18	21.35	<=30	Pass
			6	21.10	0.18	21.28	<=30	Pass
			13	21.14	0.18	21.32	<=30	Pass
		25	0	21.23	0.18	21.41	<=30	Pass
	1745	1	0	22.22	0.18	22.40	<=30	Pass
			13	22.16	0.18	22.34	<=30	Pass
			24	22.29	0.18	22.47	<=30	Pass
		12	0	21.10	0.18	21.28	<=30	Pass
			6	21.17	0.18	21.35	<=30	Pass
			13	21.09	0.18	21.27	<=30	Pass
		25	0	21.12	0.18	21.30	<=30	Pass
	1777.5	1	0	21.29	0.18	21.47	<=30	Pass
			13	21.26	0.18	21.44	<=30	Pass
			24	21.38	0.18	21.56	<=30	Pass
		12	0	21.22	0.18	21.40	<=30	Pass
			6	21.21	0.18	21.39	<=30	Pass
			13	21.24	0.18	21.42	<=30	Pass
		25	0	21.28	0.18	21.46	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.11	0.18	23.29	<=30	Pass
			25	23.13	0.18	23.31	<=30	Pass
			49	23.14	0.18	23.32	<=30	Pass
		25	0	22.07	0.18	22.25	<=30	Pass
			13	22.05	0.18	22.23	<=30	Pass
			25	22.08	0.18	22.26	<=30	Pass
		50	0	22.11	0.18	22.29	<=30	Pass
	1745	1	0	23.01	0.18	23.19	<=30	Pass
			25	23.01	0.18	23.19	<=30	Pass
			49	23.08	0.18	23.26	<=30	Pass
		25	0	21.95	0.18	22.13	<=30	Pass
			13	22.03	0.18	22.21	<=30	Pass
			25	22.01	0.18	22.19	<=30	Pass
		50	0	22.10	0.18	22.28	<=30	Pass
	1775	1	0	23.00	0.18	23.18	<=30	Pass

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Page 3 of 196

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16QAM		25	25	23.07	0.18	23.25	<=30	Pass
			49	23.05	0.18	23.23	<=30	Pass
			0	22.21	0.18	22.39	<=30	Pass
			13	22.10	0.18	22.28	<=30	Pass
			25	22.07	0.18	22.25	<=30	Pass
	50	0	22.14	0.18	22.32	<=30	Pass	
			21.58	0.18	21.76	<=30	Pass	
			21.54	0.18	21.72	<=30	Pass	
			21.60	0.18	21.78	<=30	Pass	
			21.29	0.18	21.47	<=30	Pass	
	1715	1	21.21	0.18	21.39	<=30	Pass	
			21.26	0.18	21.44	<=30	Pass	
			21.10	0.18	21.28	<=30	Pass	
			22.75	0.18	22.93	<=30	Pass	
			22.70	0.18	22.88	<=30	Pass	
	1745	1	22.76	0.18	22.94	<=30	Pass	
			21.21	0.18	21.39	<=30	Pass	
			21.18	0.18	21.36	<=30	Pass	
			21.17	0.18	21.35	<=30	Pass	
			21.18	0.18	21.36	<=30	Pass	
	1775	1	22.34	0.18	22.52	<=30	Pass	
			22.32	0.18	22.50	<=30	Pass	
			22.46	0.18	22.64	<=30	Pass	
			21.27	0.18	21.45	<=30	Pass	
			21.27	0.18	21.45	<=30	Pass	
		25	21.22	0.18	21.40	<=30	Pass	
			21.24	0.18	21.42	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.89	0.18	23.07	<=30	Pass
			38	22.90	0.18	23.08	<=30	Pass
			74	22.91	0.18	23.09	<=30	Pass
		36	0	22.12	0.18	22.30	<=30	Pass
			18	22.00	0.18	22.18	<=30	Pass
			39	22.09	0.18	22.27	<=30	Pass
		75	0	22.07	0.18	22.25	<=30	Pass
	1745	1	0	22.97	0.18	23.15	<=30	Pass
			38	23.01	0.18	23.19	<=30	Pass
			74	23.11	0.18	23.29	<=30	Pass
		36	0	22.16	0.18	22.34	<=30	Pass
			18	22.13	0.18	22.31	<=30	Pass
			39	22.16	0.18	22.34	<=30	Pass
		75	0	22.12	0.18	22.30	<=30	Pass
	1772.5	1	0	23.03	0.18	23.21	<=30	Pass
			38	23.05	0.18	23.23	<=30	Pass
			74	23.05	0.18	23.23	<=30	Pass
		36	0	22.08	0.18	22.26	<=30	Pass
			18	22.18	0.18	22.36	<=30	Pass
			39	22.15	0.18	22.33	<=30	Pass
		75	0	22.11	0.18	22.29	<=30	Pass
16QAM	1717.5	1	0	22.37	0.18	22.55	<=30	Pass
			38	22.35	0.18	22.53	<=30	Pass
			74	22.29	0.18	22.47	<=30	Pass

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Page 4 of 196

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		36	0	21.11	0.18	21.29	<=30	Pass
			18	21.14	0.18	21.32	<=30	Pass
			39	21.21	0.18	21.39	<=30	Pass
		75	0	21.15	0.18	21.33	<=30	Pass
			0	23.16	0.18	23.34	<=30	Pass
			38	23.15	0.18	23.33	<=30	Pass
		1745	74	23.15	0.18	23.33	<=30	Pass
			0	21.12	0.18	21.30	<=30	Pass
			18	21.14	0.18	21.32	<=30	Pass
			39	21.17	0.18	21.35	<=30	Pass
			75	21.16	0.18	21.34	<=30	Pass
			0	22.32	0.18	22.50	<=30	Pass
			38	22.45	0.18	22.63	<=30	Pass
			74	22.43	0.18	22.61	<=30	Pass
	1772.5	1	0	21.29	0.18	21.47	<=30	Pass
			18	21.36	0.18	21.54	<=30	Pass
			39	21.36	0.18	21.54	<=30	Pass
		36	0	21.26	0.18	21.44	<=30	Pass
			0	22.87	0.18	23.05	<=30	Pass
			50	22.88	0.18	23.06	<=30	Pass
			99	22.88	0.18	23.06	<=30	Pass
		50	0	21.08	0.18	21.26	<=30	Pass
			25	21.15	0.18	21.33	<=30	Pass
			50	21.19	0.18	21.37	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.03	0.18	23.21	<=30	Pass
			50	23.16	0.18	23.34	<=30	Pass
			99	23.16	0.18	23.34	<=30	Pass
		50	0	22.09	0.18	22.27	<=30	Pass
			25	22.09	0.18	22.27	<=30	Pass
			50	22.09	0.18	22.27	<=30	Pass
		100	0	22.17	0.18	22.35	<=30	Pass
			0	23.03	0.18	23.21	<=30	Pass
			50	23.01	0.18	23.19	<=30	Pass
	1745	1	99	23.12	0.18	23.30	<=30	Pass
			0	22.03	0.18	22.21	<=30	Pass
			25	22.08	0.18	22.26	<=30	Pass
		50	50	22.15	0.18	22.33	<=30	Pass
			0	21.97	0.18	22.15	<=30	Pass
			0	23.15	0.18	23.33	<=30	Pass
		100	50	23.24	0.18	23.42	<=30	Pass
			99	23.22	0.18	23.40	<=30	Pass
			0	22.08	0.18	22.26	<=30	Pass
	1770	50	25	22.07	0.18	22.25	<=30	Pass
			50	22.07	0.18	22.25	<=30	Pass
			0	22.09	0.18	22.27	<=30	Pass
16QAM	1720	1	0	22.87	0.18	23.05	<=30	Pass
			50	22.88	0.18	23.06	<=30	Pass
			99	22.88	0.18	23.06	<=30	Pass
		50	0	21.08	0.18	21.26	<=30	Pass
			25	21.15	0.18	21.33	<=30	Pass
			50	21.19	0.18	21.37	<=30	Pass
		100	0	21.27	0.18	21.45	<=30	Pass
			0	22.57	0.18	22.75	<=30	Pass
			50	22.55	0.18	22.73	<=30	Pass
	1745	1	99	22.62	0.18	22.80	<=30	Pass
			0	21.28	0.18	21.46	<=30	Pass
			25	21.29	0.18	21.47	<=30	Pass

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Page 5 of 196

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		100	50	21.37	0.18	21.55	<=30	Pass
			0	21.05	0.18	21.23	<=30	Pass
	1770	1	0	22.06	0.18	22.24	<=30	Pass
			50	22.10	0.18	22.28	<=30	Pass
			99	22.19	0.18	22.37	<=30	Pass
	50		0	21.27	0.18	21.45	<=30	Pass
			25	21.27	0.18	21.45	<=30	Pass
			50	21.28	0.18	21.46	<=30	Pass
	100		0	21.21	0.18	21.39	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	0.815	0.0005	-2.5 to 2.5	Pass
					3.85	23.303	0.0136	-2.5 to 2.5	Pass
					4.43	7.625	0.0045	-2.5 to 2.5	Pass
				-30	3.85	21.100	0.0123	-2.5 to 2.5	Pass
				-20	3.85	29.898	0.0175	-2.5 to 2.5	Pass
				-10	3.85	35.462	0.0207	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				30	3.85	2.618	0.0015	-2.5 to 2.5	Pass
				40	3.85	11.230	0.0066	-2.5 to 2.5	Pass
	50	3.85	9.012	0.0053	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	-39.010	-0.0224	-2.5 to 2.5	Pass
					3.85	-34.847	-0.0200	-2.5 to 2.5	Pass
					4.43	-34.246	-0.0196	-2.5 to 2.5	Pass
				-30	3.85	-24.877	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-36.550	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-18.969	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-42.415	-0.0243	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0007	-2.5 to 2.5	Pass
	50	3.85	-8.569	-0.0049	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	6.137	0.0034	-2.5 to 2.5	Pass
					3.85	-27.752	-0.0156	-2.5 to 2.5	Pass
					4.43	-36.178	-0.0203	-2.5 to 2.5	Pass
				-30	3.85	-36.879	-0.0207	-2.5 to 2.5	Pass
				-20	3.85	-29.039	-0.0163	-2.5 to 2.5	Pass
				-10	3.85	-9.670	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				10	3.85	13.919	0.0078	-2.5 to 2.5	Pass
				30	3.85	1.516	0.0009	-2.5 to 2.5	Pass
40				3.85	18.826	0.0106	-2.5 to 2.5	Pass	
50	3.85	15.578	0.0088	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	8.111	0.0047	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
					4.43	-13.561	-0.0079	-2.5 to 2.5	Pass

				-30	3.85	-17.953	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-22.817	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-12.016	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-35.720	-0.0209	-2.5 to 2.5	Pass
				10	3.85	-41.413	-0.0242	-2.5 to 2.5	Pass
				30	3.85	-33.345	-0.0195	-2.5 to 2.5	Pass
				40	3.85	-30.713	-0.0180	-2.5 to 2.5	Pass
				50	3.85	-32.315	-0.0189	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-8.125	-0.0047	-2.5 to 2.5	Pass
					3.85	-26.135	-0.0150	-2.5 to 2.5	Pass
					4.43	-42.686	-0.0245	-2.5 to 2.5	Pass
				-30	3.85	-22.230	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-34.919	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-10.242	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-25.420	-0.0146	-2.5 to 2.5	Pass
				10	3.85	-33.360	-0.0191	-2.5 to 2.5	Pass
				30	3.85	-44.489	-0.0255	-2.5 to 2.5	Pass
				40	3.85	8.798	0.0050	-2.5 to 2.5	Pass
				50	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	29.712	0.0167	-2.5 to 2.5	Pass
					3.85	31.943	0.0180	-2.5 to 2.5	Pass
					4.43	28.095	0.0158	-2.5 to 2.5	Pass
				-30	3.85	28.710	0.0161	-2.5 to 2.5	Pass
				-20	3.85	35.377	0.0199	-2.5 to 2.5	Pass
				-10	3.85	5.822	0.0033	-2.5 to 2.5	Pass
				0	3.85	13.204	0.0074	-2.5 to 2.5	Pass
				10	3.85	20.027	0.0113	-2.5 to 2.5	Pass
				30	3.85	35.405	0.0199	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				50	3.85	7.153	0.0040	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-8.640	-0.0050	-2.5 to 2.5	Pass
					3.85	-12.689	-0.0074	-2.5 to 2.5	Pass
					4.43	5.579	0.0033	-2.5 to 2.5	Pass
				-30	3.85	27.781	0.0162	-2.5 to 2.5	Pass
				-20	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				-10	3.85	16.508	0.0096	-2.5 to 2.5	Pass
				0	3.85	27.766	0.0162	-2.5 to 2.5	Pass
				10	3.85	12.875	0.0075	-2.5 to 2.5	Pass
				30	3.85	22.416	0.0131	-2.5 to 2.5	Pass
				40	3.85	25.377	0.0148	-2.5 to 2.5	Pass
	1745	15	0	20	3.85	29.154	0.0170	-2.5 to 2.5	Pass
					3.27	6.108	0.0035	-2.5 to 2.5	Pass
					3.85	14.534	0.0083	-2.5 to 2.5	Pass
					4.43	27.022	0.0155	-2.5 to 2.5	Pass
				-30	3.85	34.733	0.0199	-2.5 to 2.5	Pass
				-20	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.160	0.0012	-2.5 to 2.5	Pass
				0	3.85	9.513	0.0055	-2.5 to 2.5	Pass
				10	3.85	25.277	0.0145	-2.5 to 2.5	Pass
				30	3.85	30.069	0.0172	-2.5 to 2.5	Pass
				40	3.85	30.541	0.0175	-2.5 to 2.5	Pass
				50	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass

	1778.5	15	0	20	3.27	6.695	0.0038	-2.5 to 2.5	Pass
					3.85	18.940	0.0106	-2.5 to 2.5	Pass
					4.43	35.806	0.0201	-2.5 to 2.5	Pass
				-30	3.85	12.560	0.0071	-2.5 to 2.5	Pass
				-20	3.85	9.956	0.0056	-2.5 to 2.5	Pass
				-10	3.85	5.951	0.0033	-2.5 to 2.5	Pass
				0	3.85	33.774	0.0190	-2.5 to 2.5	Pass
				10	3.85	24.347	0.0137	-2.5 to 2.5	Pass
				30	3.85	44.489	0.0250	-2.5 to 2.5	Pass
				40	3.85	30.069	0.0169	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	28.882	0.0169	-2.5 to 2.5	Pass
					3.85	21.758	0.0127	-2.5 to 2.5	Pass
					4.43	12.317	0.0072	-2.5 to 2.5	Pass
				-30	3.85	4.277	0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				40	3.85	5.565	0.0033	-2.5 to 2.5	Pass
				50	3.85	1.087	0.0006	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-5.093	-0.0029	-2.5 to 2.5	Pass
					3.85	-18.382	-0.0105	-2.5 to 2.5	Pass
					4.43	-37.322	-0.0214	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-14.248	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-17.595	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-11.387	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-9.484	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-13.604	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-11.244	-0.0064	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	12.875	0.0072	-2.5 to 2.5	Pass
					3.85	-8.297	-0.0047	-2.5 to 2.5	Pass
					4.43	-11.272	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-32.873	-0.0185	-2.5 to 2.5	Pass
				-20	3.85	-11.487	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-16.494	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-18.911	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-12.417	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-13.862	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-11.373	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-12.188	-0.0069	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	3.147	0.0018	-2.5 to 2.5	Pass
					3.85	30.069	0.0176	-2.5 to 2.5	Pass
					4.43	24.891	0.0145	-2.5 to 2.5	Pass
				-30	3.85	22.202	0.0130	-2.5 to 2.5	Pass
				-20	3.85	26.665	0.0156	-2.5 to 2.5	Pass
				-10	3.85	33.617	0.0196	-2.5 to 2.5	Pass
				0	3.85	45.662	0.0267	-2.5 to 2.5	Pass
				10	3.85	-9.456	-0.0055	-2.5 to 2.5	Pass

				30	3.85	8.583	0.0050	-2.5 to 2.5	Pass
				40	3.85	13.390	0.0078	-2.5 to 2.5	Pass
				50	3.85	22.330	0.0130	-2.5 to 2.5	Pass
1745	25	0	20	3.27	-4.077	-0.0023	-2.5 to 2.5	Pass	
				3.85	-4.148	-0.0024	-2.5 to 2.5	Pass	
				4.43	17.037	0.0098	-2.5 to 2.5	Pass	
			-30	3.85	25.420	0.0146	-2.5 to 2.5	Pass	
			-20	3.85	5.064	0.0029	-2.5 to 2.5	Pass	
			-10	3.85	6.223	0.0036	-2.5 to 2.5	Pass	
			0	3.85	12.016	0.0069	-2.5 to 2.5	Pass	
			10	3.85	15.621	0.0090	-2.5 to 2.5	Pass	
			30	3.85	18.682	0.0107	-2.5 to 2.5	Pass	
			40	3.85	21.472	0.0123	-2.5 to 2.5	Pass	
			50	3.85	21.329	0.0122	-2.5 to 2.5	Pass	
	1777.5	25	20	3.27	-4.735	-0.0027	-2.5 to 2.5	Pass	
				3.85	-1.359	-0.0008	-2.5 to 2.5	Pass	
				4.43	12.388	0.0070	-2.5 to 2.5	Pass	
			-30	3.85	12.302	0.0069	-2.5 to 2.5	Pass	
			-20	3.85	27.881	0.0157	-2.5 to 2.5	Pass	
			-10	3.85	18.969	0.0107	-2.5 to 2.5	Pass	
			0	3.85	11.859	0.0067	-2.5 to 2.5	Pass	
			10	3.85	5.422	0.0031	-2.5 to 2.5	Pass	
			30	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass	
			40	3.85	14.434	0.0081	-2.5 to 2.5	Pass	
			50	3.85	3.505	0.0020	-2.5 to 2.5	Pass	
16QAM	1712.5	25	20	3.27	27.165	0.0159	-2.5 to 2.5	Pass	
				3.85	17.638	0.0103	-2.5 to 2.5	Pass	
				4.43	-3.848	-0.0022	-2.5 to 2.5	Pass	
			-30	3.85	-16.909	-0.0099	-2.5 to 2.5	Pass	
			-20	3.85	-22.473	-0.0131	-2.5 to 2.5	Pass	
			-10	3.85	-21.772	-0.0127	-2.5 to 2.5	Pass	
			0	3.85	-24.333	-0.0142	-2.5 to 2.5	Pass	
			10	3.85	-24.405	-0.0143	-2.5 to 2.5	Pass	
			30	3.85	-30.041	-0.0175	-2.5 to 2.5	Pass	
			40	3.85	-29.011	-0.0169	-2.5 to 2.5	Pass	
			50	3.85	-39.668	-0.0232	-2.5 to 2.5	Pass	
	1745	25	20	3.27	22.302	0.0128	-2.5 to 2.5	Pass	
				3.85	6.394	0.0037	-2.5 to 2.5	Pass	
				4.43	-10.800	-0.0062	-2.5 to 2.5	Pass	
			-30	3.85	-22.573	-0.0129	-2.5 to 2.5	Pass	
			-20	3.85	-25.320	-0.0145	-2.5 to 2.5	Pass	
			-10	3.85	-29.840	-0.0171	-2.5 to 2.5	Pass	
			0	3.85	-35.548	-0.0204	-2.5 to 2.5	Pass	
			10	3.85	-37.122	-0.0213	-2.5 to 2.5	Pass	
			30	3.85	-29.798	-0.0171	-2.5 to 2.5	Pass	
			40	3.85	-31.285	-0.0179	-2.5 to 2.5	Pass	
			50	3.85	-31.528	-0.0181	-2.5 to 2.5	Pass	
	1777.5	25	20	3.27	11.716	0.0066	-2.5 to 2.5	Pass	
				3.85	-9.871	-0.0056	-2.5 to 2.5	Pass	
				4.43	-8.097	-0.0046	-2.5 to 2.5	Pass	
			-30	3.85	-17.624	-0.0099	-2.5 to 2.5	Pass	
			-20	3.85	-15.121	-0.0085	-2.5 to 2.5	Pass	
			-10	3.85	-8.912	-0.0050	-2.5 to 2.5	Pass	
			0	3.85	-10.314	-0.0058	-2.5 to 2.5	Pass	
			10	3.85	-10.071	-0.0057	-2.5 to 2.5	Pass	
			30	3.85	-9.899	-0.0056	-2.5 to 2.5	Pass	
			40	3.85	-8.655	-0.0049	-2.5 to 2.5	Pass	
			50	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass	

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	29.511	0.0172	-2.5 to 2.5	Pass
					3.85	29.340	0.0171	-2.5 to 2.5	Pass
					4.43	13.833	0.0081	-2.5 to 2.5	Pass
				-30	3.85	18.768	0.0109	-2.5 to 2.5	Pass
				-20	3.85	11.058	0.0064	-2.5 to 2.5	Pass
				-10	3.85	30.112	0.0176	-2.5 to 2.5	Pass
				0	3.85	-11.158	-0.0065	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0014	-2.5 to 2.5	Pass
				30	3.85	15.492	0.0090	-2.5 to 2.5	Pass
				40	3.85	25.148	0.0147	-2.5 to 2.5	Pass
				50	3.85	4.849	0.0028	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-6.394	-0.0037	-2.5 to 2.5	Pass
					3.85	28.281	0.0162	-2.5 to 2.5	Pass
					4.43	16.909	0.0097	-2.5 to 2.5	Pass
				-30	3.85	38.981	0.0223	-2.5 to 2.5	Pass
				-20	3.85	5.279	0.0030	-2.5 to 2.5	Pass
				-10	3.85	10.958	0.0063	-2.5 to 2.5	Pass
				0	3.85	5.965	0.0034	-2.5 to 2.5	Pass
				10	3.85	8.025	0.0046	-2.5 to 2.5	Pass
				30	3.85	8.583	0.0049	-2.5 to 2.5	Pass
				40	3.85	11.029	0.0063	-2.5 to 2.5	Pass
				50	3.85	6.752	0.0039	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.190	-0.0018	-2.5 to 2.5	Pass
					3.85	22.259	0.0125	-2.5 to 2.5	Pass
					4.43	25.563	0.0144	-2.5 to 2.5	Pass
				-30	3.85	19.269	0.0109	-2.5 to 2.5	Pass
				-20	3.85	25.020	0.0141	-2.5 to 2.5	Pass
				-10	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				0	3.85	24.934	0.0140	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				30	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				40	3.85	34.776	0.0196	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	6.566	0.0038	-2.5 to 2.5	Pass
					3.85	-17.595	-0.0103	-2.5 to 2.5	Pass
					4.43	-37.236	-0.0217	-2.5 to 2.5	Pass
				-30	3.85	-14.420	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-14.663	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-20.800	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-26.736	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-33.388	-0.0195	-2.5 to 2.5	Pass
				30	3.85	-29.984	-0.0175	-2.5 to 2.5	Pass
				40	3.85	-36.035	-0.0210	-2.5 to 2.5	Pass
				50	3.85	19.641	0.0115	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	10.529	0.0060	-2.5 to 2.5	Pass
					3.85	-29.955	-0.0172	-2.5 to 2.5	Pass
					4.43	-17.796	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-34.089	-0.0195	-2.5 to 2.5	Pass
				-20	3.85	-15.006	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-15.593	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-24.018	-0.0138	-2.5 to 2.5	Pass
				10	3.85	-32.301	-0.0185	-2.5 to 2.5	Pass
				30	3.85	6.580	0.0038	-2.5 to 2.5	Pass
				40	3.85	5.965	0.0034	-2.5 to 2.5	Pass

	1775	50	0	50	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				20	3.27	25.778	0.0145	-2.5 to 2.5	Pass
					3.85	-13.704	-0.0077	-2.5 to 2.5	Pass
					4.43	-16.966	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-38.209	-0.0215	-2.5 to 2.5	Pass
				-20	3.85	-6.065	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-13.762	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-33.360	-0.0188	-2.5 to 2.5	Pass
				10	3.85	-37.050	-0.0209	-2.5 to 2.5	Pass
				30	3.85	-42.272	-0.0238	-2.5 to 2.5	Pass
				40	3.85	4.320	0.0024	-2.5 to 2.5	Pass
				50	3.85	6.080	0.0034	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-7.381	-0.0043	-2.5 to 2.5	Pass
					3.85	4.992	0.0029	-2.5 to 2.5	Pass
					4.43	28.181	0.0164	-2.5 to 2.5	Pass
				-30	3.85	20.700	0.0121	-2.5 to 2.5	Pass
				-20	3.85	4.878	0.0028	-2.5 to 2.5	Pass
				-10	3.85	8.726	0.0051	-2.5 to 2.5	Pass
				0	3.85	7.410	0.0043	-2.5 to 2.5	Pass
				10	3.85	7.024	0.0041	-2.5 to 2.5	Pass
				30	3.85	8.512	0.0050	-2.5 to 2.5	Pass
				40	3.85	12.631	0.0074	-2.5 to 2.5	Pass
				50	3.85	10.772	0.0063	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	2.689	0.0015	-2.5 to 2.5	Pass
					3.85	17.982	0.0103	-2.5 to 2.5	Pass
					4.43	32.687	0.0187	-2.5 to 2.5	Pass
				-30	3.85	40.255	0.0231	-2.5 to 2.5	Pass
				-20	3.85	36.306	0.0208	-2.5 to 2.5	Pass
				-10	3.85	23.918	0.0137	-2.5 to 2.5	Pass
				0	3.85	25.263	0.0145	-2.5 to 2.5	Pass
				10	3.85	27.237	0.0156	-2.5 to 2.5	Pass
				30	3.85	33.488	0.0192	-2.5 to 2.5	Pass
				40	3.85	37.694	0.0216	-2.5 to 2.5	Pass
				50	3.85	42.372	0.0243	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	2.031	0.0011	-2.5 to 2.5	Pass
					3.85	9.570	0.0054	-2.5 to 2.5	Pass
					4.43	31.157	0.0176	-2.5 to 2.5	Pass
				-30	3.85	20.328	0.0115	-2.5 to 2.5	Pass
				-20	3.85	25.234	0.0142	-2.5 to 2.5	Pass
				-10	3.85	4.663	0.0026	-2.5 to 2.5	Pass
				0	3.85	15.278	0.0086	-2.5 to 2.5	Pass
				10	3.85	30.470	0.0172	-2.5 to 2.5	Pass
				30	3.85	9.999	0.0056	-2.5 to 2.5	Pass
				40	3.85	29.426	0.0166	-2.5 to 2.5	Pass
				50	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	20.199	0.0118	-2.5 to 2.5	Pass
					3.85	2.632	0.0015	-2.5 to 2.5	Pass
					4.43	-11.401	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-20.299	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-26.007	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-27.108	-0.0158	-2.5 to 2.5	Pass
				0	3.85	-29.926	-0.0174	-2.5 to 2.5	Pass

				10	3.85	-34.633	-0.0202	-2.5 to 2.5	Pass
				30	3.85	-38.295	-0.0223	-2.5 to 2.5	Pass
				40	3.85	-37.551	-0.0219	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	40.898	0.0234	-2.5 to 2.5	Pass
					3.85	20.471	0.0117	-2.5 to 2.5	Pass
					4.43	9.756	0.0056	-2.5 to 2.5	Pass
				-30	3.85	3.405	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-12.403	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-16.308	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-11.230	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-12.832	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-13.332	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-11.616	-0.0067	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	10.929	0.0062	-2.5 to 2.5	Pass
					3.85	-24.962	-0.0141	-2.5 to 2.5	Pass
					4.43	-30.413	-0.0172	-2.5 to 2.5	Pass
				-30	3.85	-23.589	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-7.410	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-11.287	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-14.548	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-11.873	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-13.347	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-10.457	-0.0059	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	11.745	0.0068	-2.5 to 2.5	Pass
					3.85	5.865	0.0034	-2.5 to 2.5	Pass
					4.43	22.016	0.0128	-2.5 to 2.5	Pass
				-30	3.85	12.116	0.0070	-2.5 to 2.5	Pass
				-20	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	11.086	0.0064	-2.5 to 2.5	Pass
				0	3.85	7.939	0.0046	-2.5 to 2.5	Pass
				10	3.85	8.154	0.0047	-2.5 to 2.5	Pass
				30	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				40	3.85	6.881	0.0040	-2.5 to 2.5	Pass
				50	3.85	12.460	0.0072	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.917	-0.0011	-2.5 to 2.5	Pass
					3.85	17.009	0.0097	-2.5 to 2.5	Pass
					4.43	34.847	0.0200	-2.5 to 2.5	Pass
				-30	3.85	15.779	0.0090	-2.5 to 2.5	Pass
				-20	3.85	23.174	0.0133	-2.5 to 2.5	Pass
				-10	3.85	27.823	0.0159	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				10	3.85	3.633	0.0021	-2.5 to 2.5	Pass
				30	3.85	5.050	0.0029	-2.5 to 2.5	Pass
				40	3.85	9.542	0.0055	-2.5 to 2.5	Pass
				50	3.85	9.212	0.0053	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	3.190	0.0018	-2.5 to 2.5	Pass
					3.85	22.216	0.0126	-2.5 to 2.5	Pass
					4.43	21.386	0.0121	-2.5 to 2.5	Pass
				-30	3.85	24.548	0.0139	-2.5 to 2.5	Pass

16QAM	1720	100	0	-20	3.85	18.725	0.0106	-2.5 to 2.5	Pass
				-10	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				0	3.85	26.836	0.0152	-2.5 to 2.5	Pass
				10	3.85	11.759	0.0066	-2.5 to 2.5	Pass
				30	3.85	29.426	0.0166	-2.5 to 2.5	Pass
				40	3.85	28.811	0.0163	-2.5 to 2.5	Pass
				50	3.85	2.747	0.0016	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	6.580	0.0038	-2.5 to 2.5	Pass
					3.85	-31.486	-0.0183	-2.5 to 2.5	Pass
					4.43	-13.533	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-19.999	-0.0116	-2.5 to 2.5	Pass
				-20	3.85	-33.288	-0.0194	-2.5 to 2.5	Pass
				-10	3.85	-32.129	-0.0187	-2.5 to 2.5	Pass
				0	3.85	-37.766	-0.0220	-2.5 to 2.5	Pass
				10	3.85	-26.379	-0.0153	-2.5 to 2.5	Pass
				30	3.85	-11.144	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-14.219	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-16.050	-0.0093	-2.5 to 2.5	Pass
				20	3.27	2.217	0.0013	-2.5 to 2.5	Pass
					3.85	-27.924	-0.0160	-2.5 to 2.5	Pass
					4.43	-9.613	-0.0055	-2.5 to 2.5	Pass
	1770	100	0	-30	3.85	-21.000	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-30.413	-0.0174	-2.5 to 2.5	Pass
				-10	3.85	-35.820	-0.0205	-2.5 to 2.5	Pass
				0	3.85	-39.024	-0.0224	-2.5 to 2.5	Pass
				10	3.85	-9.370	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-8.769	-0.0050	-2.5 to 2.5	Pass
				20	3.27	1.702	0.0010	-2.5 to 2.5	Pass
					3.85	-29.526	-0.0167	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-28.982	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-6.266	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-14.391	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-16.236	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-24.061	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-21.615	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-22.287	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-26.279	-0.0148	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

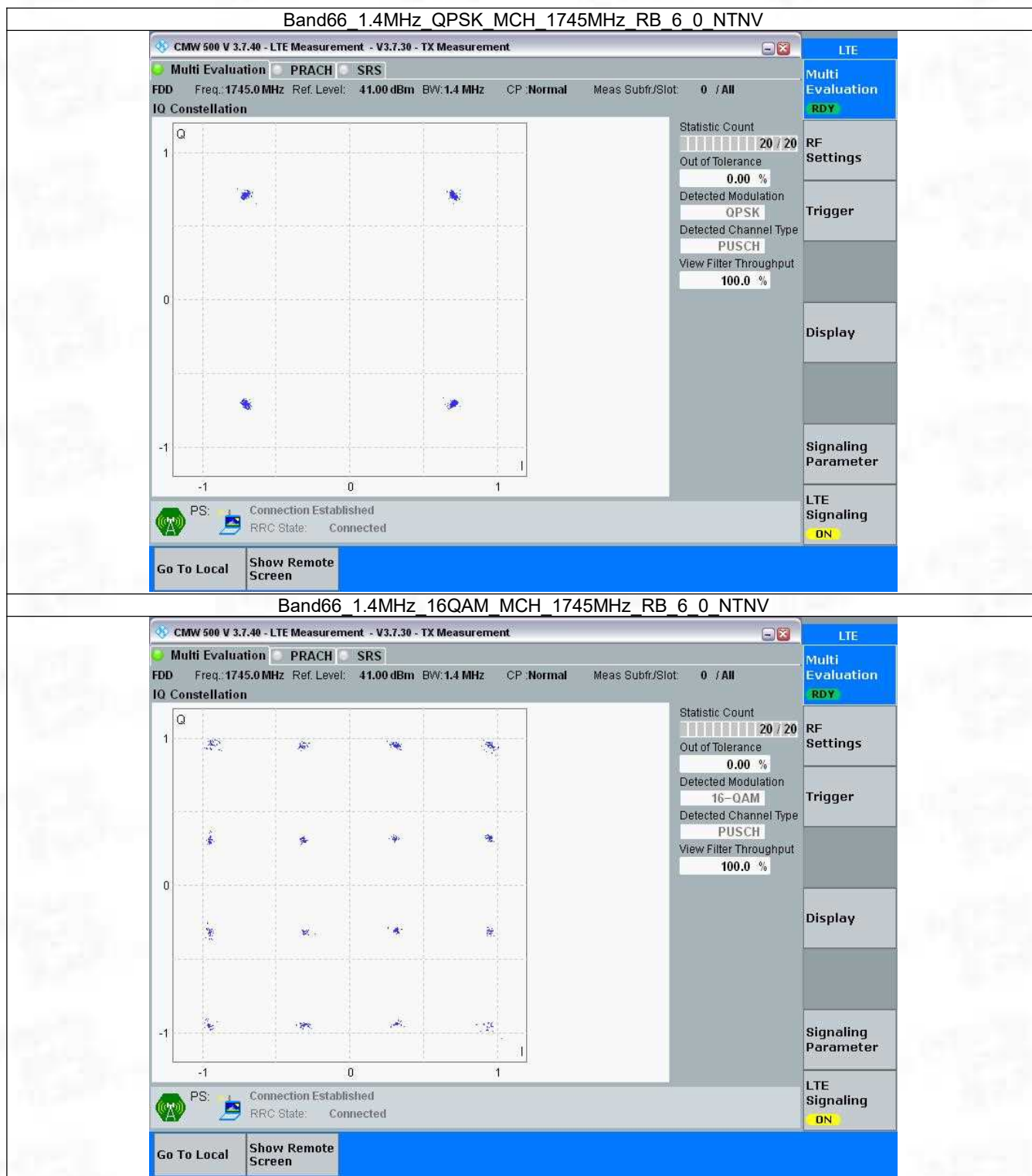
Band: 66 / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

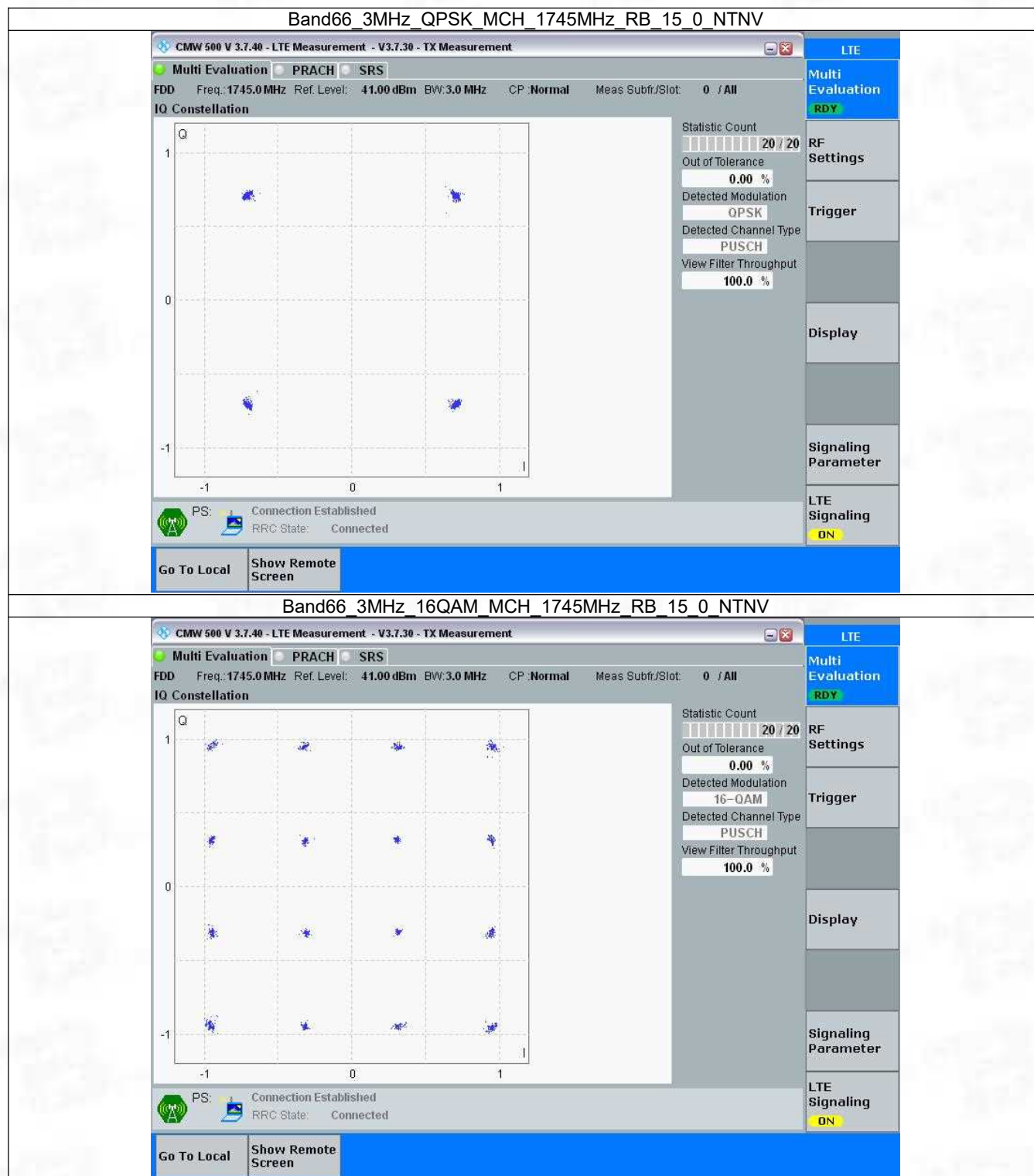
Band: 66 / Bandwidth: 20MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

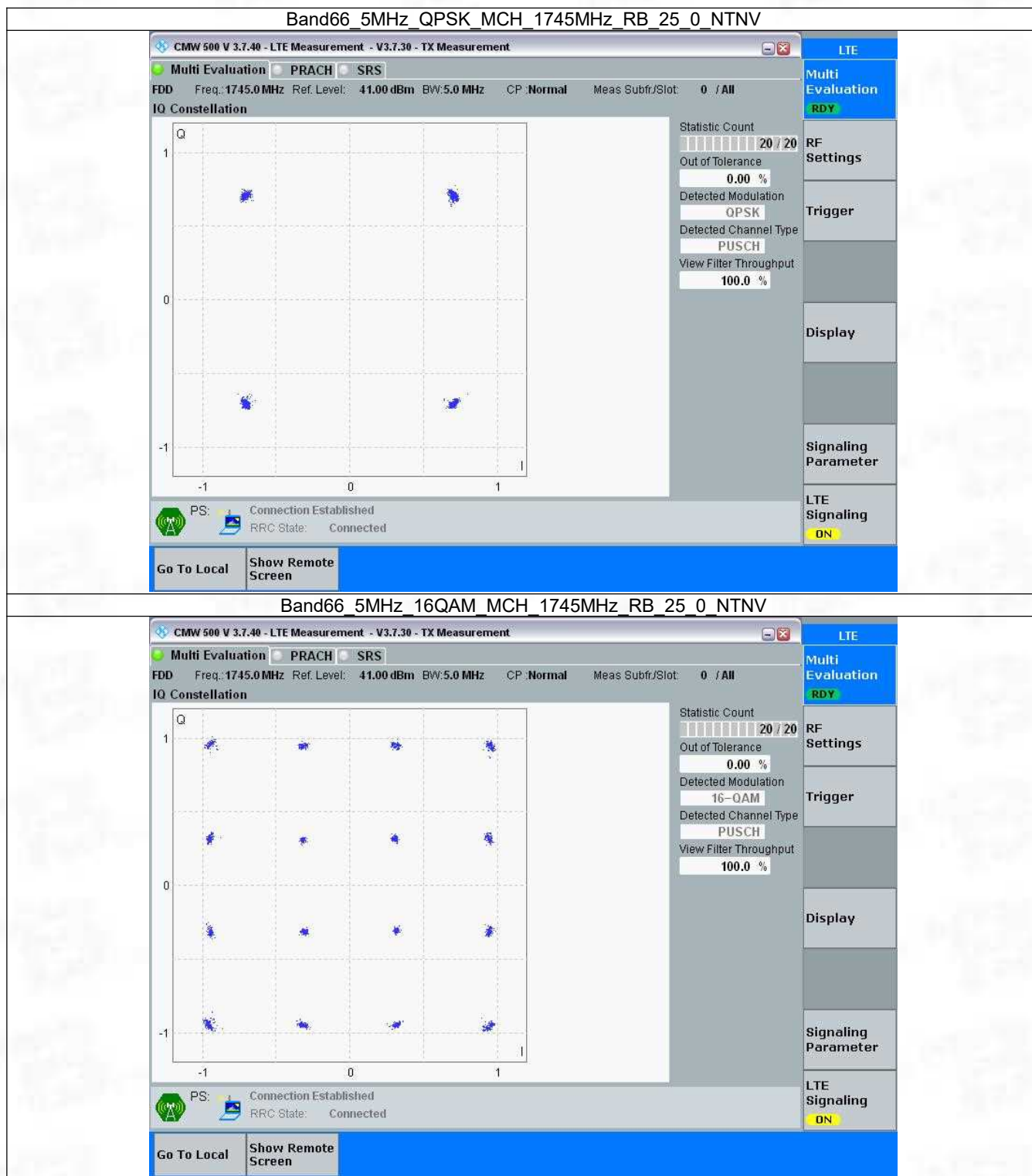
3.2.1 B66_1.4MHz



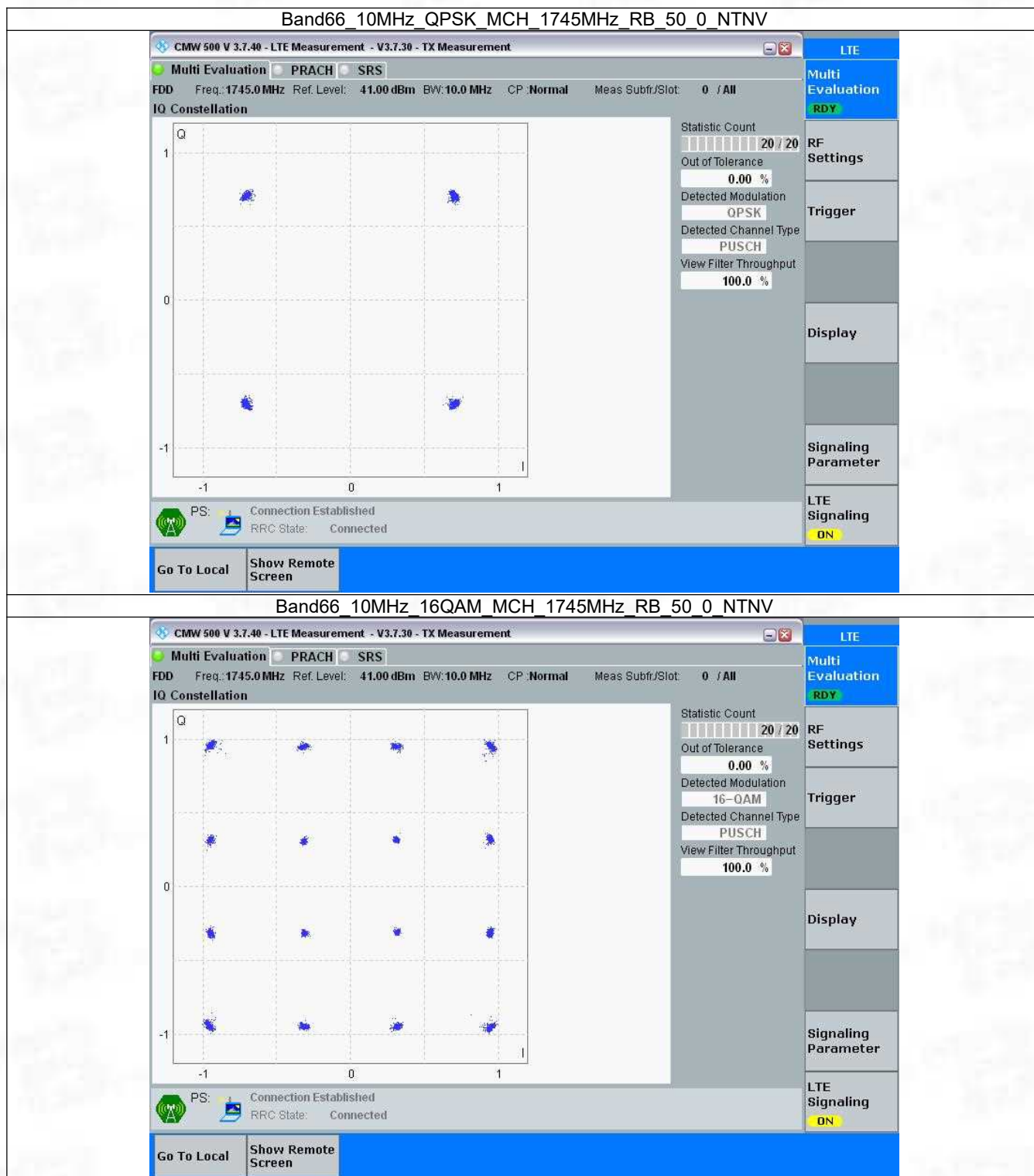
3.2.2 B66_3MHz



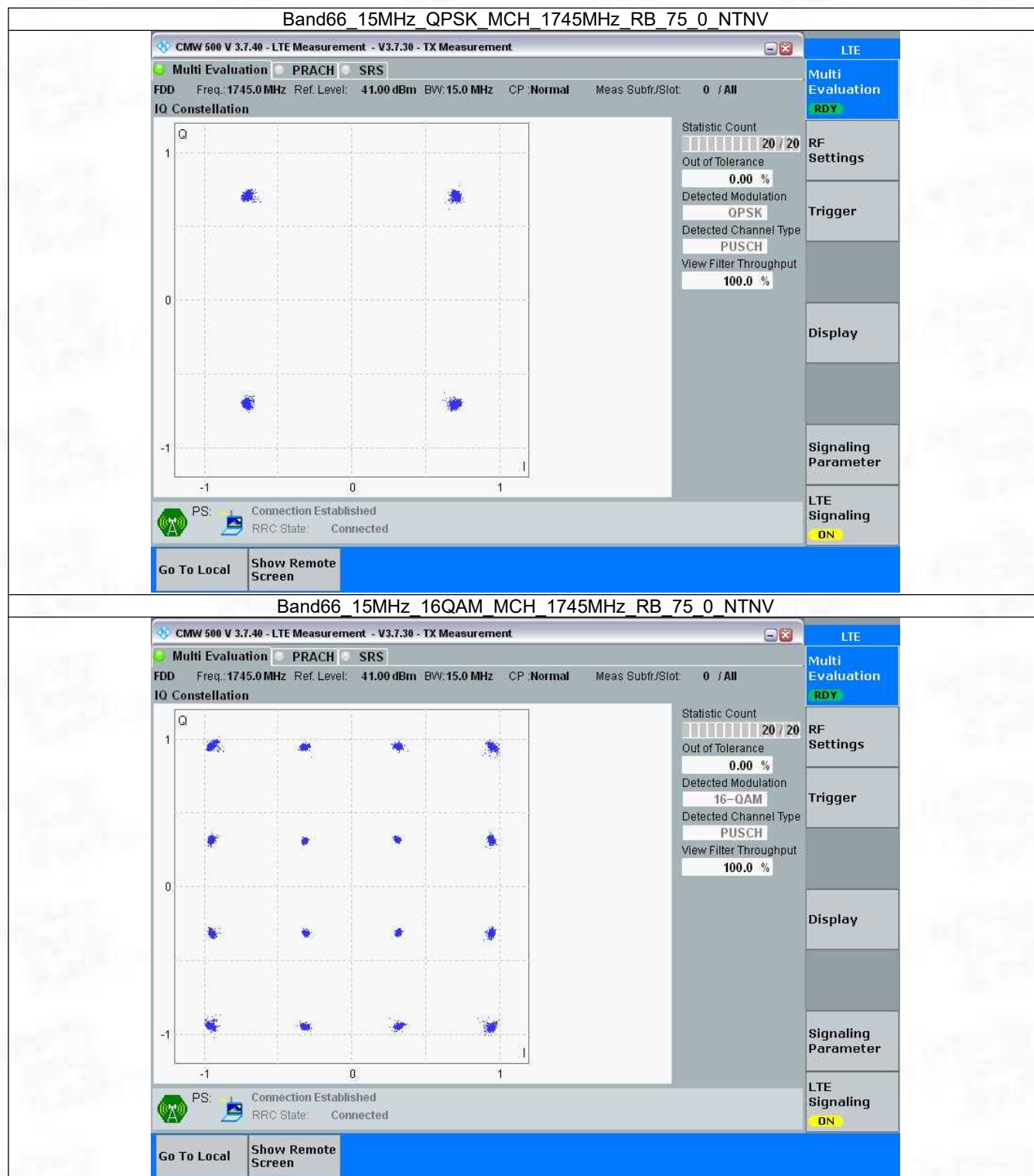
3.2.3 B66_5MHz



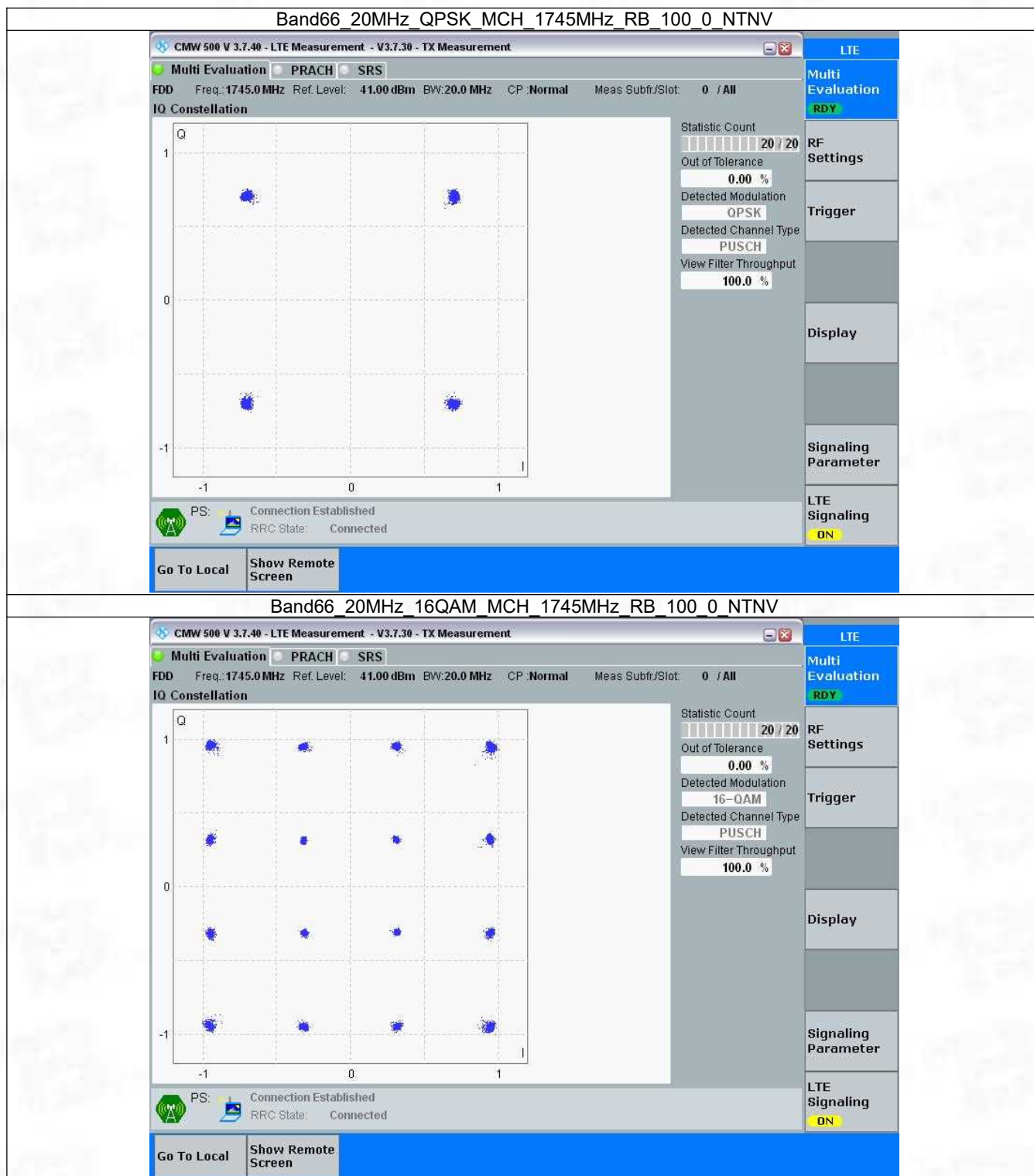
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.089	/	Pass
		1745	6	0	1.086	/	Pass
		1779.3	6	0	1.087	/	Pass
	16QAM	1710.7	6	0	1.090	/	Pass
		1745	6	0	1.084	/	Pass
		1779.3	6	0	1.095	/	Pass
3	QPSK	1711.5	15	0	2.692	/	Pass
		1745	15	0	2.687	/	Pass
		1778.5	15	0	2.691	/	Pass
	16QAM	1711.5	15	0	2.688	/	Pass
		1745	15	0	2.681	/	Pass
		1778.5	15	0	2.687	/	Pass
5	QPSK	1712.5	25	0	4.514	/	Pass
		1745	25	0	4.522	/	Pass
		1777.5	25	0	4.532	/	Pass
	16QAM	1712.5	25	0	4.532	/	Pass
		1745	25	0	4.514	/	Pass
		1777.5	25	0	4.510	/	Pass
10	QPSK	1715	50	0	8.961	/	Pass
		1745	50	0	8.961	/	Pass
		1775	50	0	8.965	/	Pass
	16QAM	1715	50	0	8.967	/	Pass
		1745	50	0	8.977	/	Pass
		1775	50	0	8.966	/	Pass
15	QPSK	1717.5	75	0	13.474	/	Pass
		1745	75	0	13.449	/	Pass
		1772.5	75	0	13.468	/	Pass
	16QAM	1717.5	75	0	13.455	/	Pass
		1745	75	0	13.488	/	Pass
		1772.5	75	0	13.470	/	Pass
20	QPSK	1720	100	0	17.929	/	Pass
		1745	100	0	17.910	/	Pass
		1770	100	0	17.930	/	Pass
	16QAM	1720	100	0	17.942	/	Pass
		1745	100	0	17.960	/	Pass
		1770	100	0	17.961	/	Pass

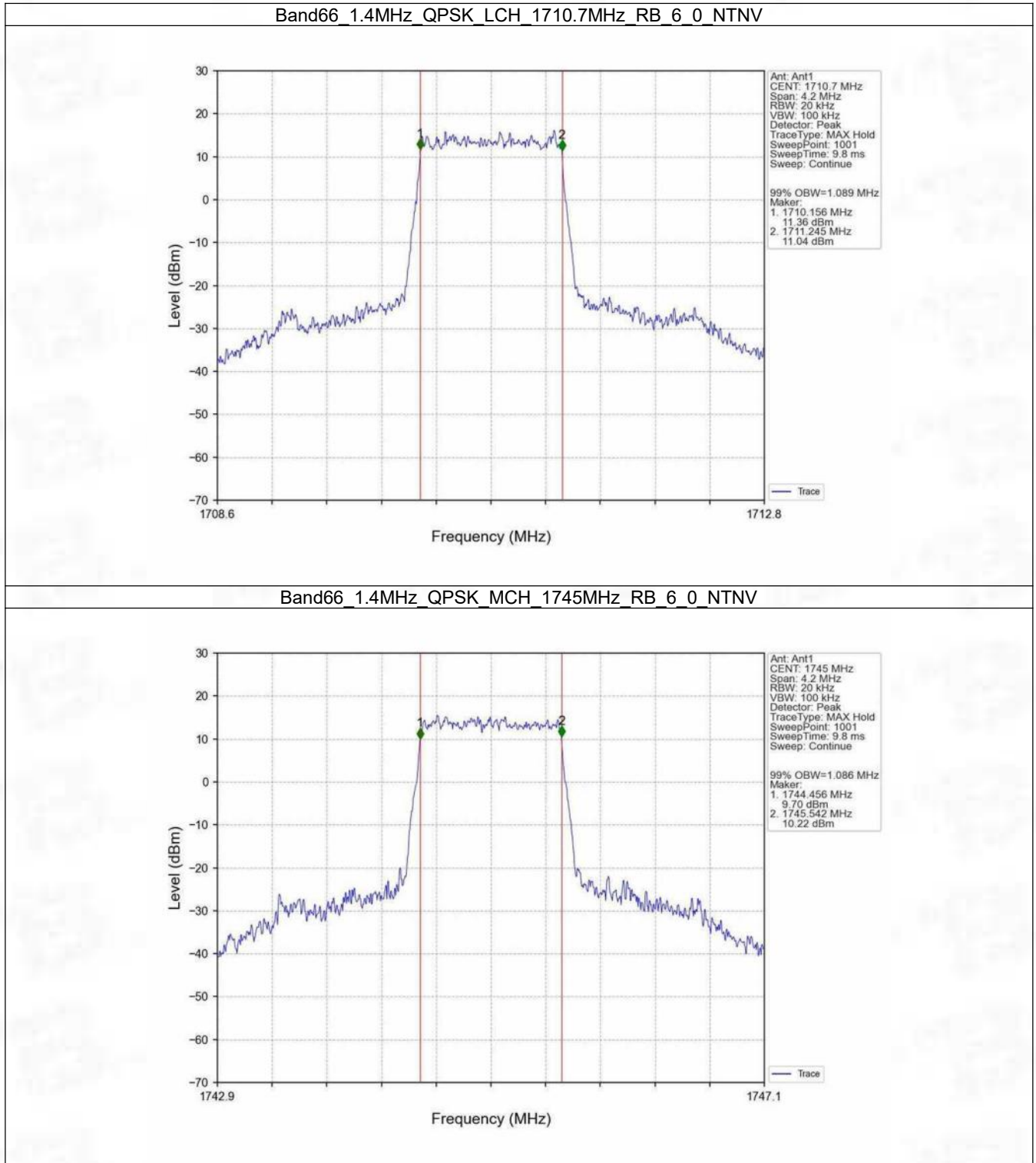
4.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.230	/	Pass
		1745	6	0	1.239	/	Pass
		1779.3	6	0	1.230	/	Pass

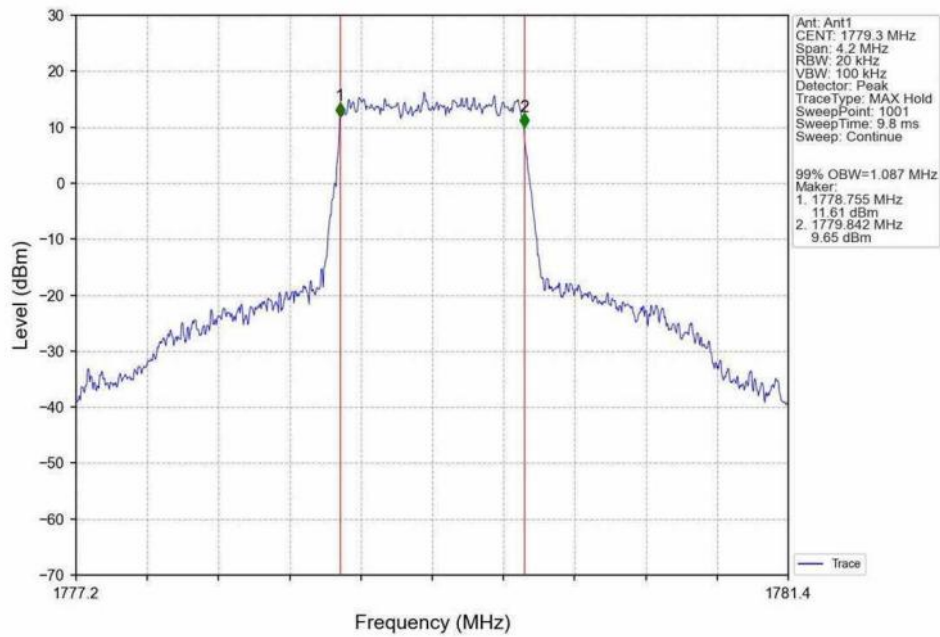
	16QAM	1710.7	6	0	1.238	/	Pass
		1745	6	0	1.234	/	Pass
		1779.3	6	0	1.255	/	Pass
3	QPSK	1711.5	15	0	2.989	/	Pass
		1745	15	0	2.997	/	Pass
		1778.5	15	0	2.978	/	Pass
	16QAM	1711.5	15	0	3.007	/	Pass
		1745	15	0	2.986	/	Pass
		1778.5	15	0	2.985	/	Pass
5	QPSK	1712.5	25	0	4.990	/	Pass
		1745	25	0	5.011	/	Pass
		1777.5	25	0	4.958	/	Pass
	16QAM	1712.5	25	0	5.003	/	Pass
		1745	25	0	4.987	/	Pass
		1777.5	25	0	4.971	/	Pass
10	QPSK	1715	50	0	9.761	/	Pass
		1745	50	0	9.716	/	Pass
		1775	50	0	9.750	/	Pass
	16QAM	1715	50	0	9.762	/	Pass
		1745	50	0	9.743	/	Pass
		1775	50	0	9.822	/	Pass
15	QPSK	1717.5	75	0	14.736	/	Pass
		1745	75	0	14.677	/	Pass
		1772.5	75	0	14.803	/	Pass
	16QAM	1717.5	75	0	14.635	/	Pass
		1745	75	0	14.773	/	Pass
		1772.5	75	0	14.818	/	Pass
20	QPSK	1720	100	0	19.466	/	Pass
		1745	100	0	19.387	/	Pass
		1770	100	0	19.327	/	Pass
	16QAM	1720	100	0	19.560	/	Pass
		1745	100	0	19.486	/	Pass
		1770	100	0	19.462	/	Pass

4.2 Test Graph

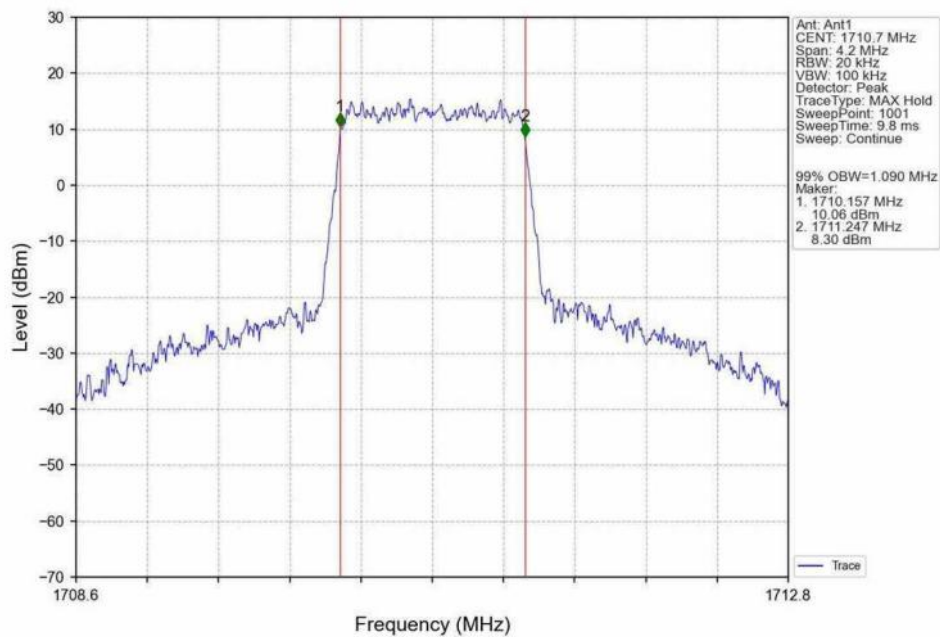
4.2.1 Band66_OBW



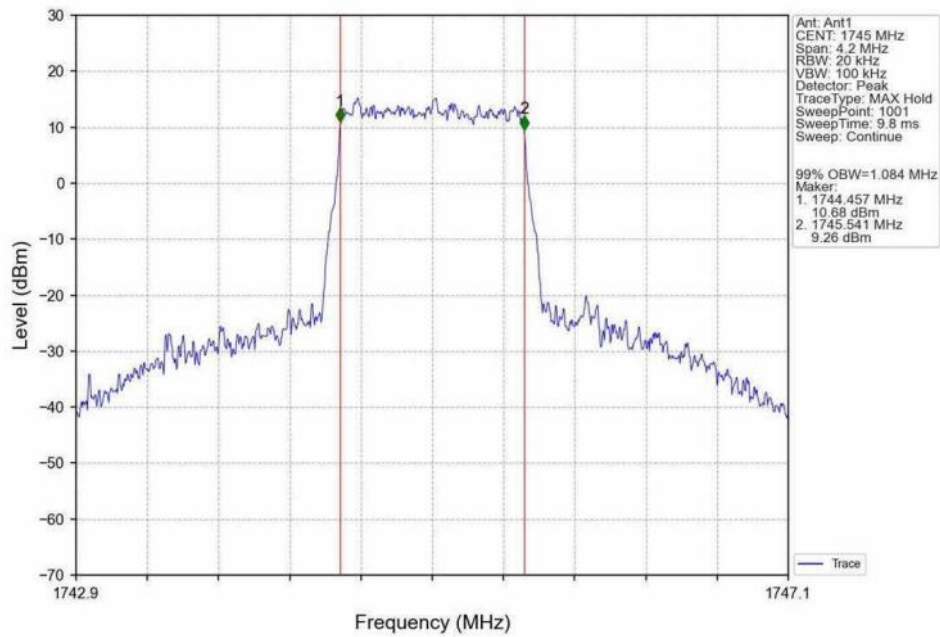
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



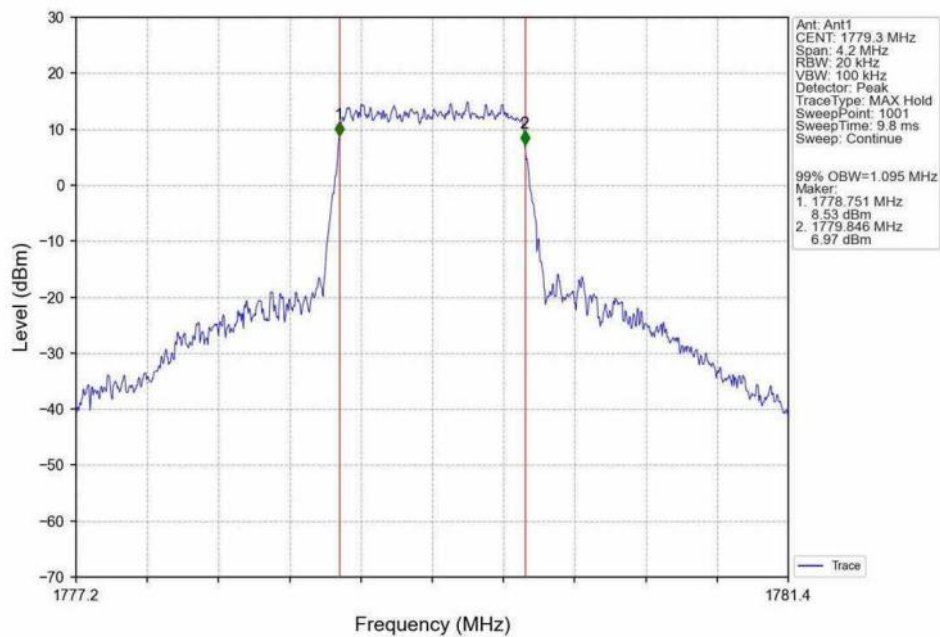
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



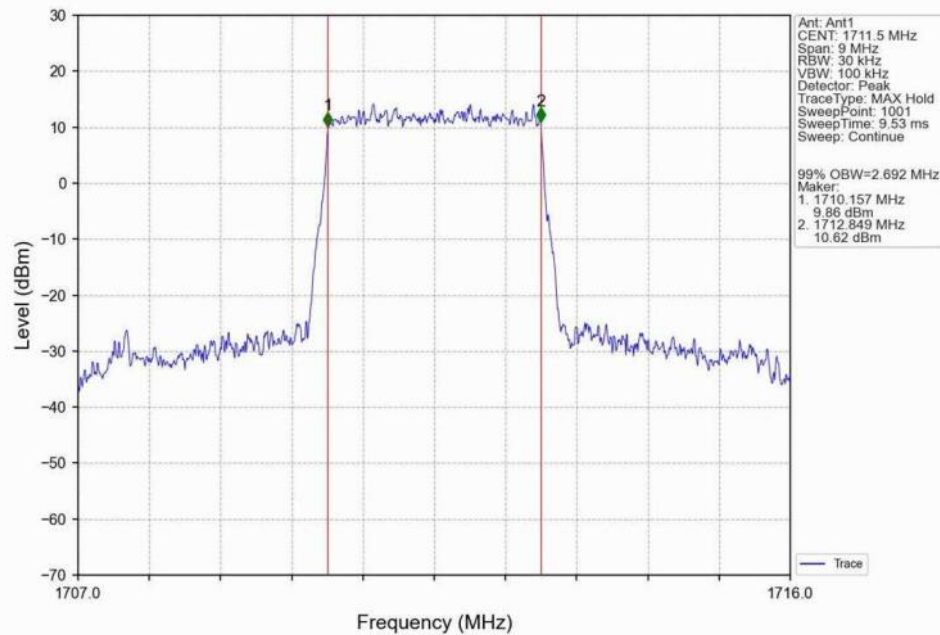
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



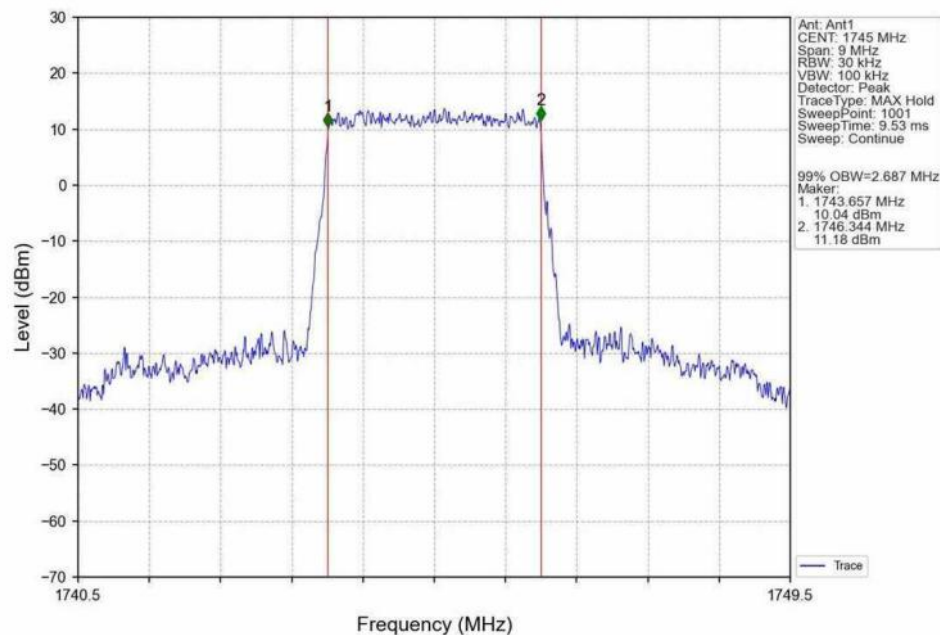
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



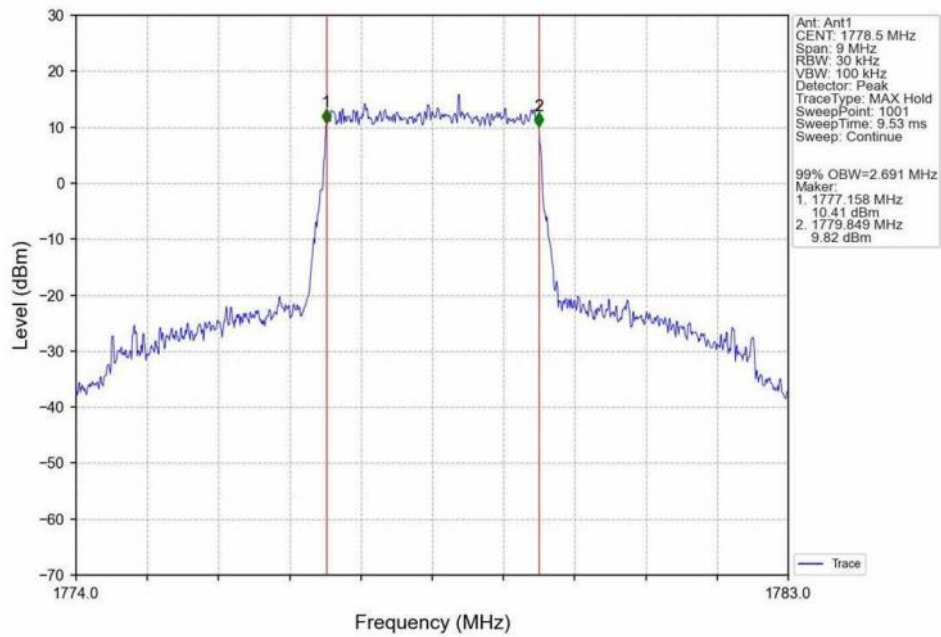
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



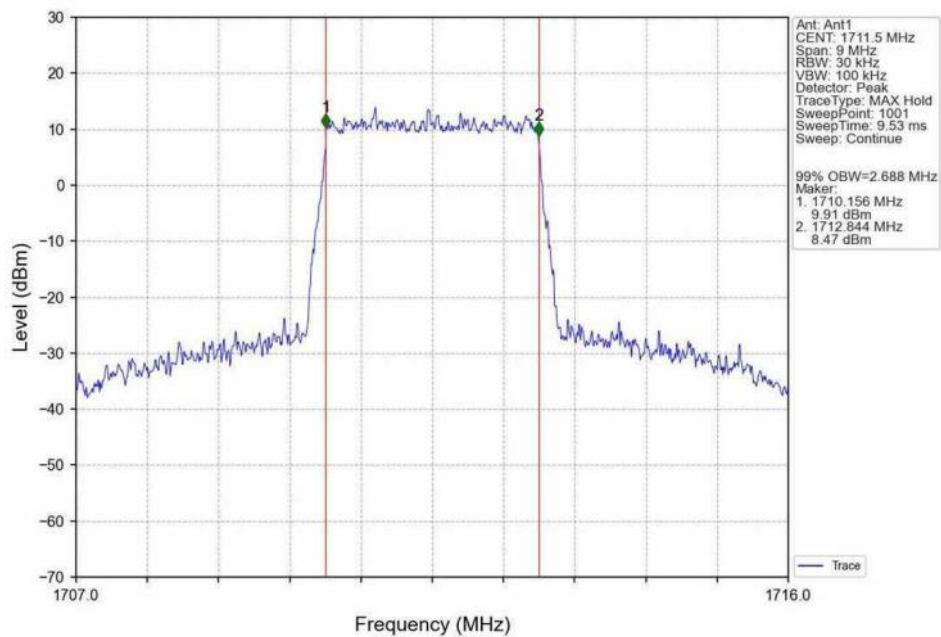
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



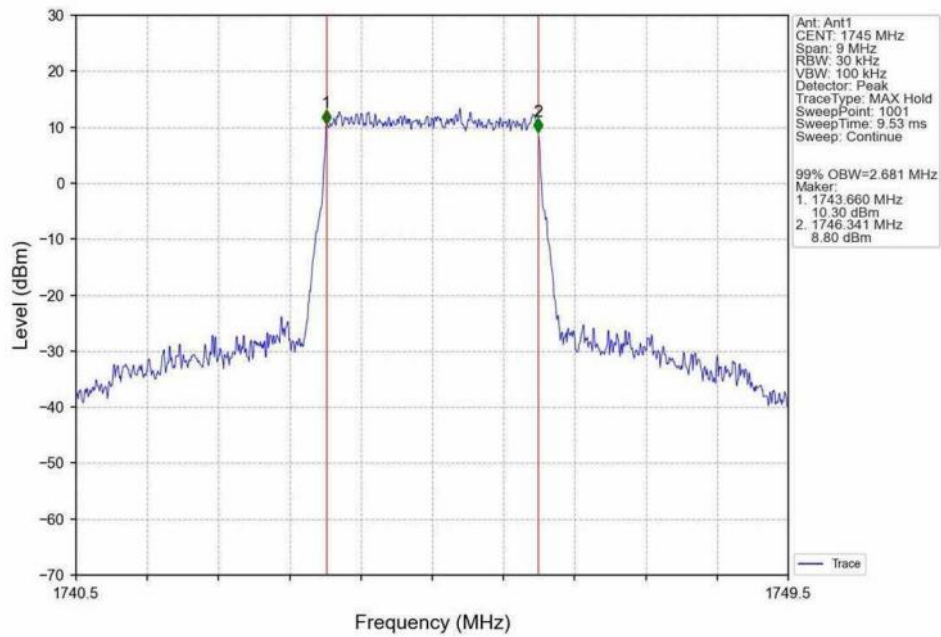
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



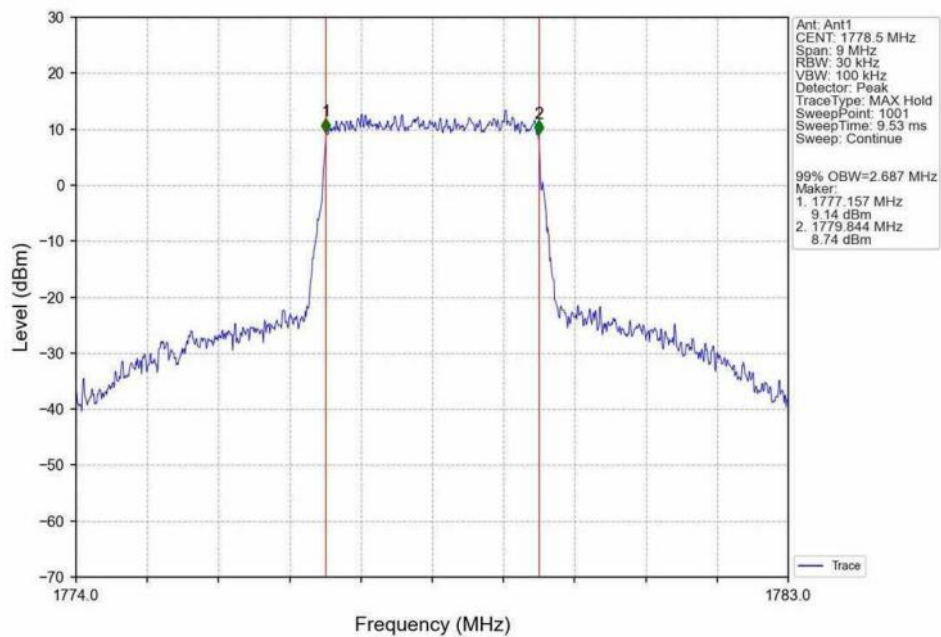
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



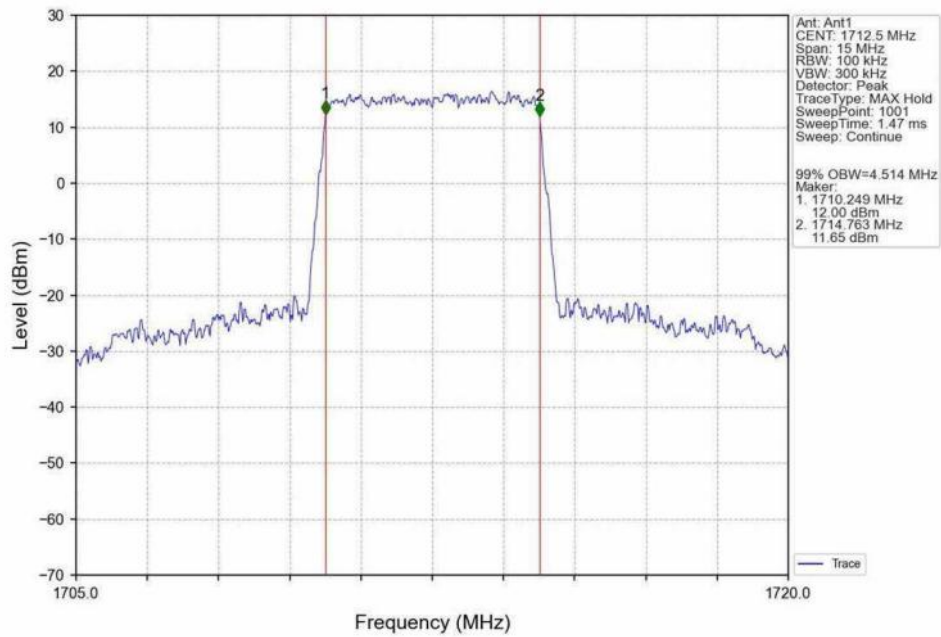
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



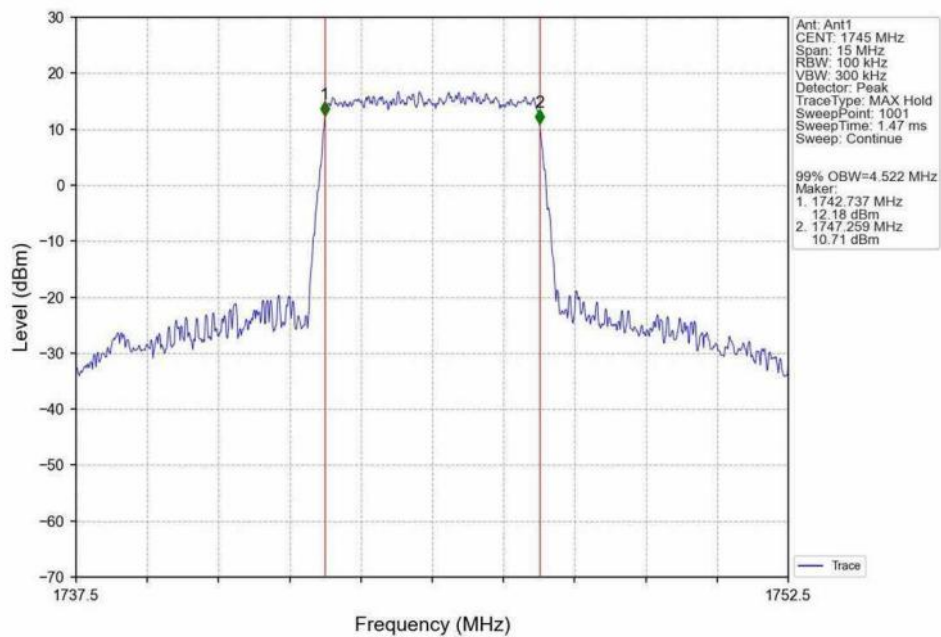
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



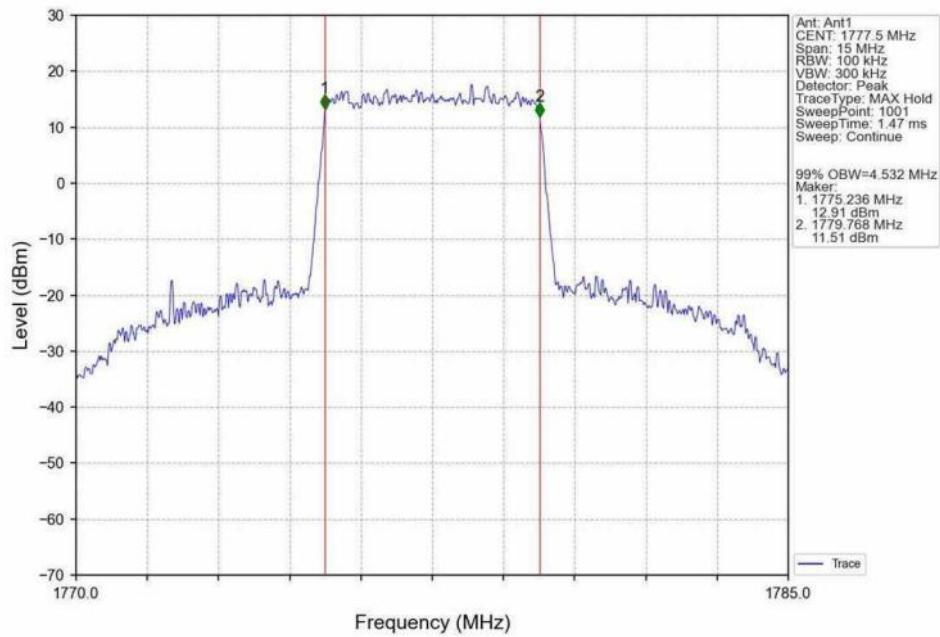
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



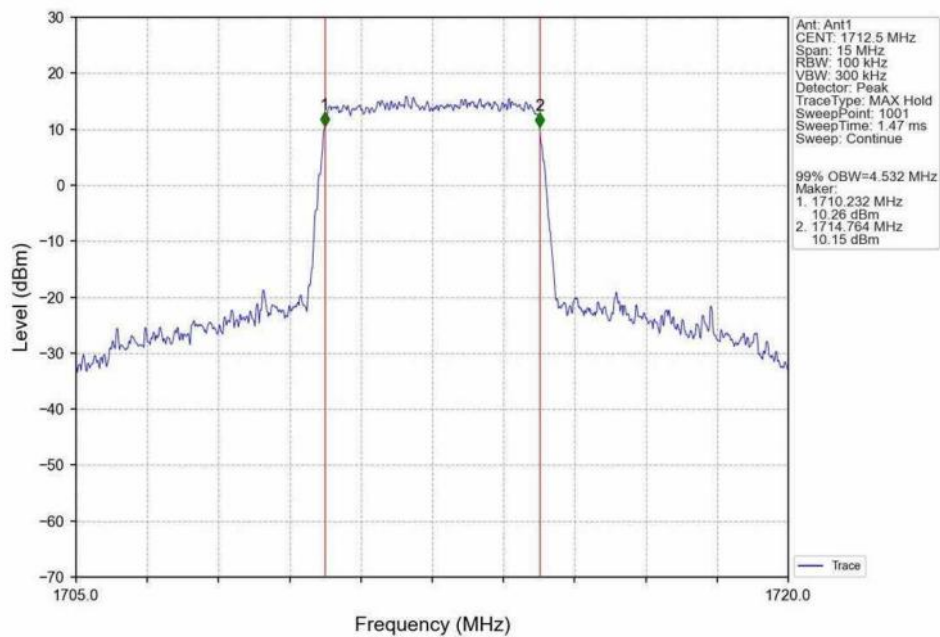
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



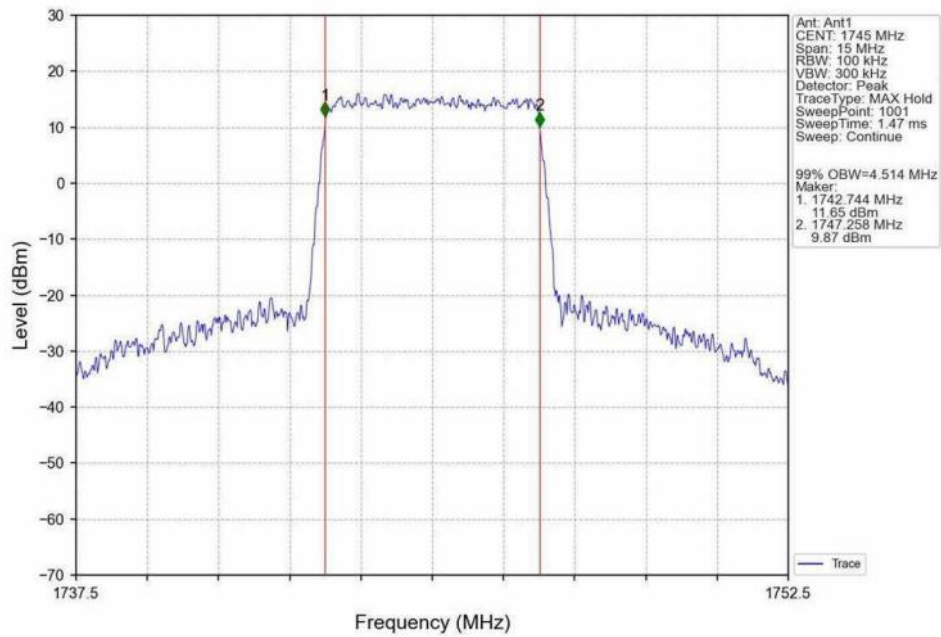
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



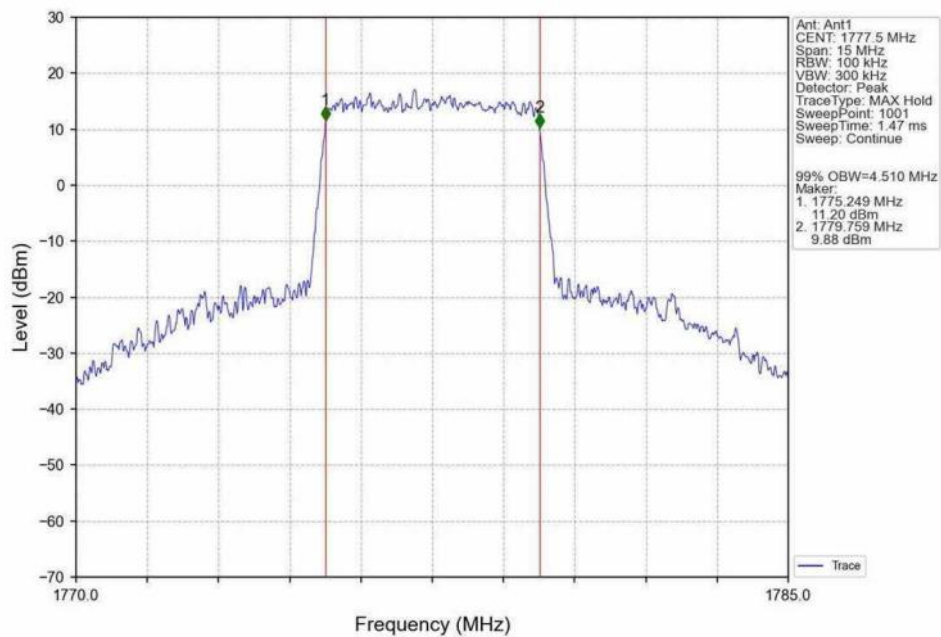
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



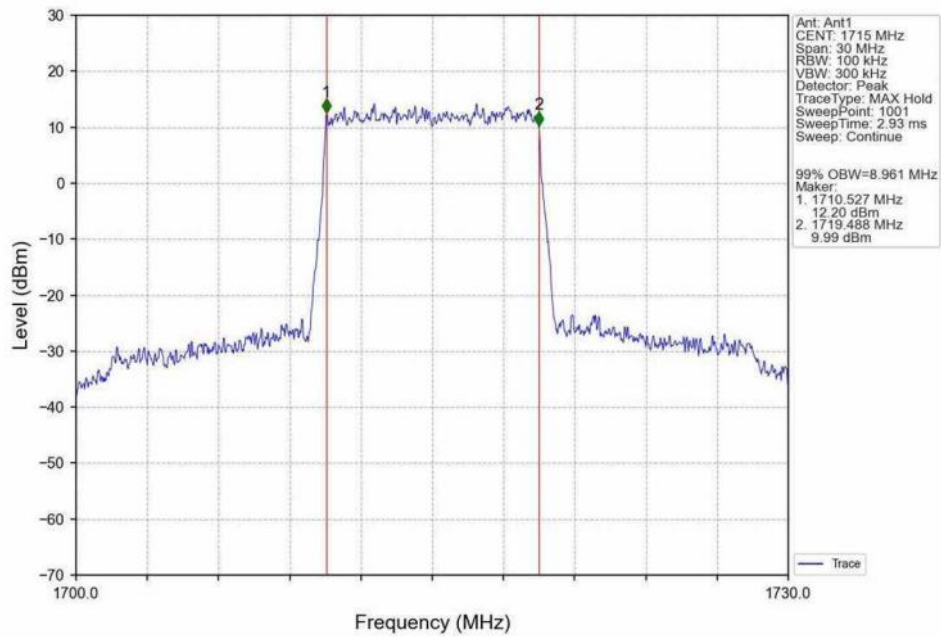
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



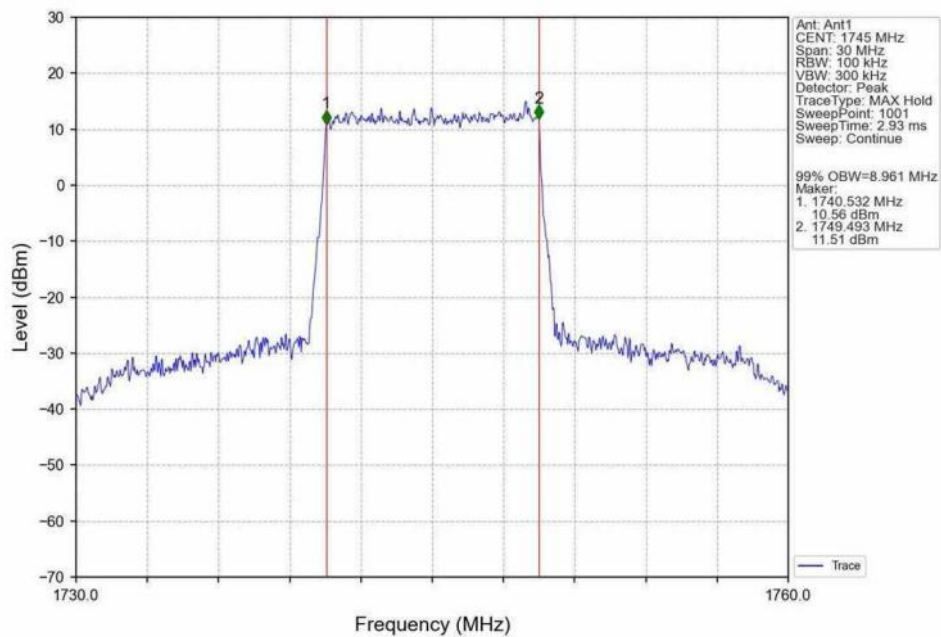
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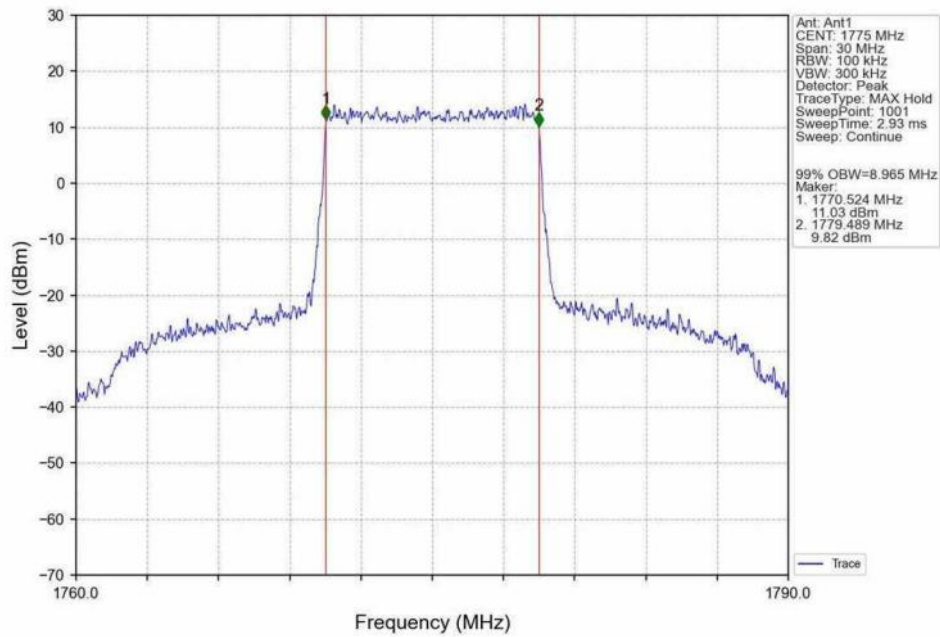
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



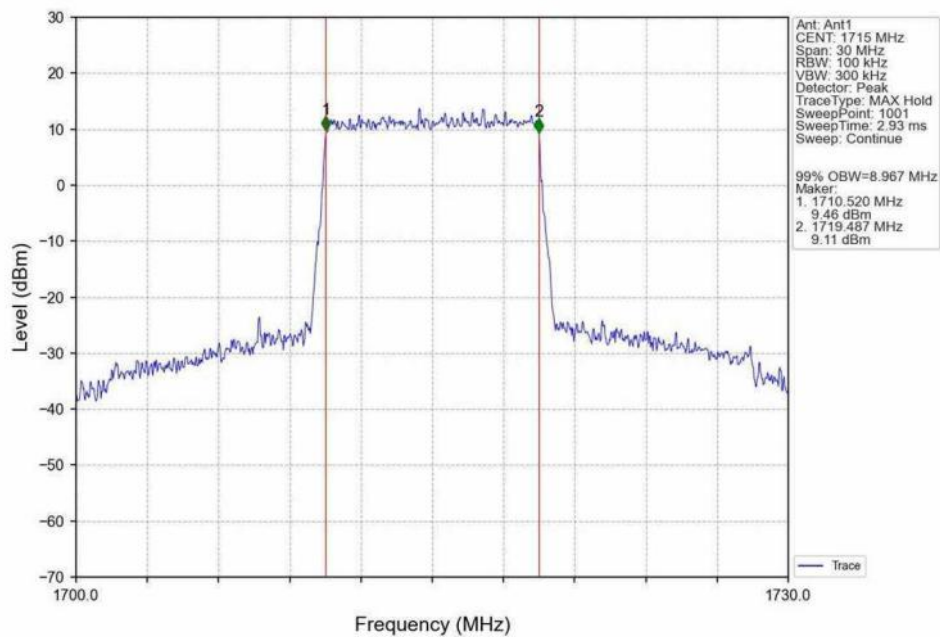
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



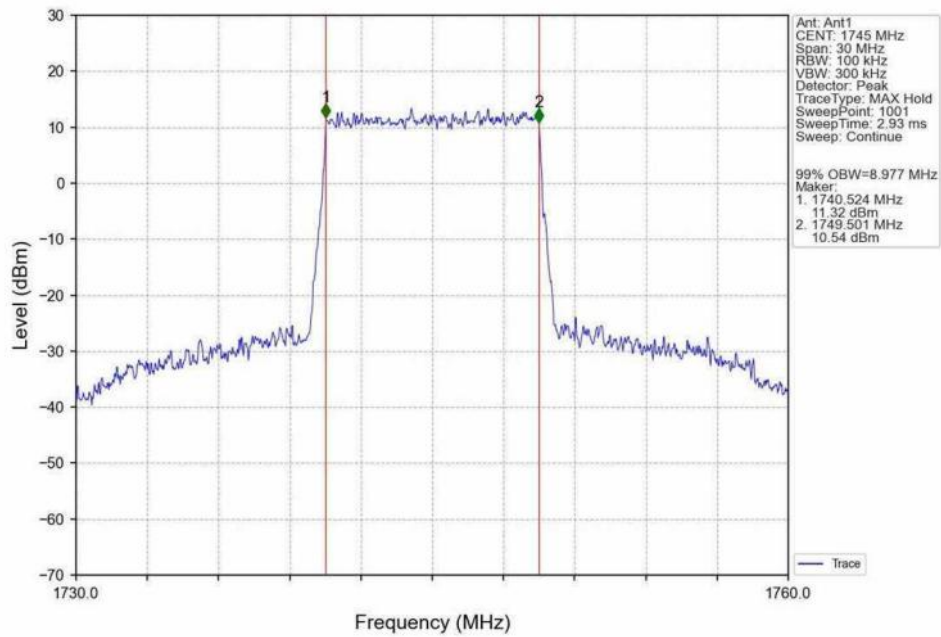
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



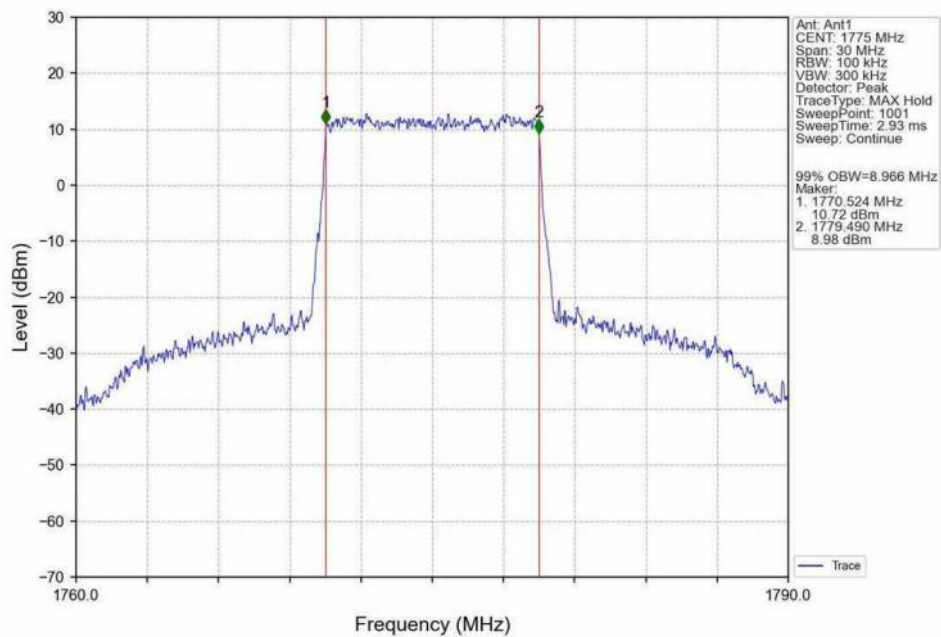
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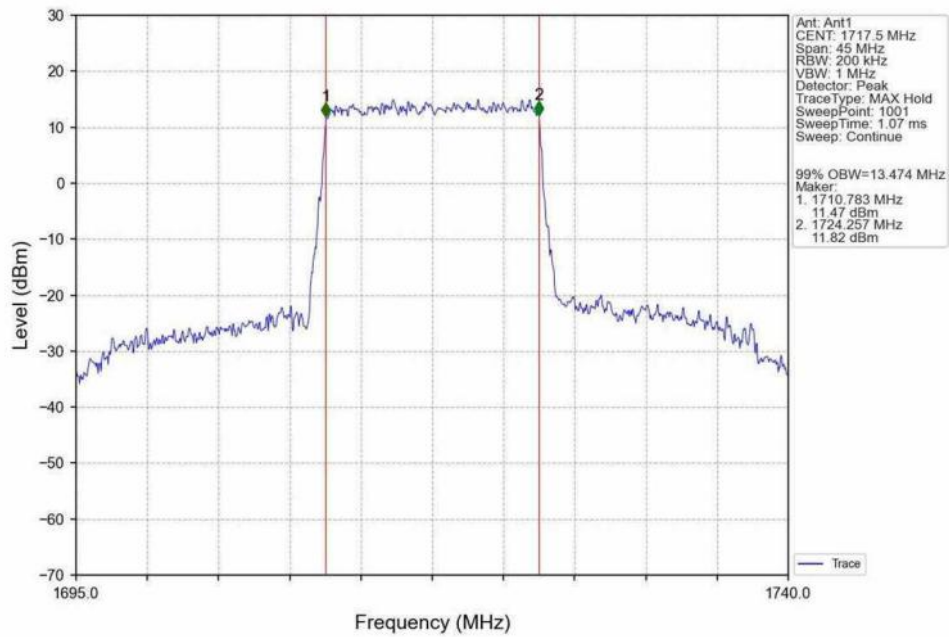
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



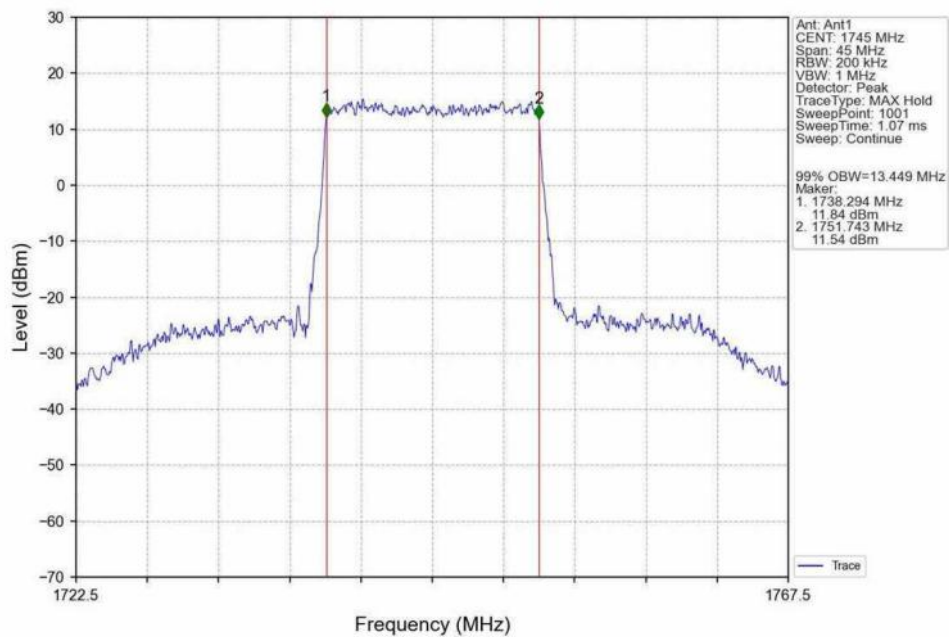
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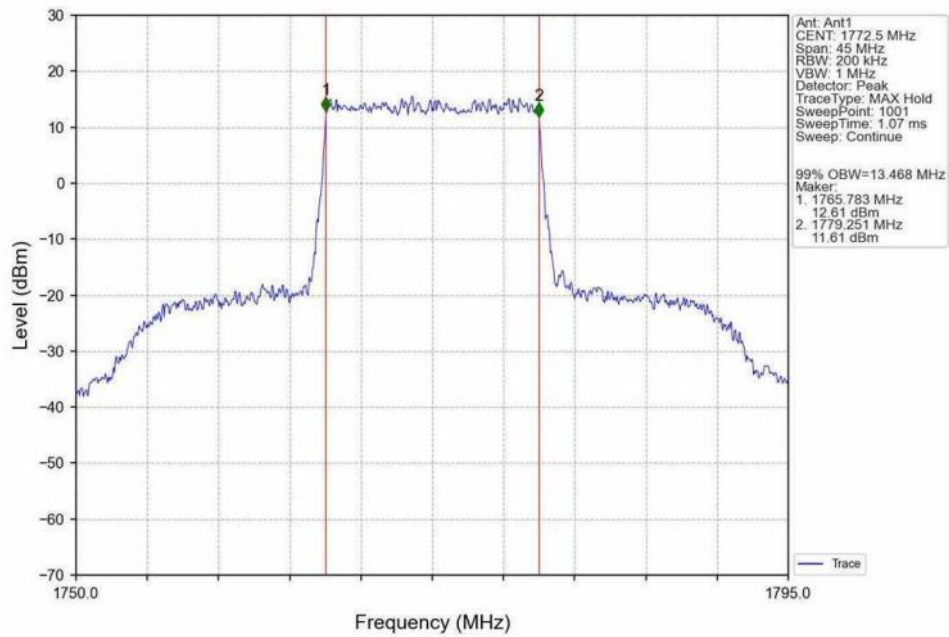
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



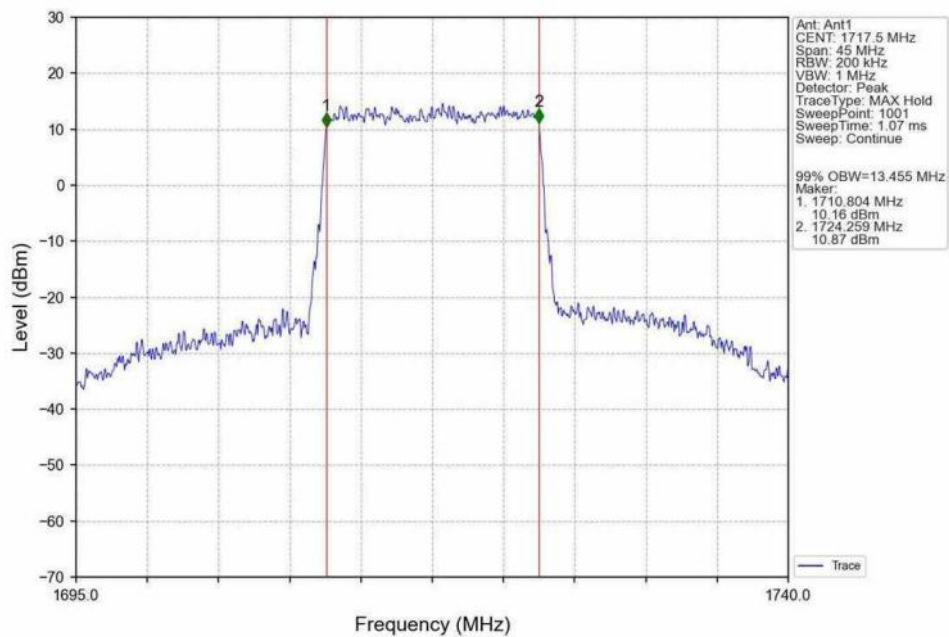
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



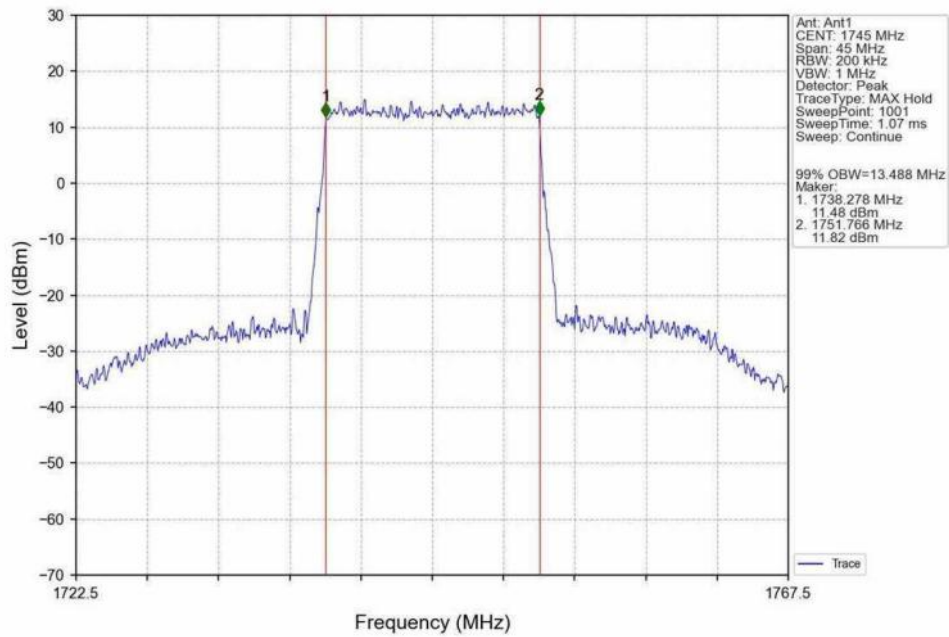
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



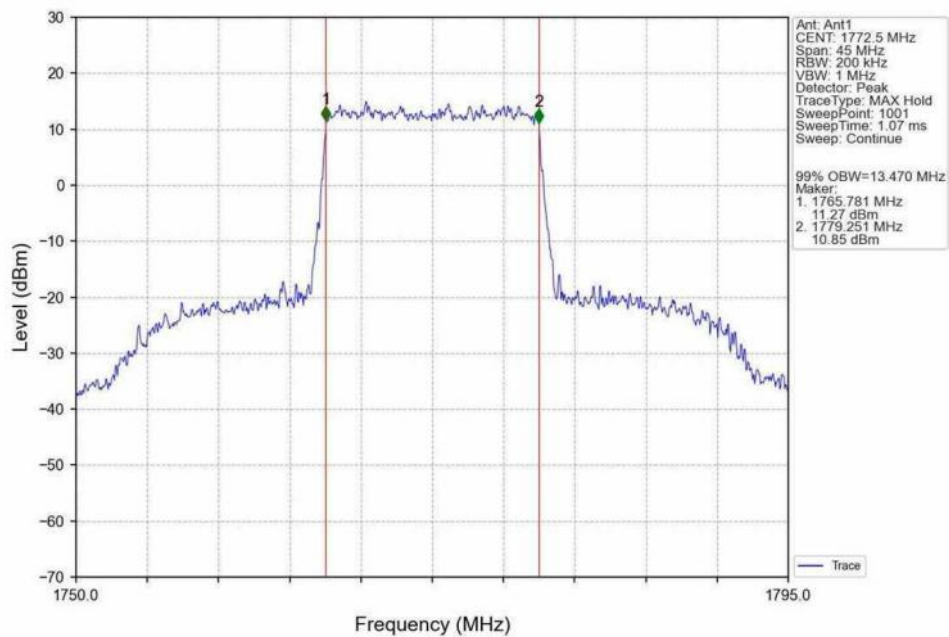
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



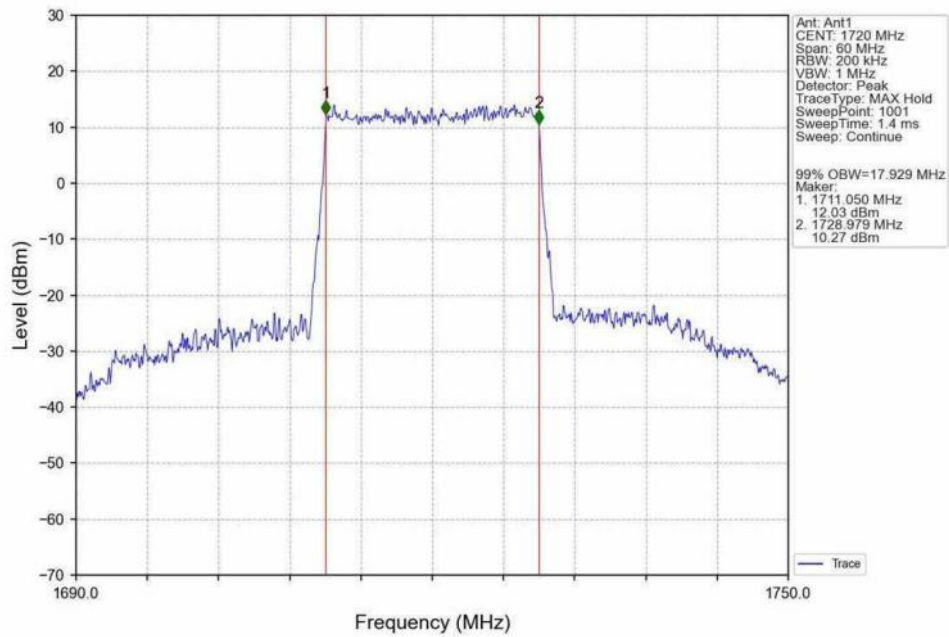
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



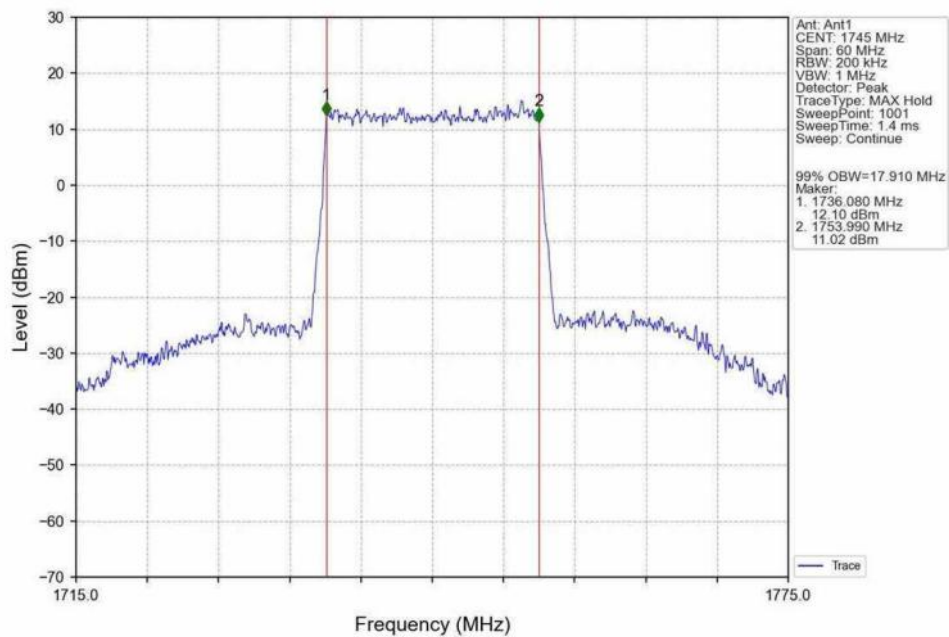
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



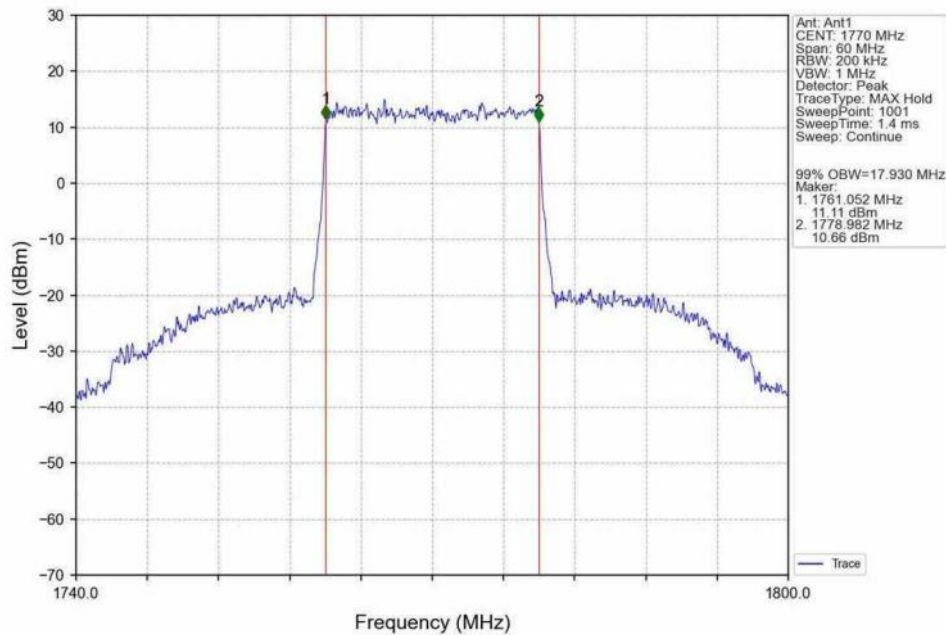
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



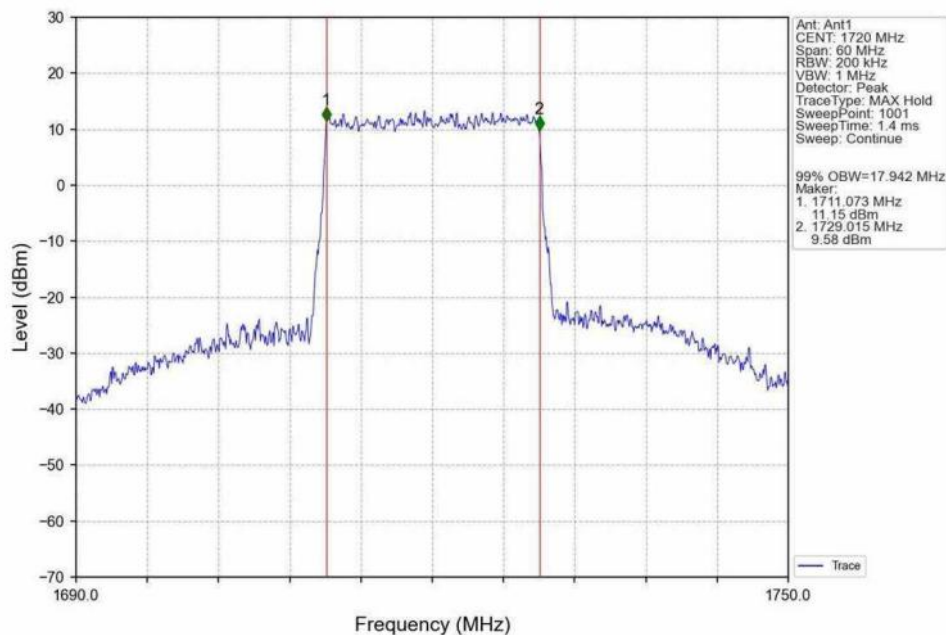
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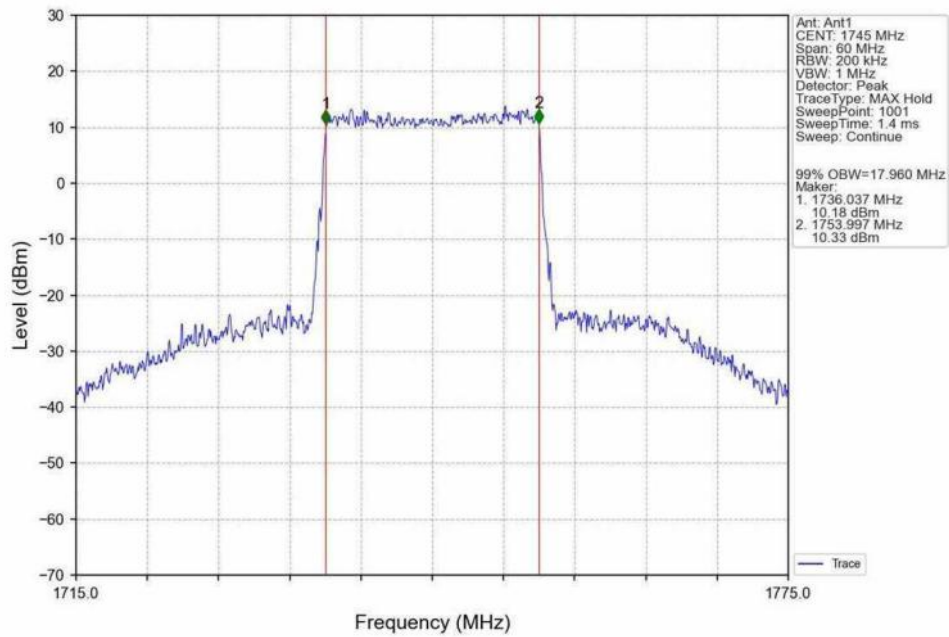
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



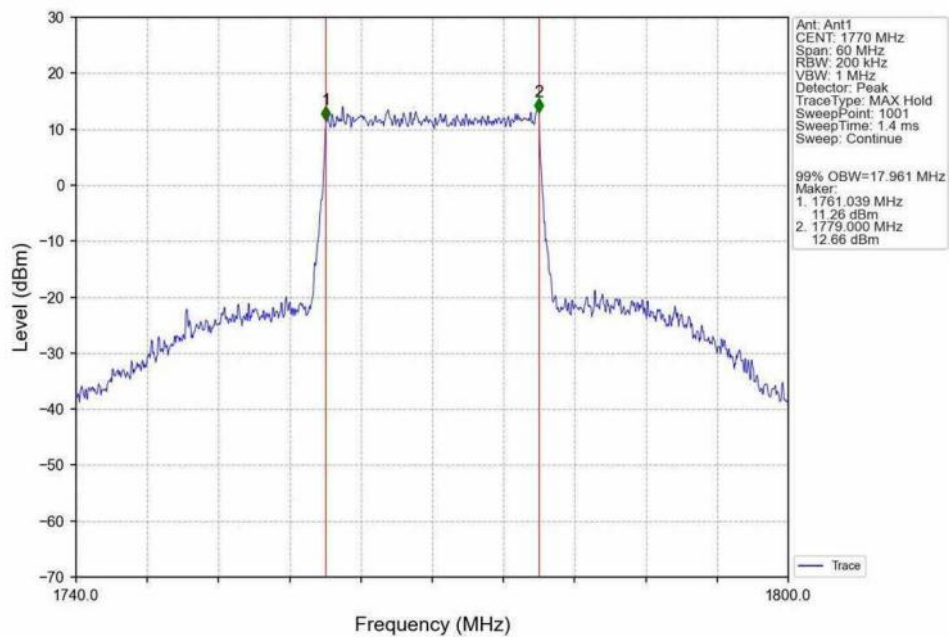
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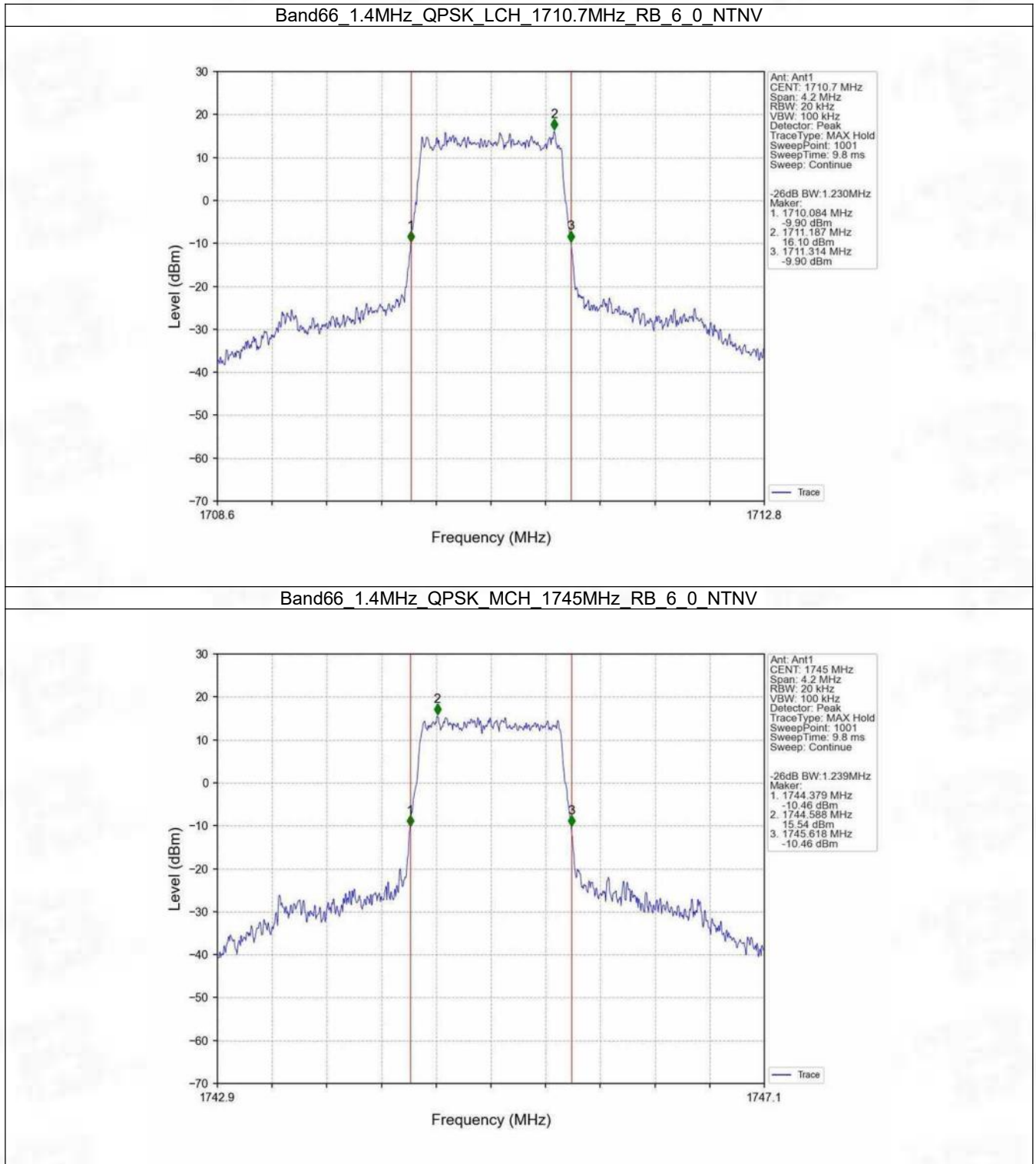
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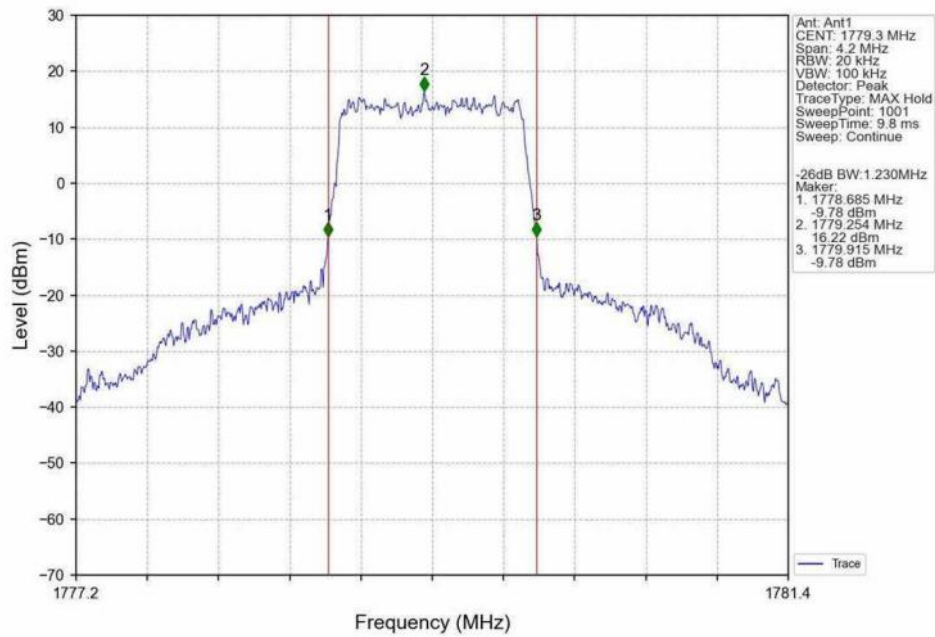
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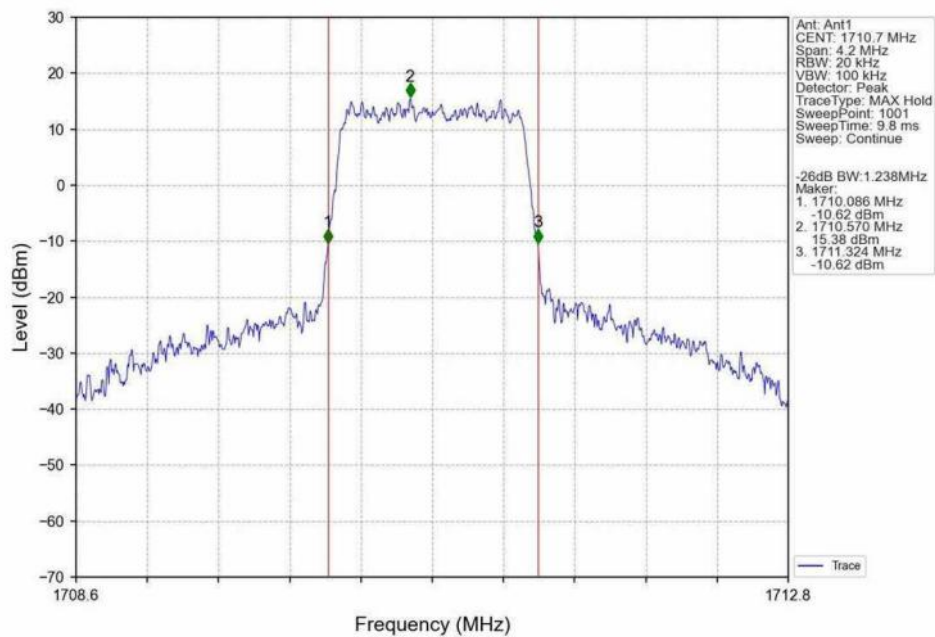
4.2.2 Band66_XDB



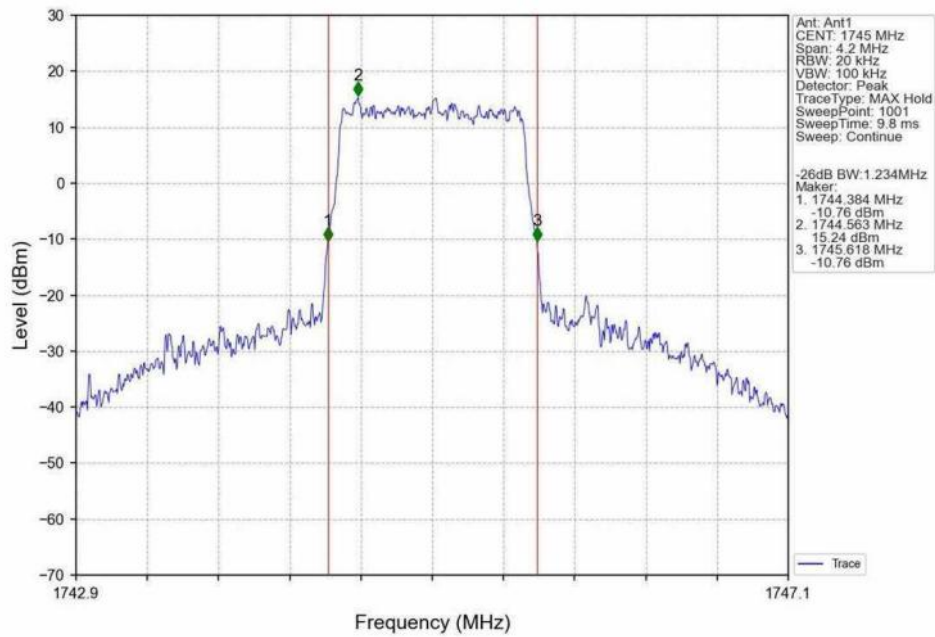
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



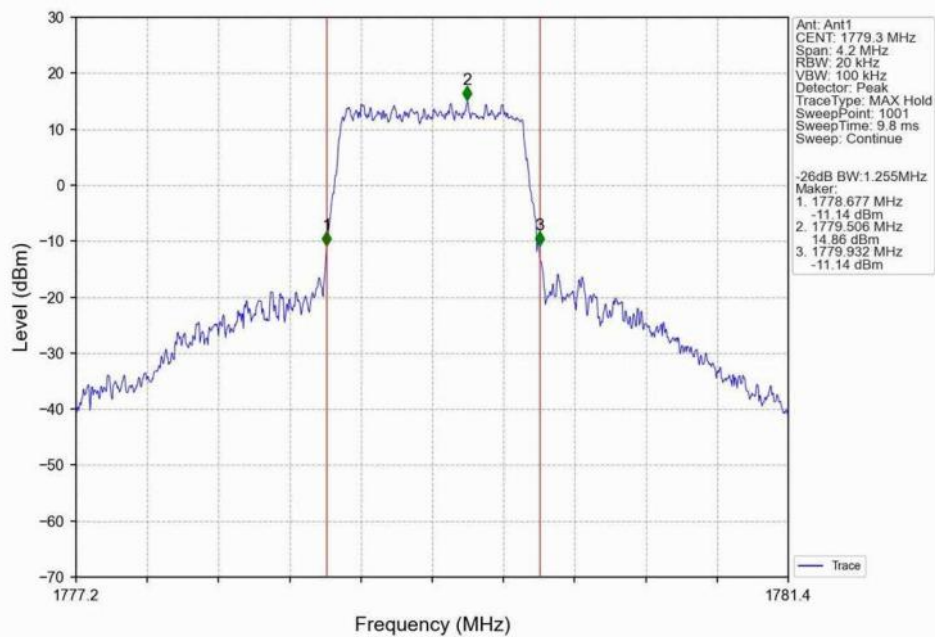
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



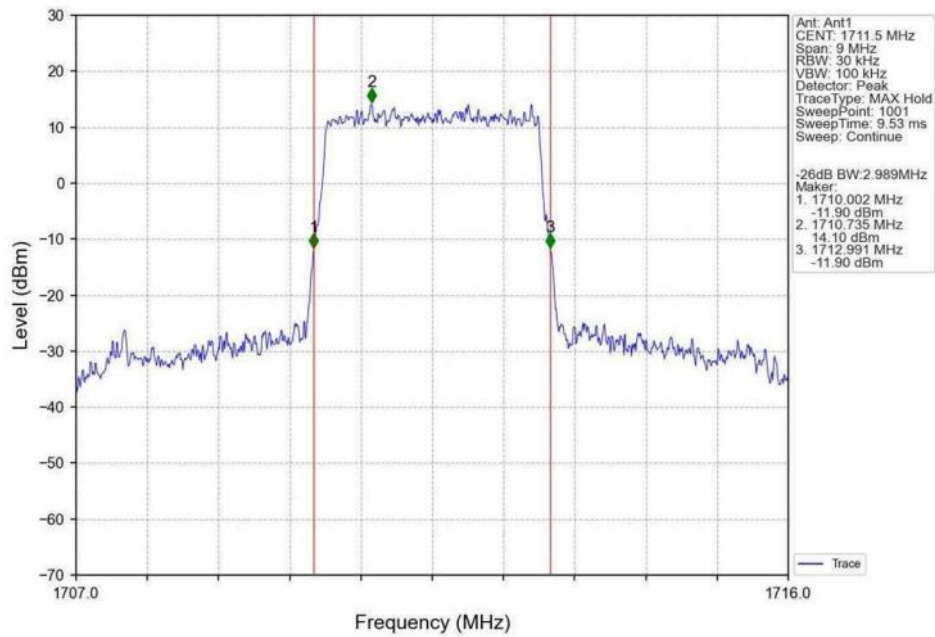
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



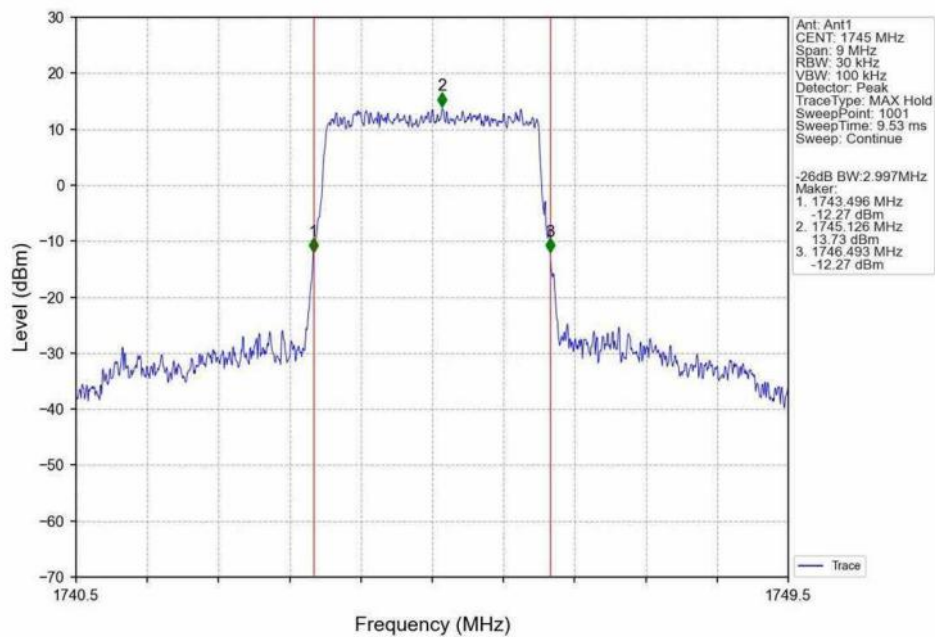
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



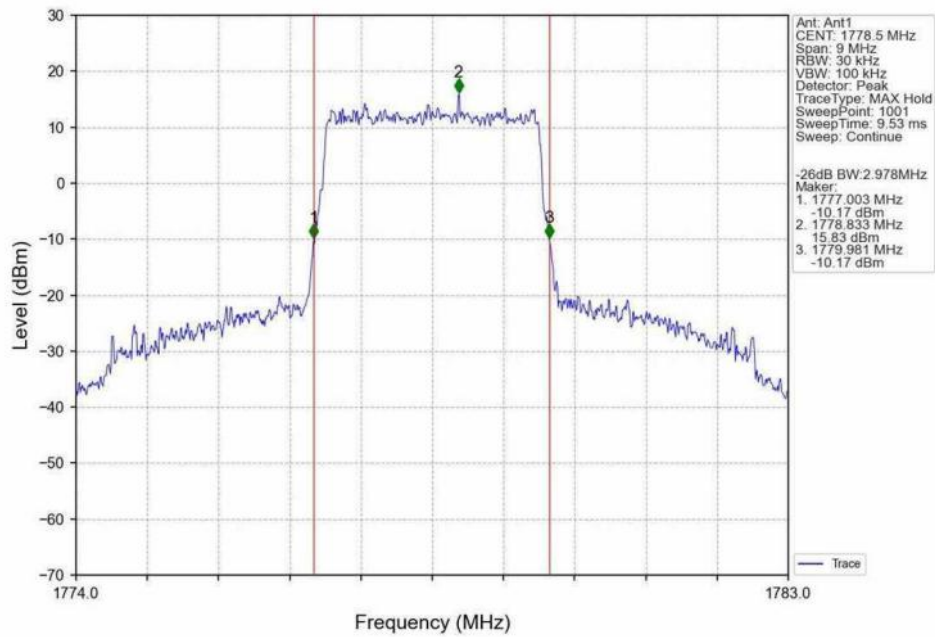
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



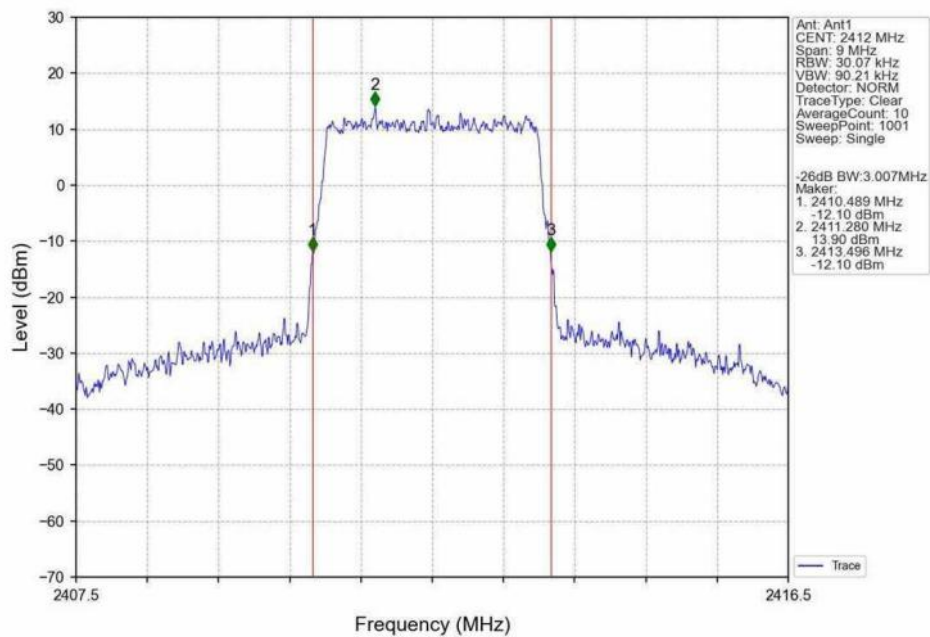
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



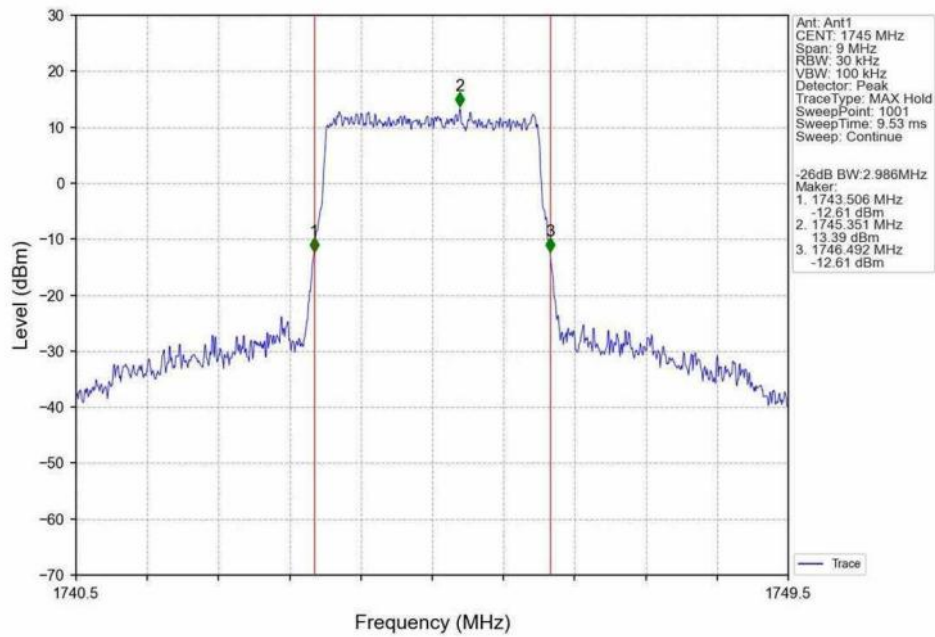
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



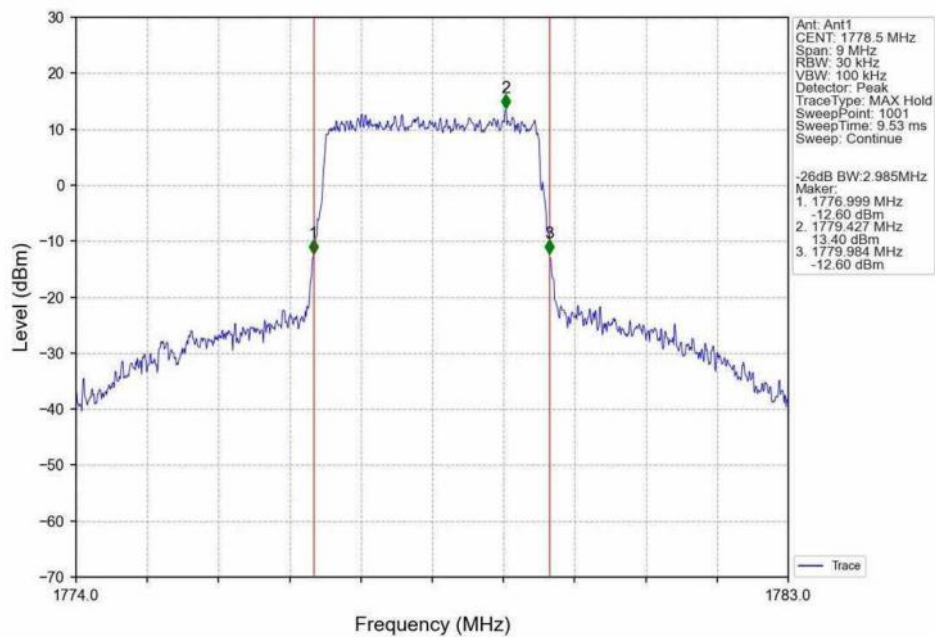
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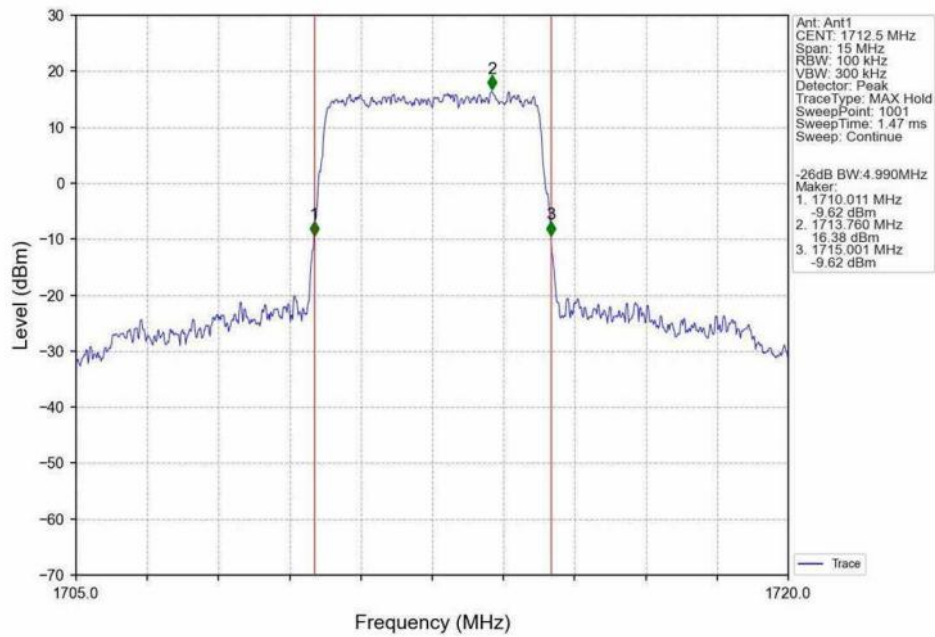
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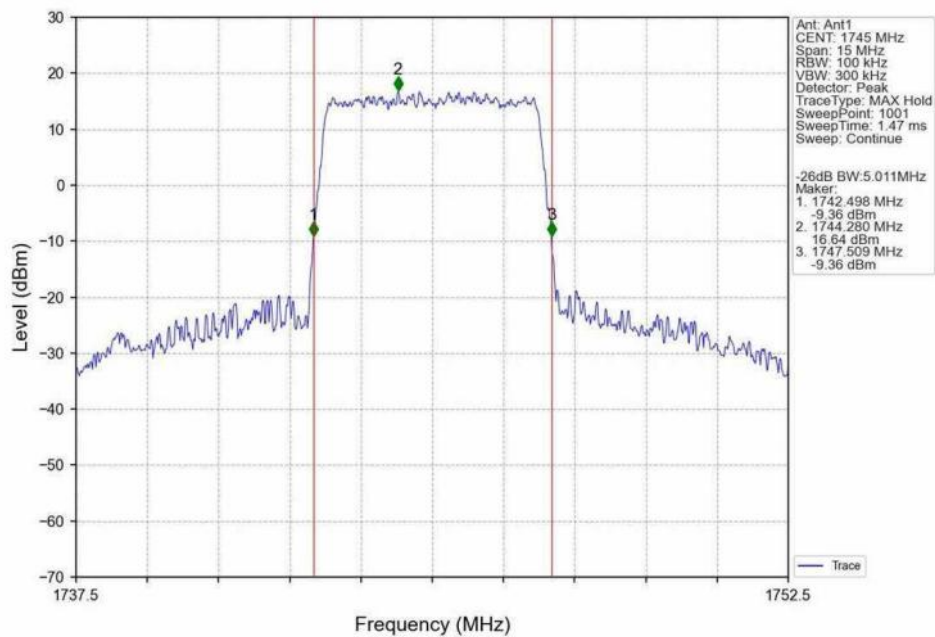
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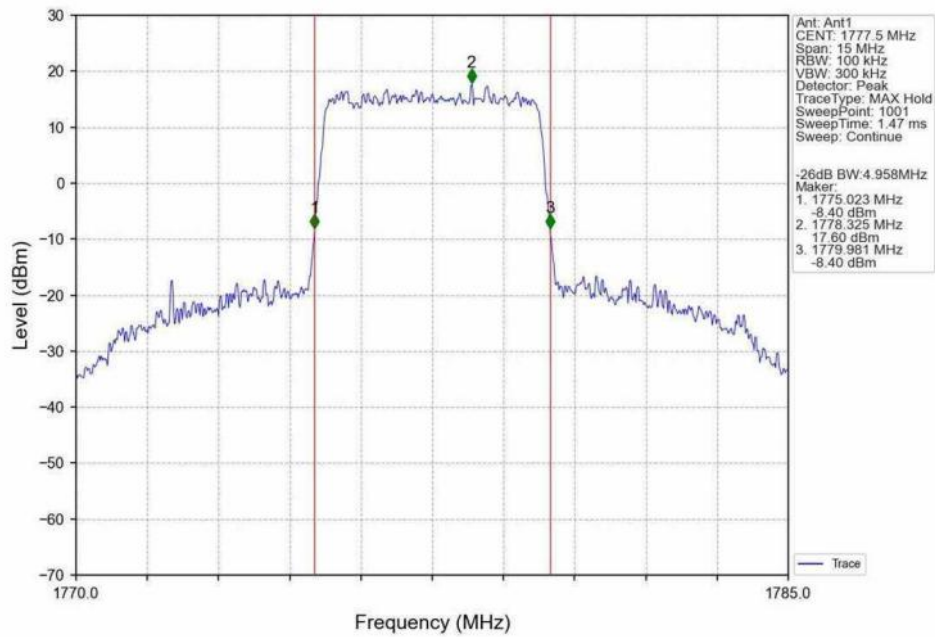
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



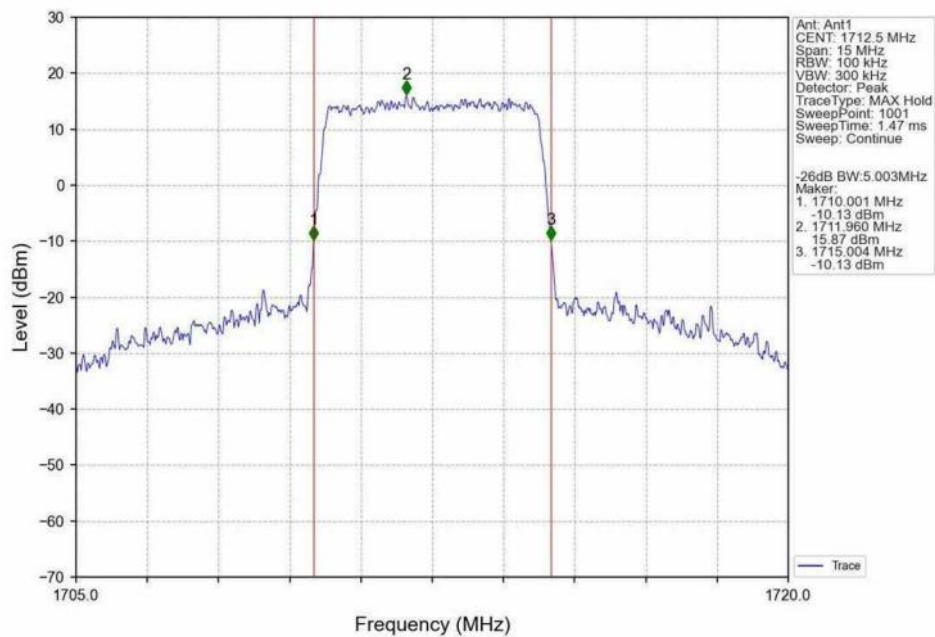
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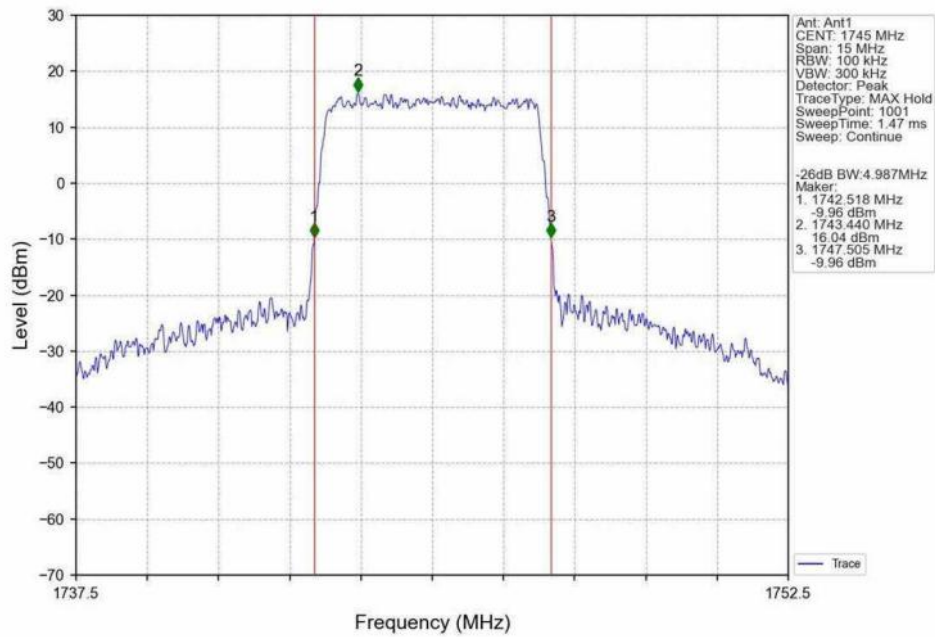
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



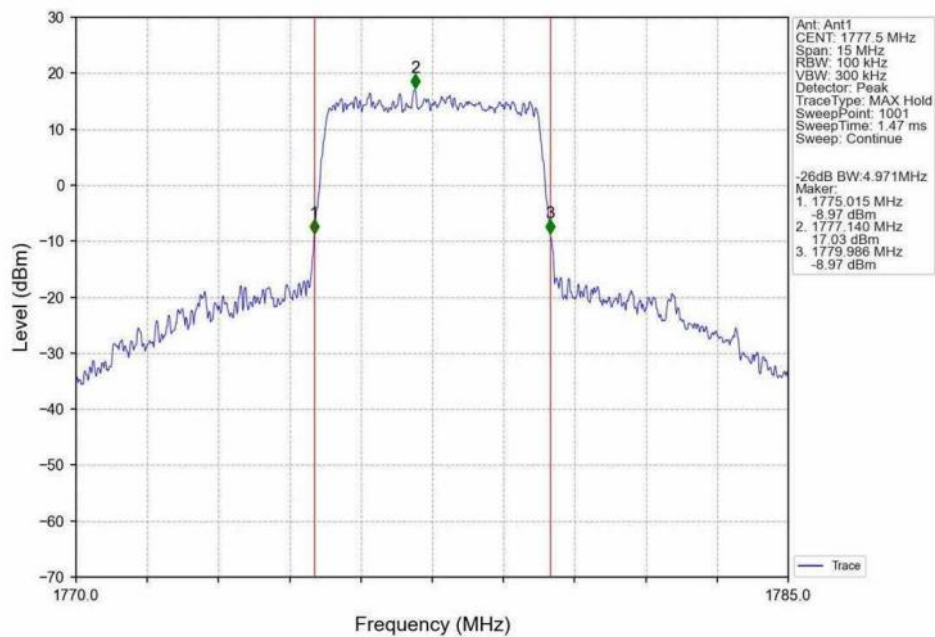
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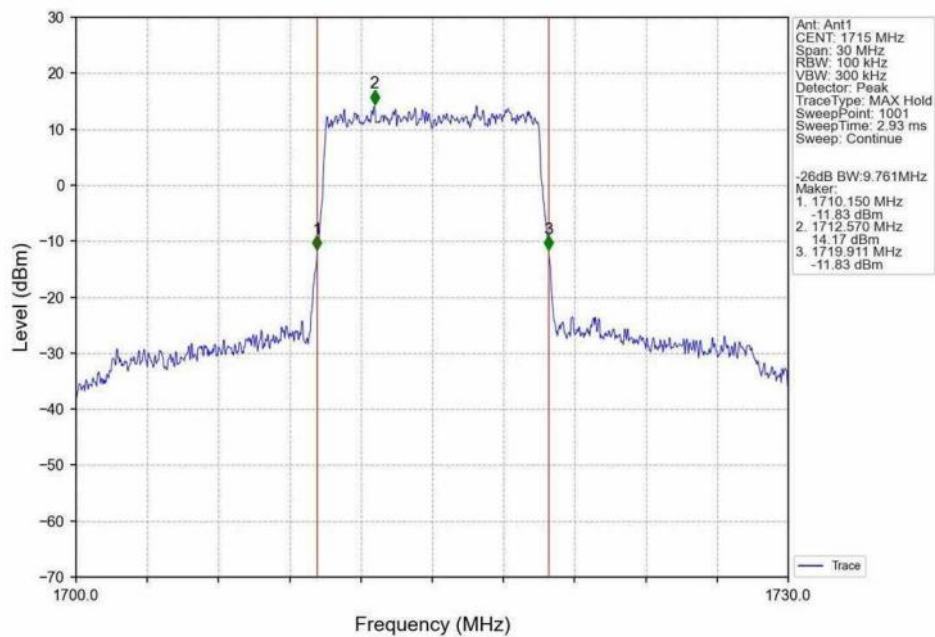
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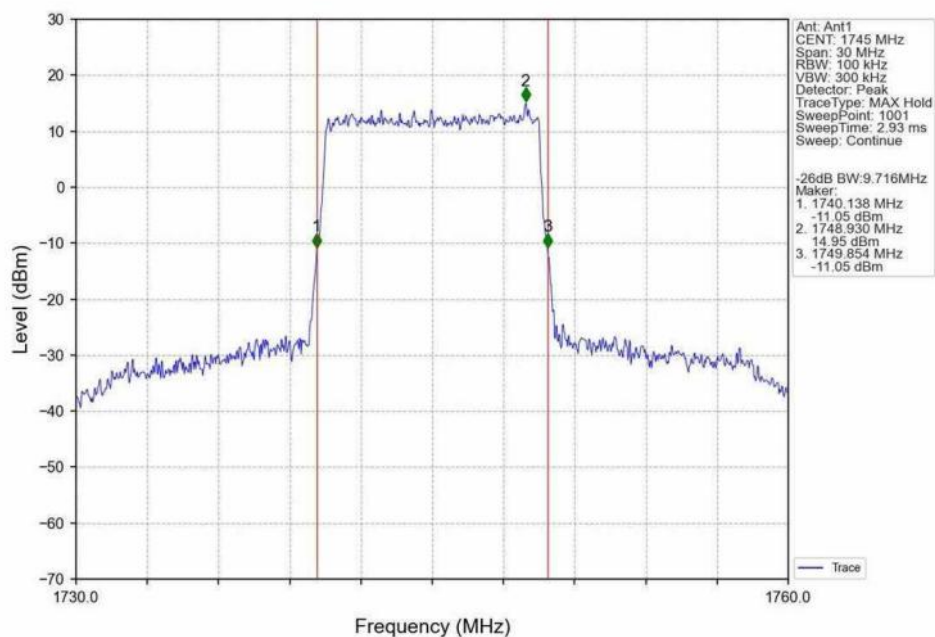
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



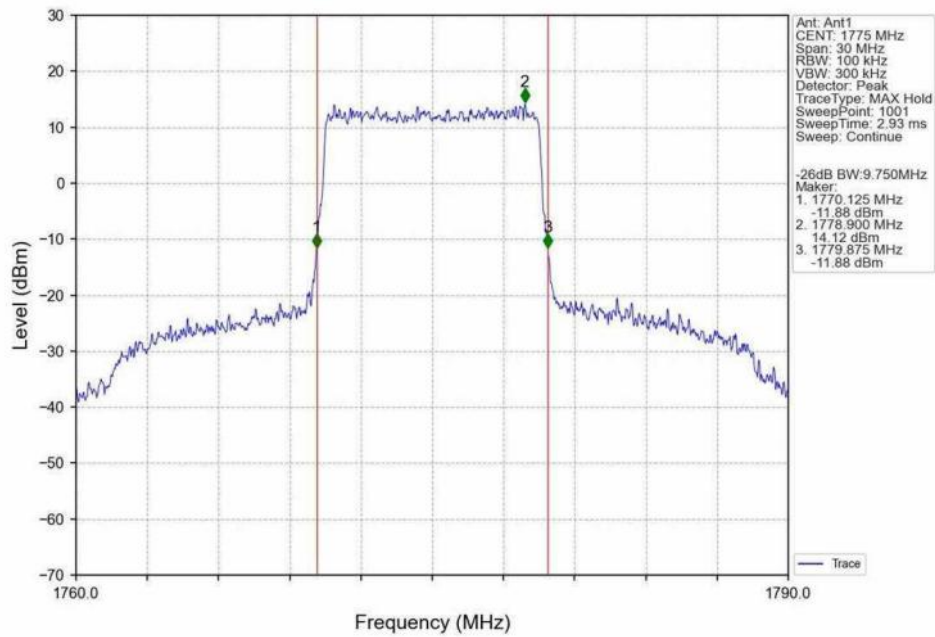
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



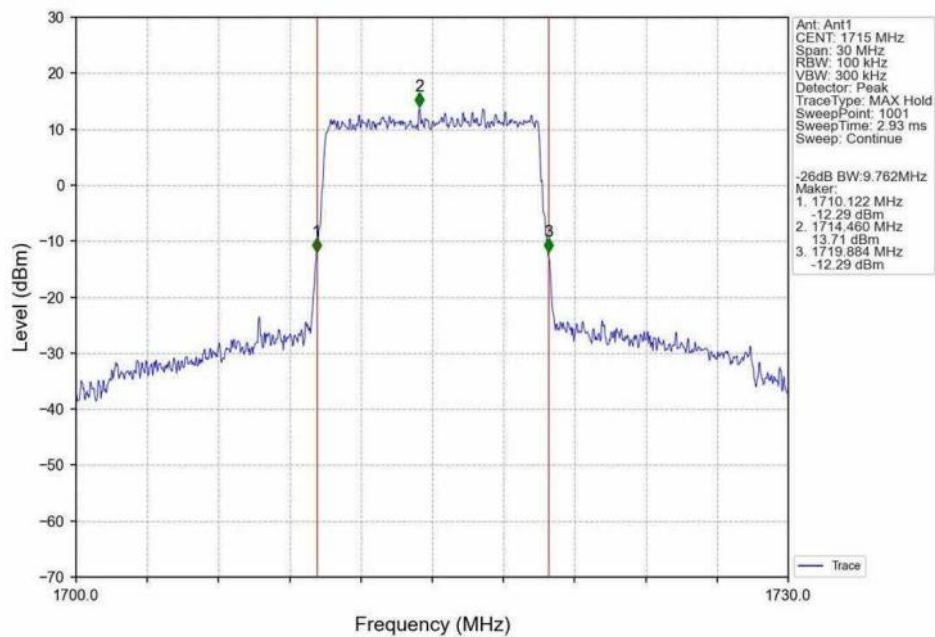
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



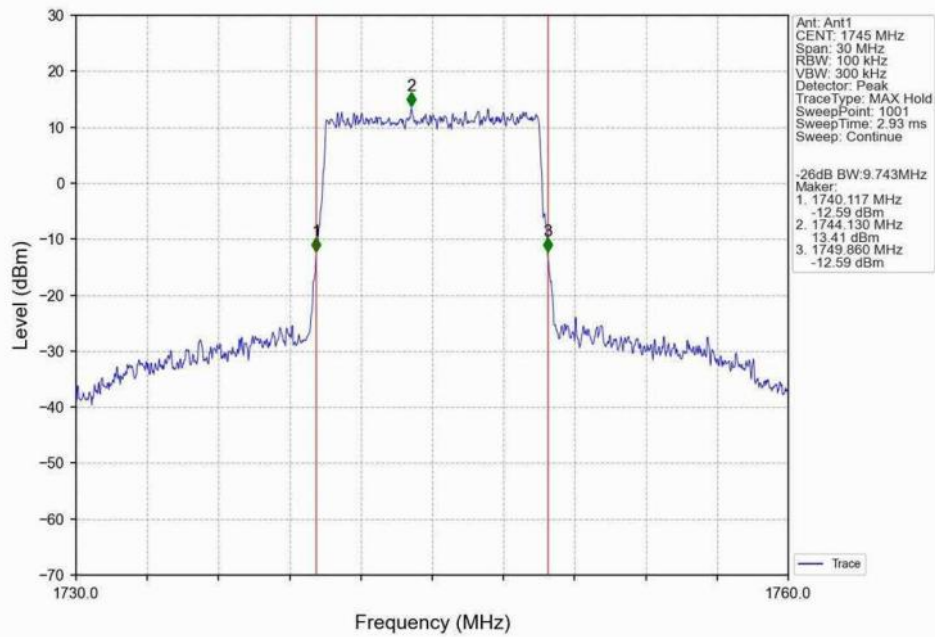
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



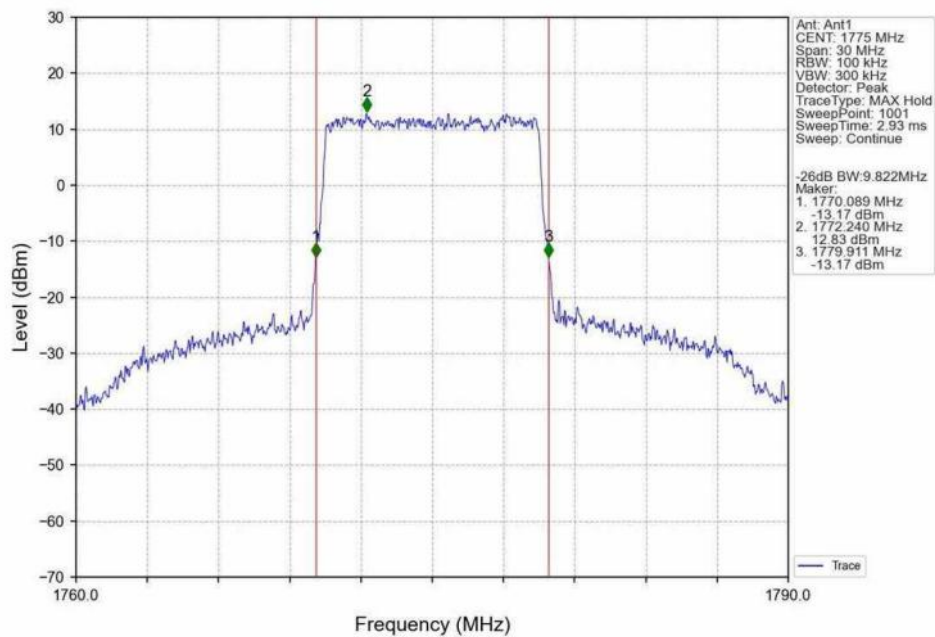
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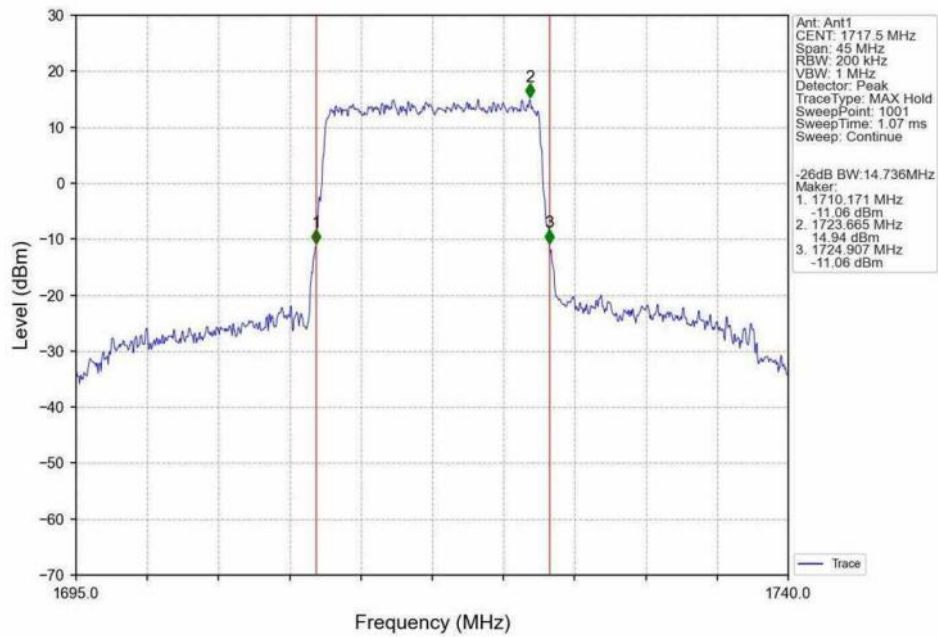
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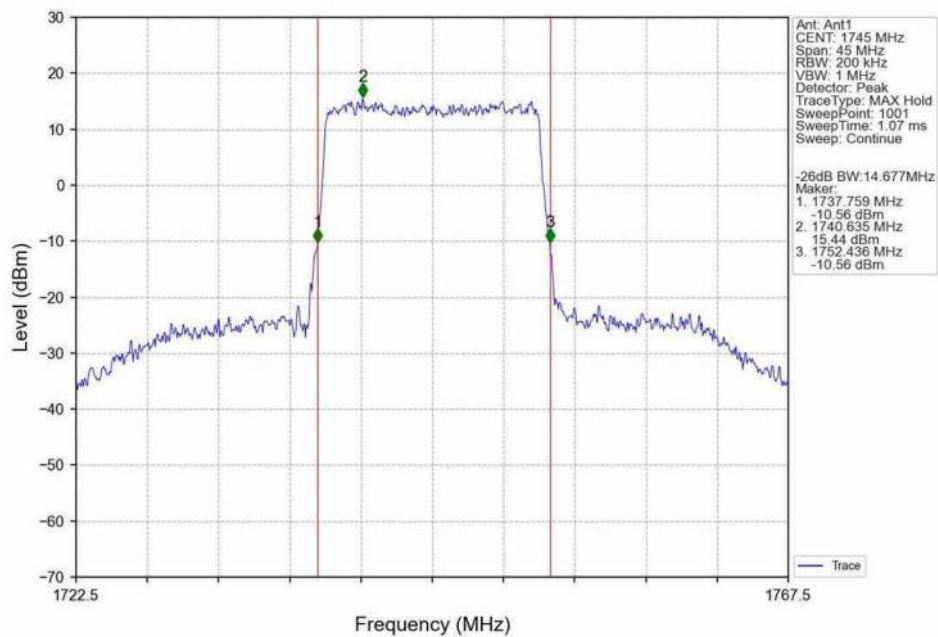
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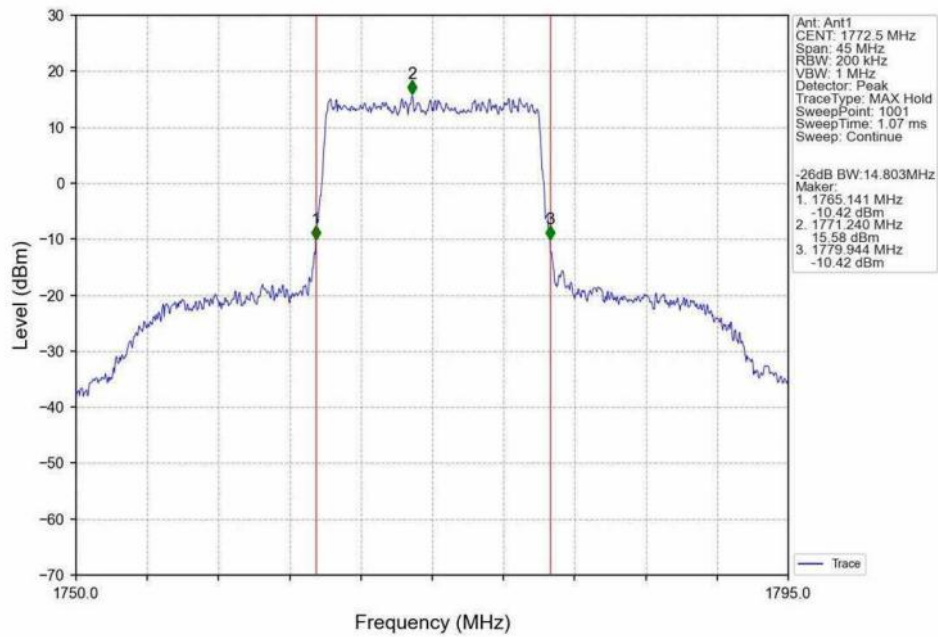
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



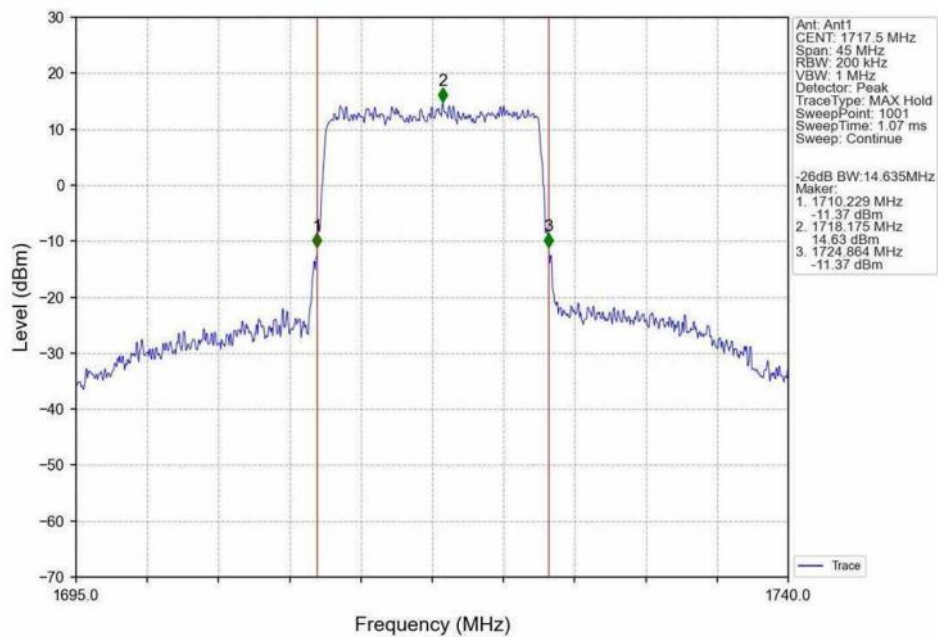
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



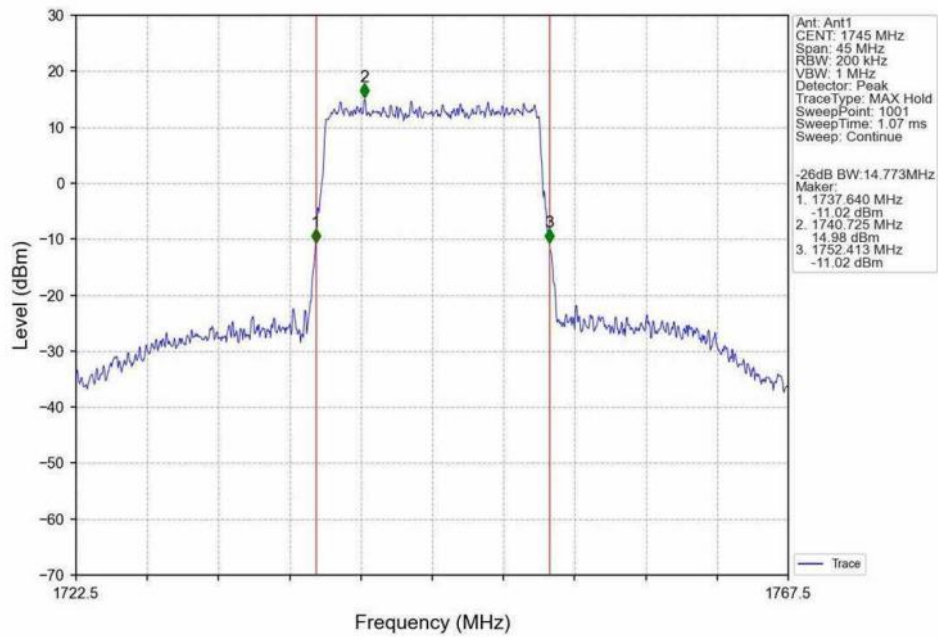
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



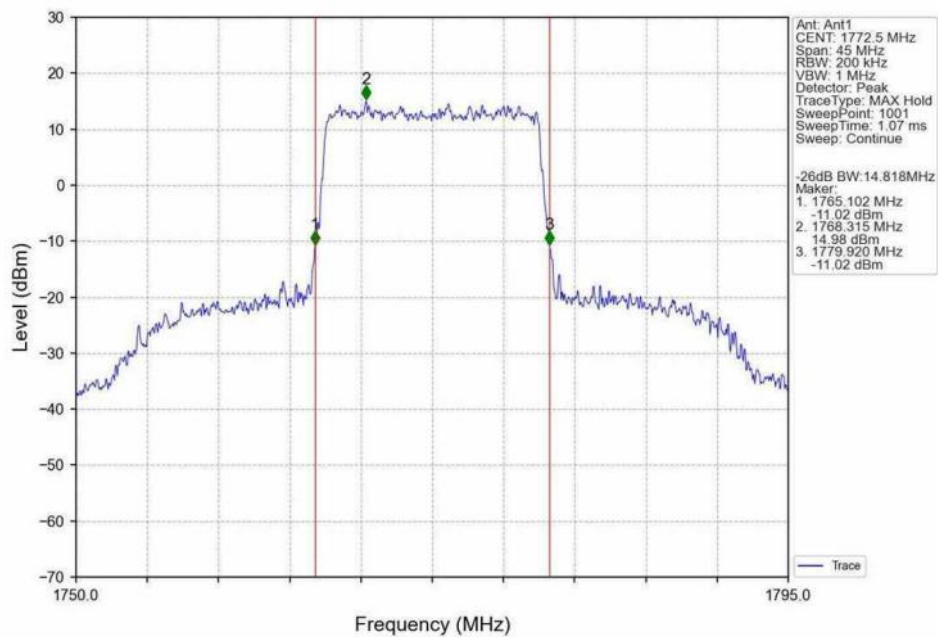
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



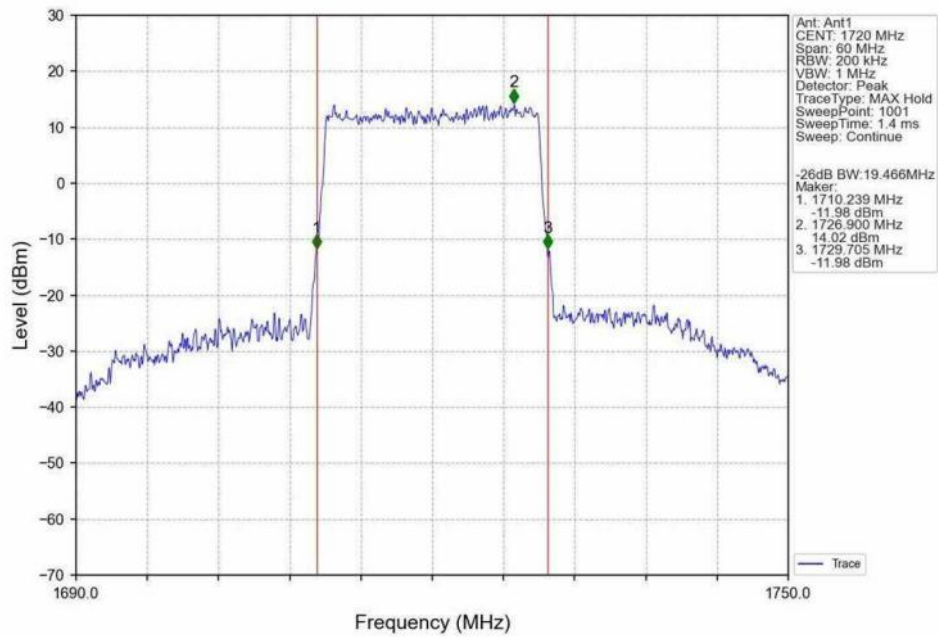
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



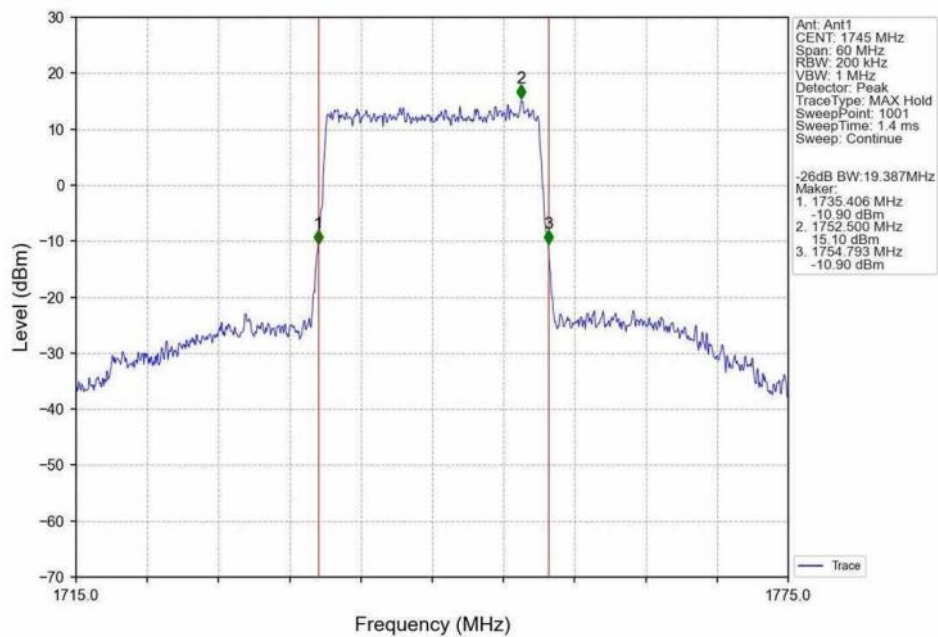
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



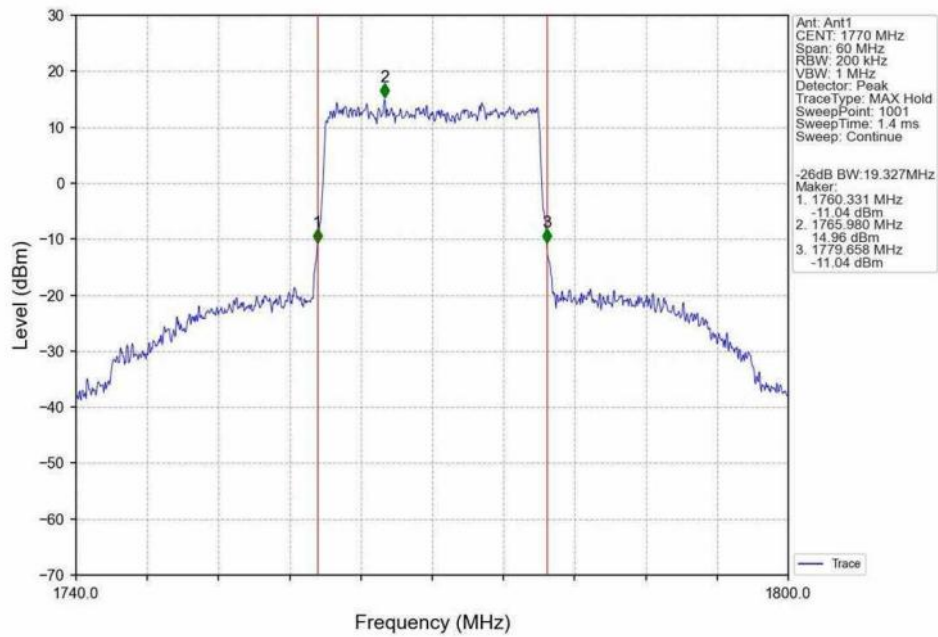
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



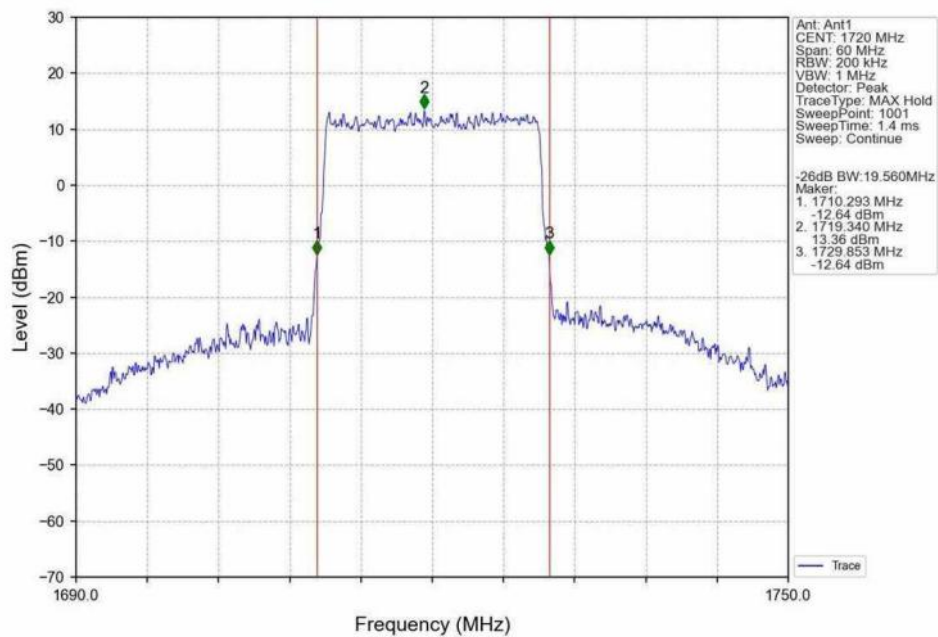
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



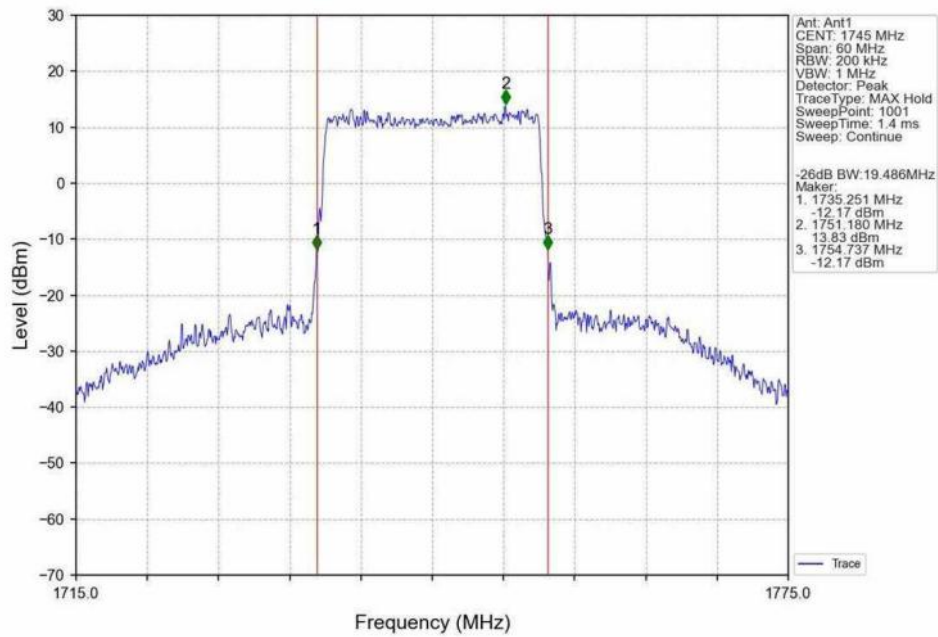
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



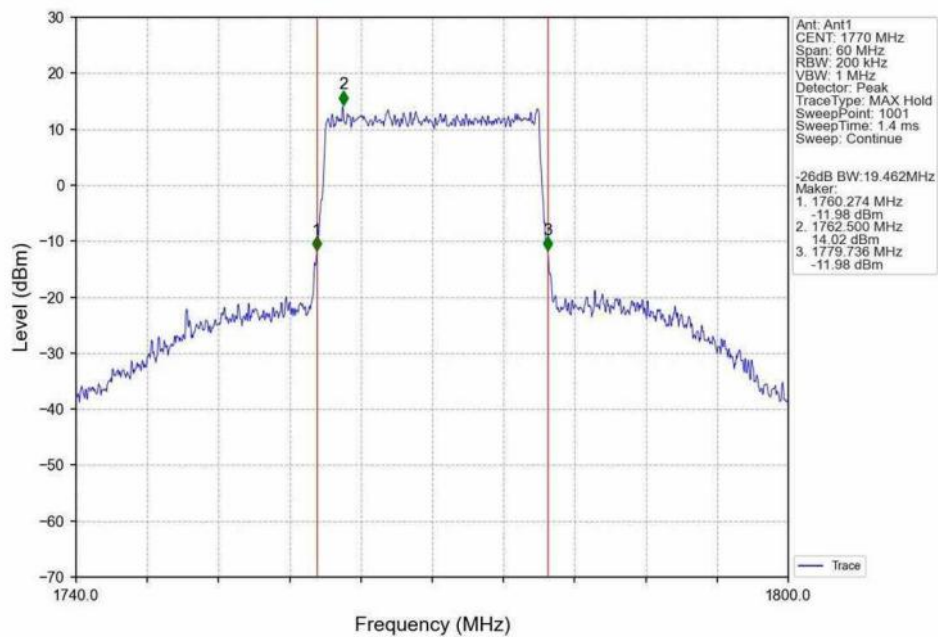
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.89	≤ 13	Pass
	1745	6	0	5.13	≤ 13	Pass
	1779.3	6	0	4.51	≤ 13	Pass
16QAM	1710.7	6	0	5.63	≤ 13	Pass
	1745	6	0	5.90	≤ 13	Pass
	1779.3	6	0	5.24	≤ 13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.03	≤ 13	Pass
	1745	15	0	5.14	≤ 13	Pass
	1778.5	15	0	4.67	≤ 13	Pass
16QAM	1711.5	15	0	5.90	≤ 13	Pass
	1745	15	0	5.95	≤ 13	Pass
	1778.5	15	0	5.45	≤ 13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.25	≤ 13	Pass
	1745	25	0	5.34	≤ 13	Pass
	1777.5	25	0	4.92	≤ 13	Pass
16QAM	1712.5	25	0	6.00	≤ 13	Pass
	1745	25	0	6.00	≤ 13	Pass
	1777.5	25	0	5.55	≤ 13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.29	≤ 13	Pass
	1745	50	0	5.37	≤ 13	Pass
	1775	50	0	5.10	≤ 13	Pass
16QAM	1715	50	0	6.11	≤ 13	Pass
	1745	50	0	6.15	≤ 13	Pass

	1775	50	0	5.83	<=13	Pass
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5.1.5 B66_15MHz

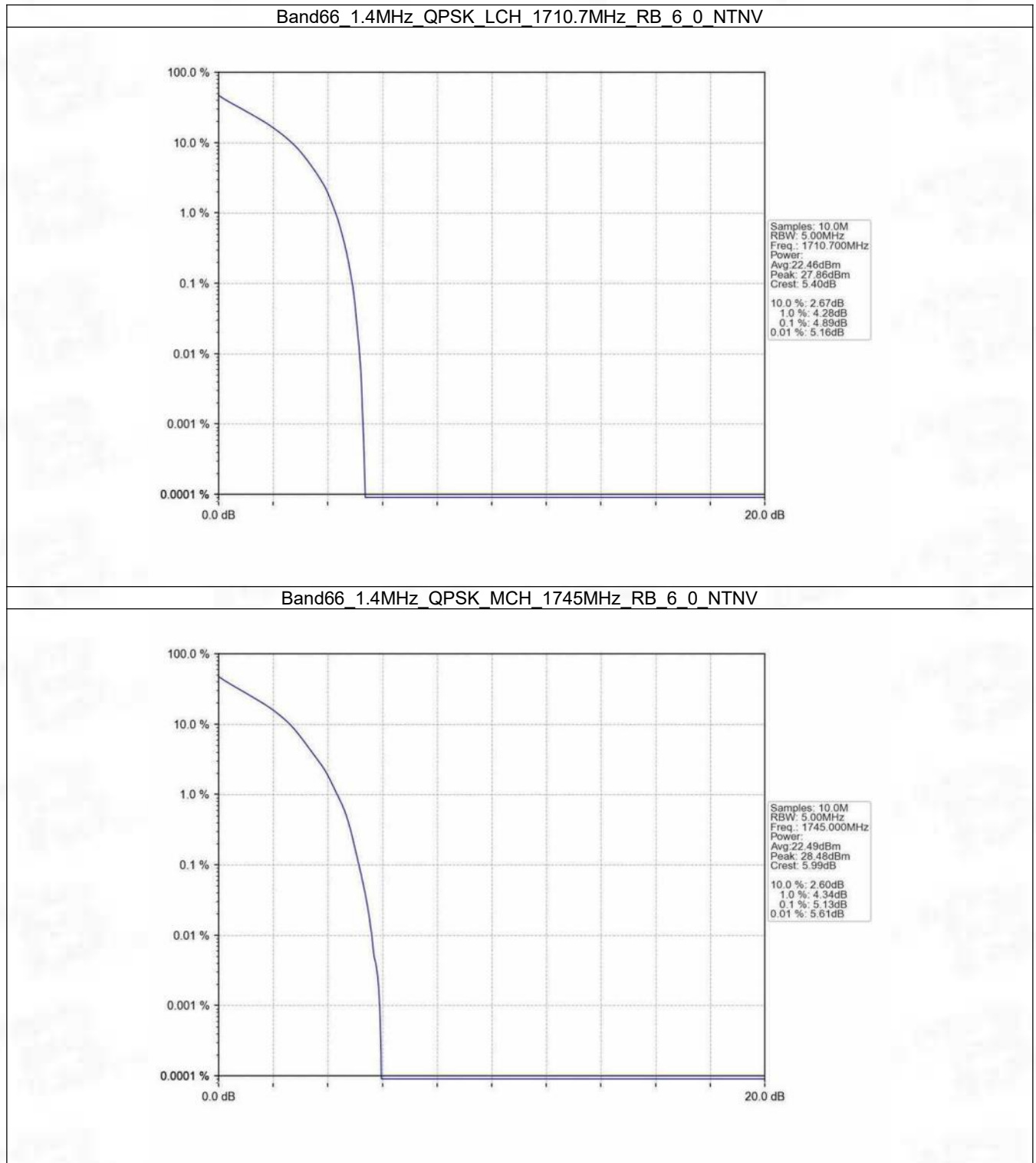
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.36	<=13	Pass
	1745	75	0	5.42	<=13	Pass
	1772.5	75	0	5.05	<=13	Pass
16QAM	1717.5	75	0	6.01	<=13	Pass
	1745	75	0	6.00	<=13	Pass
	1772.5	75	0	5.66	<=13	Pass

5.1.6 B66_20MHz

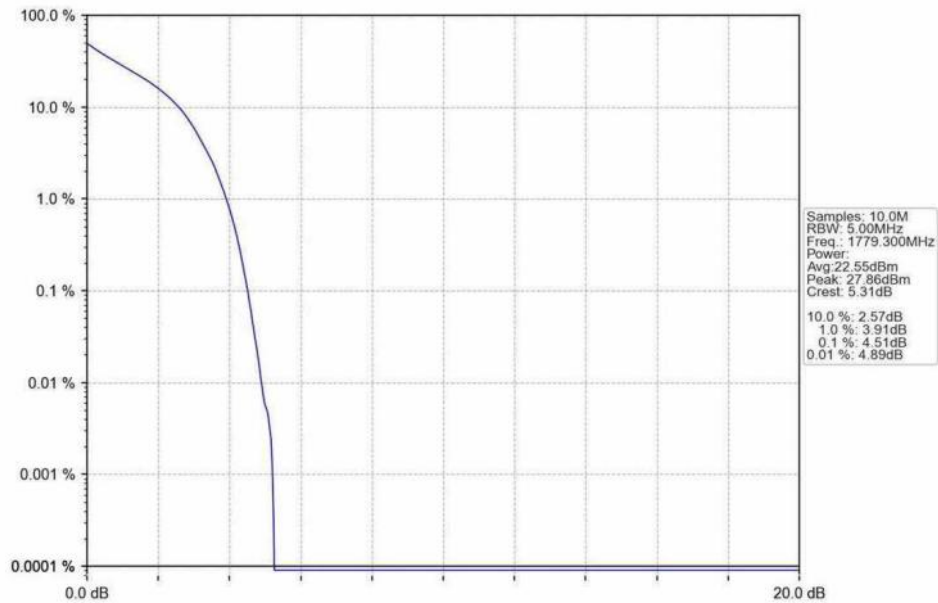
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.26	<=13	Pass
	1745	100	0	5.52	<=13	Pass
	1770	100	0	5.11	<=13	Pass
16QAM	1720	100	0	5.90	<=13	Pass
	1745	100	0	6.13	<=13	Pass
	1770	100	0	5.86	<=13	Pass

5.2 Test Graph

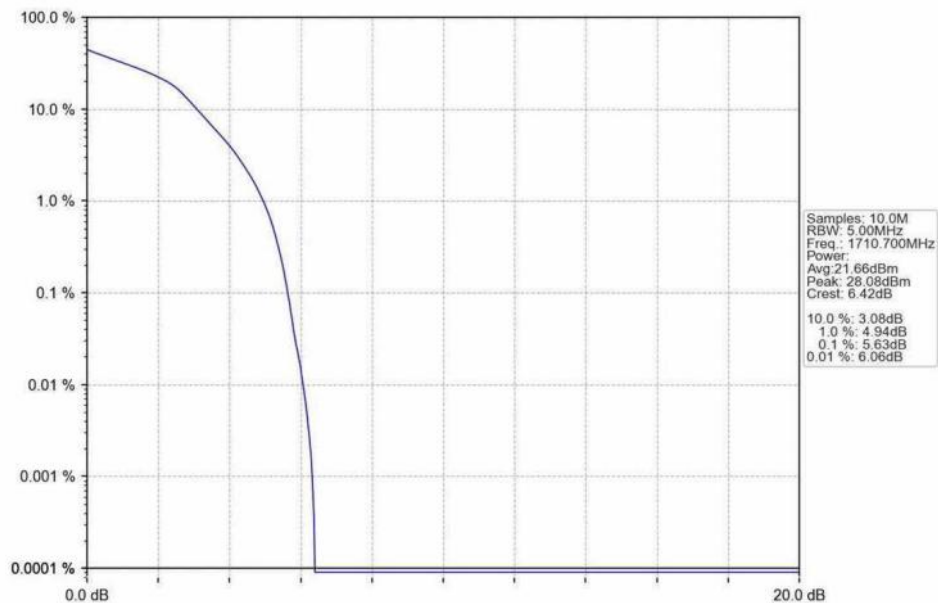
5.2.1 B66_1.4MHz



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



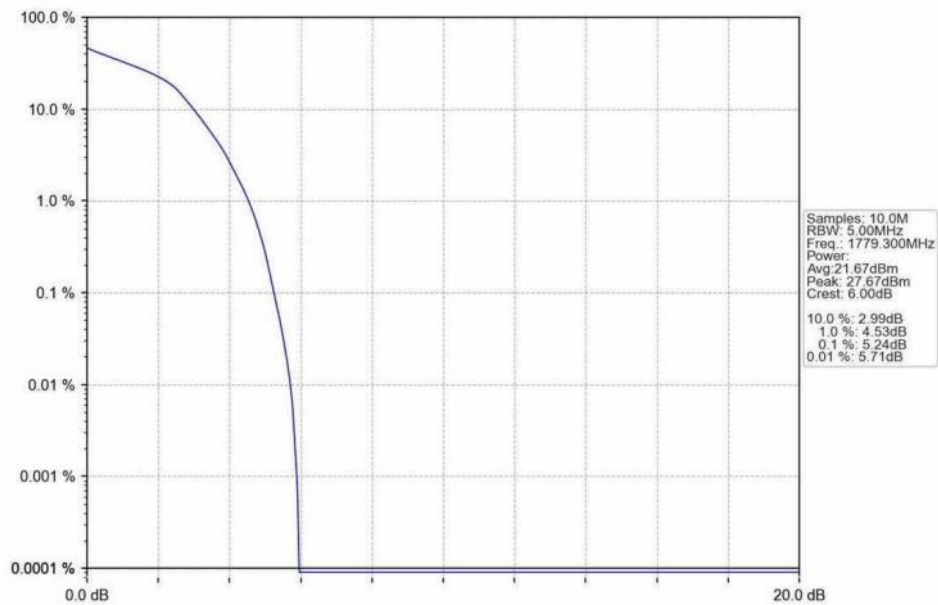
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



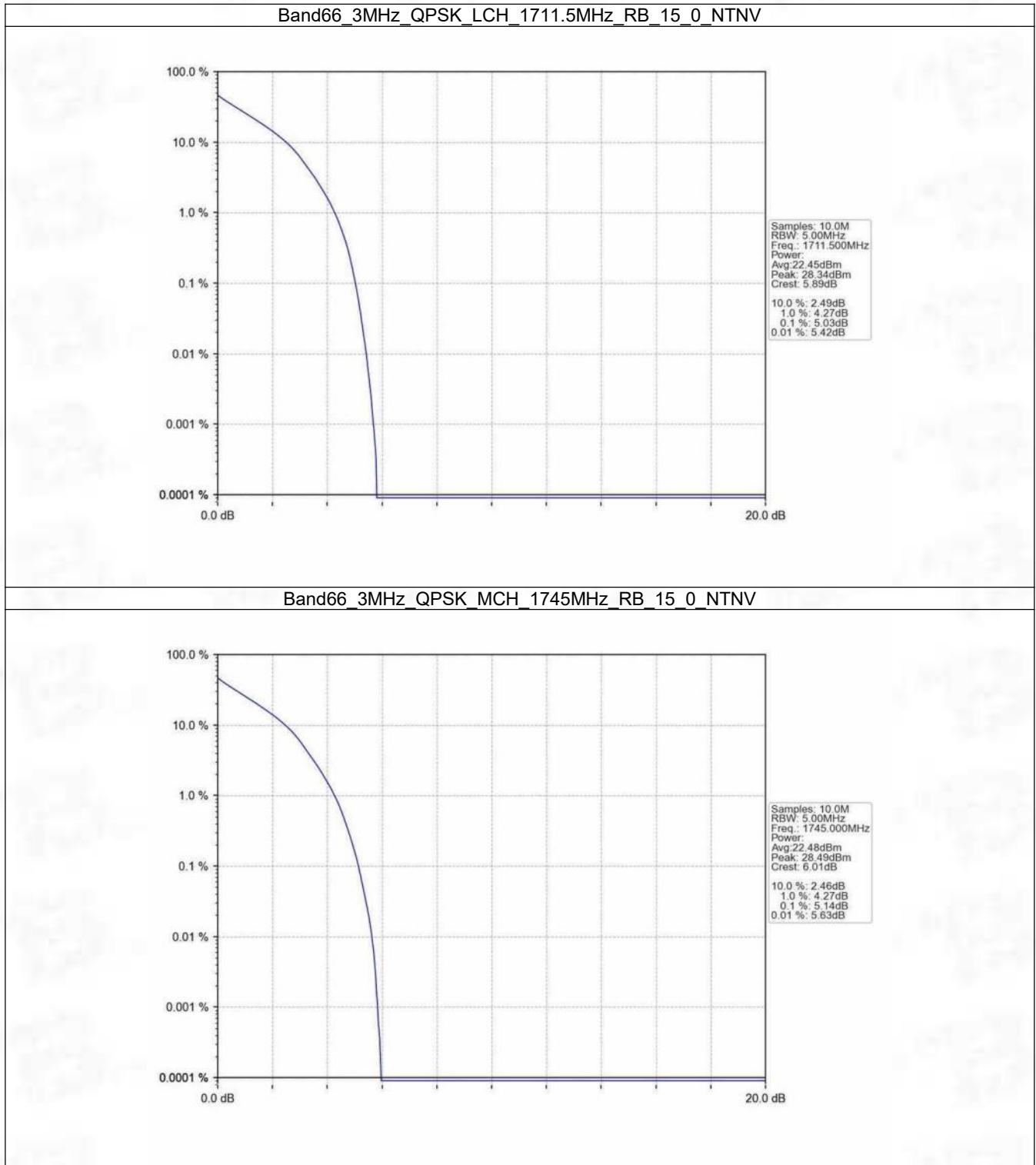
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



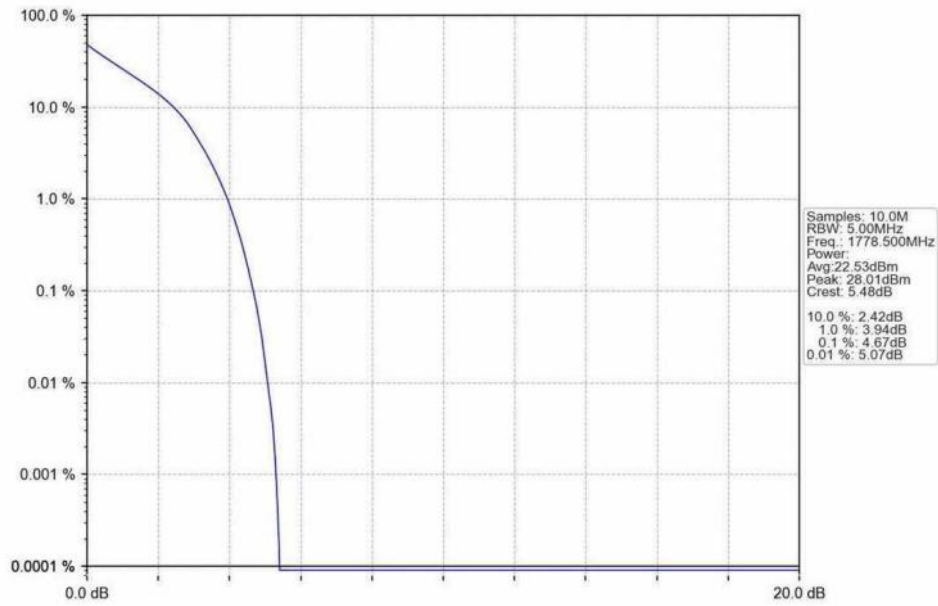
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



5.2.2 B66_3MHz



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

