

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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	18.92	-2.27	16.65	<=30	Pass
			2	19.12	-2.27	16.85	<=30	Pass
			5	18.93	-2.27	16.66	<=30	Pass
		3	0	19.02	-2.27	16.75	<=30	Pass
			2	19.05	-2.27	16.78	<=30	Pass
			3	18.99	-2.27	16.72	<=30	Pass
		6	0	18.02	-2.27	15.75	<=30	Pass
	1745	1	0	19.23	-2.27	16.96	<=30	Pass
			2	19.36	-2.27	17.09	<=30	Pass
			5	19.20	-2.27	16.93	<=30	Pass
		3	0	19.35	-2.27	17.08	<=30	Pass
			2	19.37	-2.27	17.10	<=30	Pass
			3	19.35	-2.27	17.08	<=30	Pass
		6	0	18.32	-2.27	16.05	<=30	Pass
	1779.3	1	0	19.65	-2.27	17.38	<=30	Pass
			2	19.83	-2.27	17.56	<=30	Pass
			5	19.65	-2.27	17.38	<=30	Pass
		3	0	19.71	-2.27	17.44	<=30	Pass
			2	19.75	-2.27	17.48	<=30	Pass
			3	19.72	-2.27	17.45	<=30	Pass
		6	0	18.73	-2.27	16.46	<=30	Pass
16QAM	1710.7	1	0	18.23	-2.27	15.96	<=30	Pass
			2	18.34	-2.27	16.07	<=30	Pass
			5	18.20	-2.27	15.93	<=30	Pass
		3	0	18.15	-2.27	15.88	<=30	Pass
			2	18.14	-2.27	15.87	<=30	Pass
			3	18.10	-2.27	15.83	<=30	Pass
		6	0	17.02	-2.27	14.75	<=30	Pass
	1745	1	0	18.42	-2.27	16.15	<=30	Pass
			2	18.58	-2.27	16.31	<=30	Pass
			5	18.39	-2.27	16.12	<=30	Pass
		3	0	18.37	-2.27	16.10	<=30	Pass
			2	18.40	-2.27	16.13	<=30	Pass
			3	18.39	-2.27	16.12	<=30	Pass
		6	0	17.26	-2.27	14.99	<=30	Pass
	1779.3	1	0	18.64	-2.27	16.37	<=30	Pass
			2	18.83	-2.27	16.56	<=30	Pass
			5	18.67	-2.27	16.40	<=30	Pass
		3	0	18.69	-2.27	16.42	<=30	Pass
			2	18.69	-2.27	16.42	<=30	Pass
			3	18.66	-2.27	16.39	<=30	Pass
		6	0	17.76	-2.27	15.49	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTN								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	19.84	-2.27	17.57	<=30	Pass
			7	19.88	-2.27	17.61	<=30	Pass
			14	19.84	-2.27	17.57	<=30	Pass
		8	0	18.83	-2.27	16.56	<=30	Pass
			4	18.91	-2.27	16.64	<=30	Pass
			7	18.85	-2.27	16.58	<=30	Pass
		15	0	18.83	-2.27	16.56	<=30	Pass
	1745	1	0	18.80	-2.27	16.53	<=30	Pass
			7	18.80	-2.27	16.53	<=30	Pass
			14	18.80	-2.27	16.53	<=30	Pass
		8	0	17.78	-2.27	15.51	<=30	Pass
			4	17.79	-2.27	15.52	<=30	Pass
			7	17.77	-2.27	15.50	<=30	Pass
		15	0	17.74	-2.27	15.47	<=30	Pass
	1778.5	1	0	18.84	-2.27	16.57	<=30	Pass
			7	18.82	-2.27	16.55	<=30	Pass
			14	18.80	-2.27	16.53	<=30	Pass
		8	0	17.91	-2.27	15.64	<=30	Pass
			4	17.91	-2.27	15.64	<=30	Pass
			7	17.86	-2.27	15.59	<=30	Pass
		15	0	17.80	-2.27	15.53	<=30	Pass
16QAM	1711.5	1	0	19.06	-2.27	16.79	<=30	Pass
			7	19.05	-2.27	16.78	<=30	Pass
			14	18.96	-2.27	16.69	<=30	Pass
		8	0	17.88	-2.27	15.61	<=30	Pass
			4	17.90	-2.27	15.63	<=30	Pass
			7	17.89	-2.27	15.62	<=30	Pass
		15	0	17.87	-2.27	15.60	<=30	Pass
	1745	1	0	17.84	-2.27	15.57	<=30	Pass
			7	17.85	-2.27	15.58	<=30	Pass
			14	17.79	-2.27	15.52	<=30	Pass
		8	0	16.93	-2.27	14.66	<=30	Pass
			4	16.96	-2.27	14.69	<=30	Pass
			7	16.92	-2.27	14.65	<=30	Pass
		15	0	16.77	-2.27	14.50	<=30	Pass
	1778.5	1	0	17.97	-2.27	15.70	<=30	Pass
			7	18.01	-2.27	15.74	<=30	Pass
			14	17.98	-2.27	15.71	<=30	Pass
		8	0	17.00	-2.27	14.73	<=30	Pass
			4	17.07	-2.27	14.80	<=30	Pass
			7	17.01	-2.27	14.74	<=30	Pass
		15	0	16.84	-2.27	14.57	<=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	19.28	-2.27	17.01	<=30	Pass
			13	19.41	-2.27	17.14	<=30	Pass
			24	19.27	-2.27	17.00	<=30	Pass
		12	0	18.32	-2.27	16.05	<=30	Pass
			6	18.39	-2.27	16.12	<=30	Pass
			13	18.33	-2.27	16.06	<=30	Pass
		25	0	18.35	-2.27	16.08	<=30	Pass
	1745	1	0	18.92	-2.27	16.65	<=30	Pass
			0	18.92	-2.27	16.65	<=30	Pass

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16QAM	1777.5	12	13	19.04	-2.27	16.77	<=30	Pass
			24	18.86	-2.27	16.59	<=30	Pass
			0	17.99	-2.27	15.72	<=30	Pass
			6	18.02	-2.27	15.75	<=30	Pass
		25	13	17.94	-2.27	15.67	<=30	Pass
			0	17.97	-2.27	15.70	<=30	Pass
			0	18.93	-2.27	16.66	<=30	Pass
			13	19.05	-2.27	16.78	<=30	Pass
		12	24	18.89	-2.27	16.62	<=30	Pass
			0	18.02	-2.27	15.75	<=30	Pass
			6	18.08	-2.27	15.81	<=30	Pass
			13	17.98	-2.27	15.71	<=30	Pass
	1712.5	1	25	18.04	-2.27	15.77	<=30	Pass
			0	18.55	-2.27	16.28	<=30	Pass
			13	18.66	-2.27	16.39	<=30	Pass
			24	18.50	-2.27	16.23	<=30	Pass
		12	0	17.26	-2.27	14.99	<=30	Pass
			6	17.35	-2.27	15.08	<=30	Pass
			13	17.31	-2.27	15.04	<=30	Pass
			25	17.36	-2.27	15.09	<=30	Pass
		1	0	18.12	-2.27	15.85	<=30	Pass
			13	18.20	-2.27	15.93	<=30	Pass
			24	18.06	-2.27	15.79	<=30	Pass
	1745	12	0	16.93	-2.27	14.66	<=30	Pass
			6	16.96	-2.27	14.69	<=30	Pass
			13	16.92	-2.27	14.65	<=30	Pass
			25	16.97	-2.27	14.70	<=30	Pass
		1	0	18.13	-2.27	15.86	<=30	Pass
			13	18.24	-2.27	15.97	<=30	Pass
			24	18.08	-2.27	15.81	<=30	Pass
		12	0	17.07	-2.27	14.80	<=30	Pass
			6	17.09	-2.27	14.82	<=30	Pass
			13	17.03	-2.27	14.76	<=30	Pass
			25	17.04	-2.27	14.77	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	19.04	-2.27	16.77	<=30	Pass
			25	19.19	-2.27	16.92	<=30	Pass
			49	19.01	-2.27	16.74	<=30	Pass
		25	0	18.06	-2.27	15.79	<=30	Pass
			13	18.07	-2.27	15.80	<=30	Pass
			25	18.07	-2.27	15.80	<=30	Pass
		50	0	18.04	-2.27	15.77	<=30	Pass
			0	19.60	-2.27	17.33	<=30	Pass
			25	19.72	-2.27	17.45	<=30	Pass
		1	49	19.51	-2.27	17.24	<=30	Pass
			0	18.54	-2.27	16.27	<=30	Pass
			13	18.59	-2.27	16.32	<=30	Pass
	1745	25	25	18.57	-2.27	16.30	<=30	Pass
			0	18.56	-2.27	16.29	<=30	Pass
		1	0	18.82	-2.27	16.55	<=30	Pass
			25	18.96	-2.27	16.69	<=30	Pass
			49	18.79	-2.27	16.52	<=30	Pass
		25	0	17.89	-2.27	15.62	<=30	Pass

16QAM	1715	50	13	17.87	-2.27	15.60	<=30	Pass
			25	17.84	-2.27	15.57	<=30	Pass
			0	17.87	-2.27	15.60	<=30	Pass
		1	0	18.24	-2.27	15.97	<=30	Pass
			25	18.34	-2.27	16.07	<=30	Pass
			49	18.21	-2.27	15.94	<=30	Pass
		25	0	17.07	-2.27	14.80	<=30	Pass
			13	17.08	-2.27	14.81	<=30	Pass
			25	17.08	-2.27	14.81	<=30	Pass
		50	0	17.04	-2.27	14.77	<=30	Pass
	1745	1	0	18.65	-2.27	16.38	<=30	Pass
			25	18.73	-2.27	16.46	<=30	Pass
			49	18.55	-2.27	16.28	<=30	Pass
		25	0	17.61	-2.27	15.34	<=30	Pass
			13	17.62	-2.27	15.35	<=30	Pass
			25	17.61	-2.27	15.34	<=30	Pass
		50	0	17.57	-2.27	15.30	<=30	Pass
	1775	1	0	18.01	-2.27	15.74	<=30	Pass
			25	18.14	-2.27	15.87	<=30	Pass
			49	17.99	-2.27	15.72	<=30	Pass
		25	0	16.94	-2.27	14.67	<=30	Pass
			13	16.95	-2.27	14.68	<=30	Pass
			25	16.89	-2.27	14.62	<=30	Pass
		50	0	16.86	-2.27	14.59	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	19.58	-2.27	17.31	<=30	Pass
			38	19.63	-2.27	17.36	<=30	Pass
			74	19.48	-2.27	17.21	<=30	Pass
		36	0	18.71	-2.27	16.44	<=30	Pass
			18	18.71	-2.27	16.44	<=30	Pass
			39	18.69	-2.27	16.42	<=30	Pass
		75	0	18.72	-2.27	16.45	<=30	Pass
	1745	1	0	18.99	-2.27	16.72	<=30	Pass
			38	19.03	-2.27	16.76	<=30	Pass
			74	18.89	-2.27	16.62	<=30	Pass
		36	0	18.03	-2.27	15.76	<=30	Pass
			18	18.05	-2.27	15.78	<=30	Pass
			39	18.00	-2.27	15.73	<=30	Pass
		75	0	18.03	-2.27	15.76	<=30	Pass
	1772.5	1	0	18.72	-2.27	16.45	<=30	Pass
			38	18.86	-2.27	16.59	<=30	Pass
			74	18.74	-2.27	16.47	<=30	Pass
		36	0	17.96	-2.27	15.69	<=30	Pass
			18	17.94	-2.27	15.67	<=30	Pass
			39	17.97	-2.27	15.70	<=30	Pass
		75	0	17.90	-2.27	15.63	<=30	Pass
16QAM	1717.5	1	0	19.06	-2.27	16.79	<=30	Pass
			38	19.13	-2.27	16.86	<=30	Pass
			74	18.99	-2.27	16.72	<=30	Pass
		36	0	17.61	-2.27	15.34	<=30	Pass
			18	17.66	-2.27	15.39	<=30	Pass
			39	17.61	-2.27	15.34	<=30	Pass
		75	0	17.65	-2.27	15.38	<=30	Pass

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	1745	1	0	18.06	-2.27	15.79	<=30	Pass
			38	18.03	-2.27	15.76	<=30	Pass
			74	17.91	-2.27	15.64	<=30	Pass
		36	0	16.99	-2.27	14.72	<=30	Pass
			18	16.99	-2.27	14.72	<=30	Pass
			39	16.94	-2.27	14.67	<=30	Pass
		75	0	17.01	-2.27	14.74	<=30	Pass
	1772.5	1	0	17.96	-2.27	15.69	<=30	Pass
			38	18.06	-2.27	15.79	<=30	Pass
			74	17.92	-2.27	15.65	<=30	Pass
		36	0	16.90	-2.27	14.63	<=30	Pass
			18	16.91	-2.27	14.64	<=30	Pass
			39	16.87	-2.27	14.60	<=30	Pass
		75	0	16.89	-2.27	14.62	<=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	19.17	-2.27	16.90	<=30	Pass
			50	19.48	-2.27	17.21	<=30	Pass
			99	19.04	-2.27	16.77	<=30	Pass
		50	0	18.35	-2.27	16.08	<=30	Pass
			25	18.33	-2.27	16.06	<=30	Pass
			50	18.27	-2.27	16.00	<=30	Pass
		100	0	18.30	-2.27	16.03	<=30	Pass
	1745	1	0	19.03	-2.27	16.76	<=30	Pass
			50	19.25	-2.27	16.98	<=30	Pass
			99	18.84	-2.27	16.57	<=30	Pass
		50	0	18.16	-2.27	15.89	<=30	Pass
			25	18.19	-2.27	15.92	<=30	Pass
			50	18.12	-2.27	15.85	<=30	Pass
		100	0	18.13	-2.27	15.86	<=30	Pass
	1770	1	0	18.93	-2.27	16.66	<=30	Pass
			50	19.34	-2.27	17.07	<=30	Pass
			99	18.94	-2.27	16.67	<=30	Pass
		50	0	18.16	-2.27	15.89	<=30	Pass
			25	18.19	-2.27	15.92	<=30	Pass
			50	18.09	-2.27	15.82	<=30	Pass
		100	0	18.11	-2.27	15.84	<=30	Pass
16QAM	1720	1	0	18.39	-2.27	16.12	<=30	Pass
			50	18.74	-2.27	16.47	<=30	Pass
			99	18.26	-2.27	15.99	<=30	Pass
		50	0	17.34	-2.27	15.07	<=30	Pass
			25	17.34	-2.27	15.07	<=30	Pass
			50	17.30	-2.27	15.03	<=30	Pass
		100	0	17.31	-2.27	15.04	<=30	Pass
	1745	1	0	18.43	-2.27	16.16	<=30	Pass
			50	18.65	-2.27	16.38	<=30	Pass
			99	18.26	-2.27	15.99	<=30	Pass
		50	0	17.20	-2.27	14.93	<=30	Pass
			25	17.20	-2.27	14.93	<=30	Pass
			50	17.11	-2.27	14.84	<=30	Pass
		100	0	17.14	-2.27	14.87	<=30	Pass
	1770	1	0	18.12	-2.27	15.85	<=30	Pass
			50	18.49	-2.27	16.22	<=30	Pass
			99	18.10	-2.27	15.83	<=30	Pass

		50	0	17.17	-2.27	14.90	<=30	Pass
			25	17.17	-2.27	14.90	<=30	Pass
			50	17.13	-2.27	14.86	<=30	Pass
		100	0	17.13	-2.27	14.86	<=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	-17.037	-0.0100	-2.5 to 2.5	Pass
					3.85	-10.815	-0.0063	-2.5 to 2.5	Pass
					4.43	-1.888	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.077	0.0024	-2.5 to 2.5	Pass
				0	3.85	-18.253	-0.0107	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0014	-2.5 to 2.5	Pass
				30	3.85	29.883	0.0175	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
	50	3.85	-14.720	-0.0086	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	3.004	0.0017	-2.5 to 2.5	Pass
					3.85	-14.949	-0.0086	-2.5 to 2.5	Pass
					4.43	10.657	0.0061	-2.5 to 2.5	Pass
				-30	3.85	8.197	0.0047	-2.5 to 2.5	Pass
				-20	3.85	6.437	0.0037	-2.5 to 2.5	Pass
				-10	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				0	3.85	6.065	0.0035	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0026	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
	50	3.85	-12.445	-0.0071	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	-19.326	-0.0109	-2.5 to 2.5	Pass
					3.85	-18.997	-0.0107	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	3.576	0.0020	-2.5 to 2.5	Pass
				-20	3.85	2.346	0.0013	-2.5 to 2.5	Pass
				-10	3.85	4.134	0.0023	-2.5 to 2.5	Pass
				0	3.85	-8.483	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-4.649	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-9.985	-0.0056	-2.5 to 2.5	Pass
				40	3.85	5.736	0.0032	-2.5 to 2.5	Pass
50	3.85	-10.886	-0.0061	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	-3.104	-0.0018	-2.5 to 2.5	Pass
					3.85	5.722	0.0033	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-8.926	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-12.531	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-8.783	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				40	3.85	2.589	0.0015	-2.5 to 2.5	Pass

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Version: 1/00

	1745	6	0	50	3.85	-12.989	-0.0076	-2.5 to 2.5	Pass
				20	3.27	-4.020	-0.0023	-2.5 to 2.5	Pass
					3.85	-18.754	-0.0107	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.963	0.0023	-2.5 to 2.5	Pass
				0	3.85	-16.265	-0.0093	-2.5 to 2.5	Pass
				10	3.85	4.320	0.0025	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
	1779.3	6	0	40	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				50	3.85	6.480	0.0037	-2.5 to 2.5	Pass
				20	3.27	18.468	0.0104	-2.5 to 2.5	Pass
					3.85	-7.482	-0.0042	-2.5 to 2.5	Pass
					4.43	8.025	0.0045	-2.5 to 2.5	Pass
				-30	3.85	-16.179	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-9.785	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-12.403	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-19.069	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-3.405	-0.0019	-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	4.563	0.0027	-2.5 to 2.5	Pass
					3.85	5.236	0.0031	-2.5 to 2.5	Pass
					4.43	-12.174	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-17.924	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	3.591	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-9.956	-0.0058	-2.5 to 2.5	Pass
				0	3.85	3.777	0.0022	-2.5 to 2.5	Pass
				10	3.85	-11.029	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-12.789	-0.0075	-2.5 to 2.5	Pass
				40	3.85	0.901	0.0005	-2.5 to 2.5	Pass
	1745	15	0	50	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				20	3.27	4.706	0.0027	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.589	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-11.916	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	2.103	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
				0	3.85	4.220	0.0024	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.688	0.0010	-2.5 to 2.5	Pass
	1778.5	15	0	40	3.85	-13.962	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				20	3.27	0.458	0.0003	-2.5 to 2.5	Pass
					3.85	-10.057	-0.0057	-2.5 to 2.5	Pass
					4.43	-16.479	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-8.483	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-7.339	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	4.678	0.0026	-2.5 to 2.5	Pass
				0	3.85	9.284	0.0052	-2.5 to 2.5	Pass
				10	3.85	4.821	0.0027	-2.5 to 2.5	Pass

16QAM	1711.5	15	0	30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-10.471	-0.0059	-2.5 to 2.5	Pass
				50	3.85	2.074	0.0012	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	2.604	0.0015	-2.5 to 2.5	Pass
					3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
					4.43	-11.530	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				-10	3.85	7.825	0.0046	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-7.925	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-11.458	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-9.155	-0.0052	-2.5 to 2.5	Pass
					3.85	-18.225	-0.0104	-2.5 to 2.5	Pass
					4.43	-5.393	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-13.046	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				30	3.85	4.106	0.0024	-2.5 to 2.5	Pass
				40	3.85	-12.174	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-12.903	-0.0074	-2.5 to 2.5	Pass
				20	3.27	0.458	0.0003	-2.5 to 2.5	Pass
					3.85	7.668	0.0043	-2.5 to 2.5	Pass
					4.43	-9.928	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	6.022	0.0034	-2.5 to 2.5	Pass
				0	3.85	12.345	0.0069	-2.5 to 2.5	Pass
				10	3.85	-13.604	-0.0076	-2.5 to 2.5	Pass
				30	3.85	5.751	0.0032	-2.5 to 2.5	Pass
				40	3.85	5.193	0.0029	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0003	-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	-3.963	-0.0023	-2.5 to 2.5	Pass
					3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
					4.43	0.801	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-15.578	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-8.454	-0.0049	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.549	-0.0027	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-6.680	-0.0038	-2.5 to 2.5	Pass
					3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
					4.43	-10.586	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	3.362	0.0019	-2.5 to 2.5	Pass
				-10	3.85	-8.469	-0.0049	-2.5 to 2.5	Pass

				0	3.85	-9.570	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-11.730	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-1.073	-0.0006	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0034	-2.5 to 2.5	Pass
					4.43	-12.088	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-6.580	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.390	0.0019	-2.5 to 2.5	Pass
				0	3.85	-10.672	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.934	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-7.324	-0.0041	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	3.777	0.0022	-2.5 to 2.5	Pass
					3.85	-10.915	-0.0064	-2.5 to 2.5	Pass
					4.43	-8.698	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-13.561	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-10.901	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.362	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-12.932	-0.0074	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-9.928	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	2.732	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-13.132	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-12.789	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-8.769	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-9.327	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-1.874	-0.0011	-2.5 to 2.5	Pass
					3.85	3.262	0.0018	-2.5 to 2.5	Pass
					4.43	6.480	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.680	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-9.813	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-8.197	-0.0046	-2.5 to 2.5	Pass
				50	3.85	2.418	0.0014	-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	-7.067	-0.0041	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass

				-20	3.85	-5.794	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-11.401	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-8.068	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-8.955	-0.0052	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.147	-0.0018	-2.5 to 2.5	Pass
					3.85	-8.454	-0.0048	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				10	3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-6.251	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
					4.43	-6.752	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-11.144	-0.0065	-2.5 to 2.5	Pass
					3.85	-6.323	-0.0037	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				0	3.85	-8.883	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-7.825	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-5.622	-0.0032	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
					4.43	-4.220	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-8.154	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-4.964	-0.0028	-2.5 to 2.5	Pass
					3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
					4.43	-9.284	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass

				30	3.85	-11.301	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-7.753	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-6.652	-0.0037	-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	-7.854	-0.0046	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
					4.43	-6.180	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-8.140	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0038	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-3.047	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.950	-0.0028	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-1.874	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
					4.43	-5.550	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-9.871	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-9.055	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-5.536	-0.0032	-2.5 to 2.5	Pass
					3.85	0.157	0.0001	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-7.038	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-9.885	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-3.533	-0.0020	-2.5 to 2.5	Pass
					3.85	0.272	0.0002	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-8.397	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass

				0	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	0.443	0.0002	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0020	-2.5 to 2.5	Pass
					4.43	2.275	0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-9.198	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-5.751	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.262	-0.0018	-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	-5.994	-0.0035	-2.5 to 2.5	Pass
					3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.566	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-6.194	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-7.825	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-9.055	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-11.001	-0.0064	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.121	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.578	-0.0026	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-12.302	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-7.296	-0.0041	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
					4.43	-6.824	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-4.578	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-4.950	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.896	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-2.303	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
					4.43	-5.751	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass

				-20	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-9.770	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.751	-0.0033	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
					4.43	-9.384	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-3.805	-0.0021	-2.5 to 2.5	Pass
					3.85	-8.640	-0.0049	-2.5 to 2.5	Pass
					4.43	-5.035	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-9.327	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-8.655	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0032	-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 / NTV						
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 / NTV						
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 / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	1745	50	0	Refer To Test Graph	
16QAM	1745	50	0	Refer To Test Graph	

3.1.5 B66_15MHz

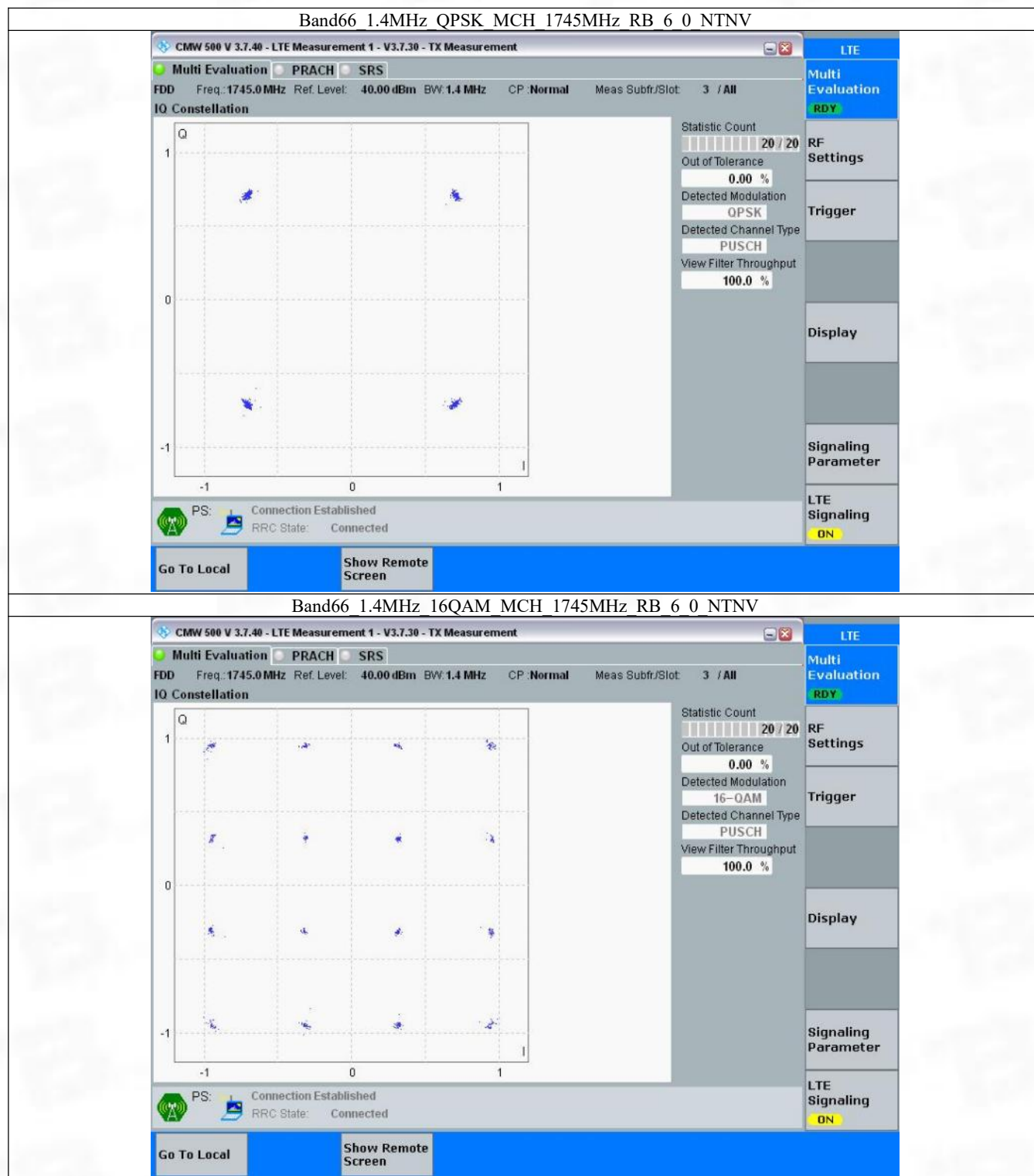
Band: 66 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	1745	75	0	Refer To Test Graph	
16QAM	1745	75	0	Refer To Test Graph	

3.1.6 B66_20MHz

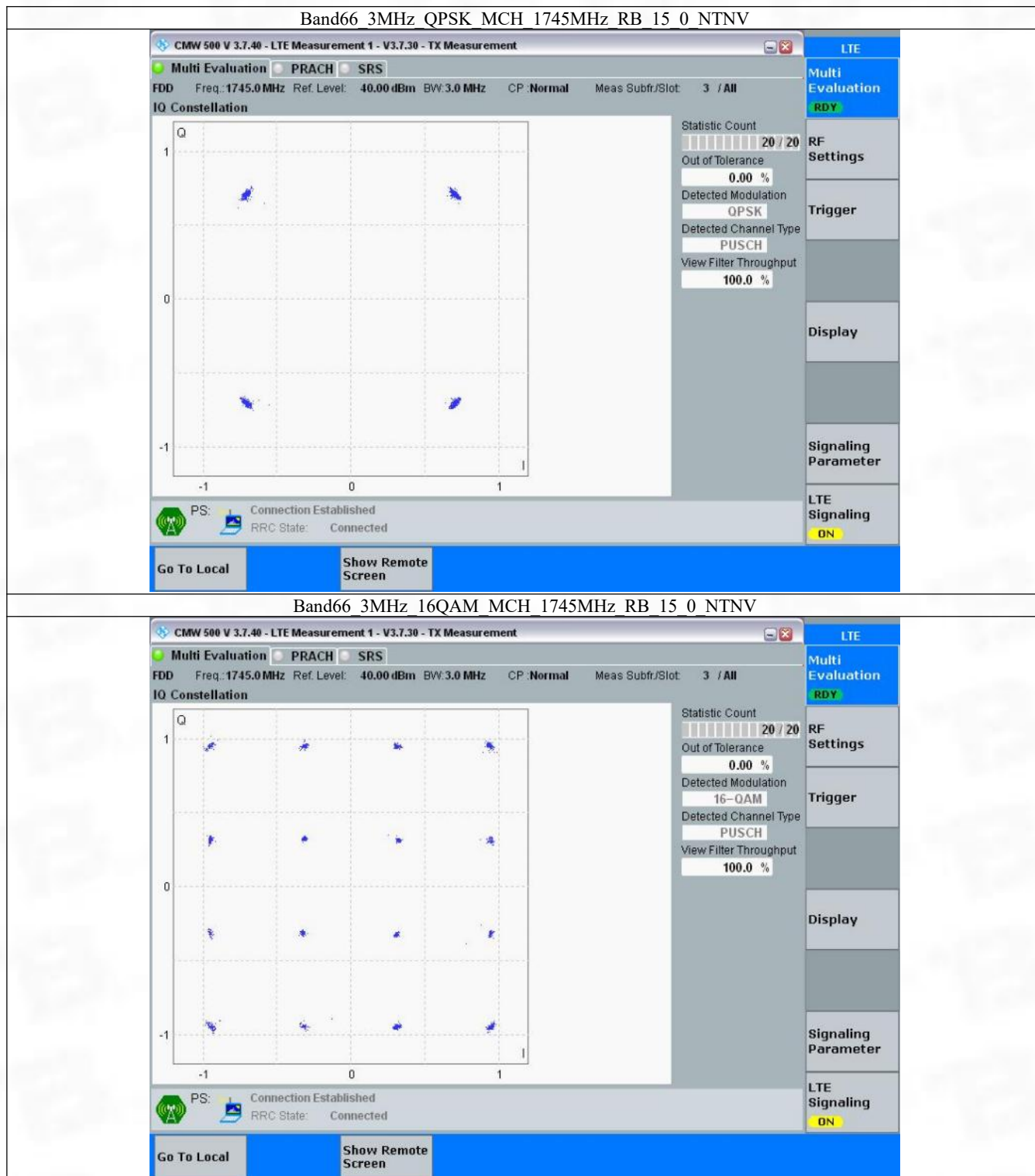
Band: 66 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	1745	100	0	Refer To Test Graph	
16QAM	1745	100	0	Refer To Test Graph	

3.2 Test Graph

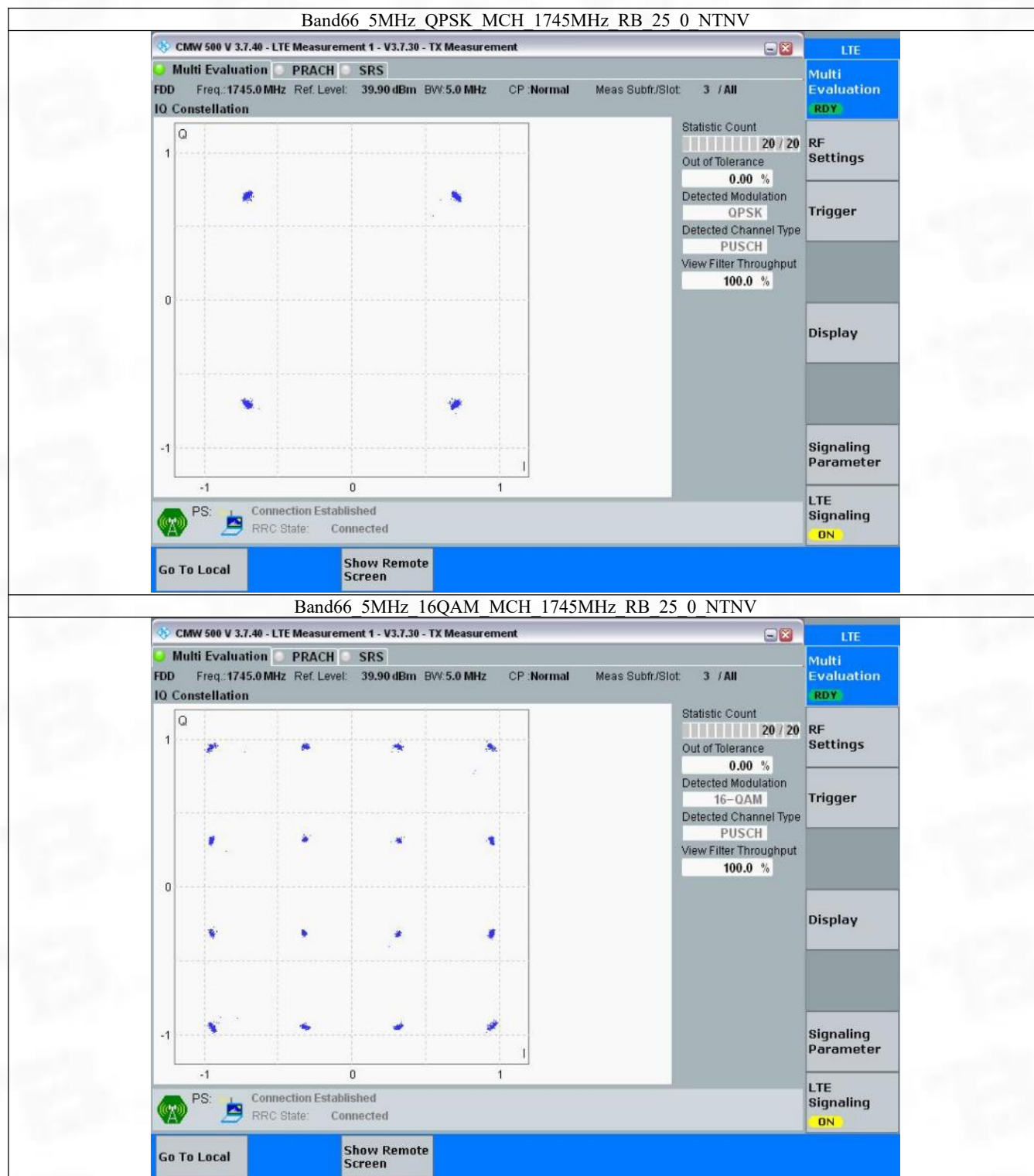
3.2.1 B66_1.4MHz



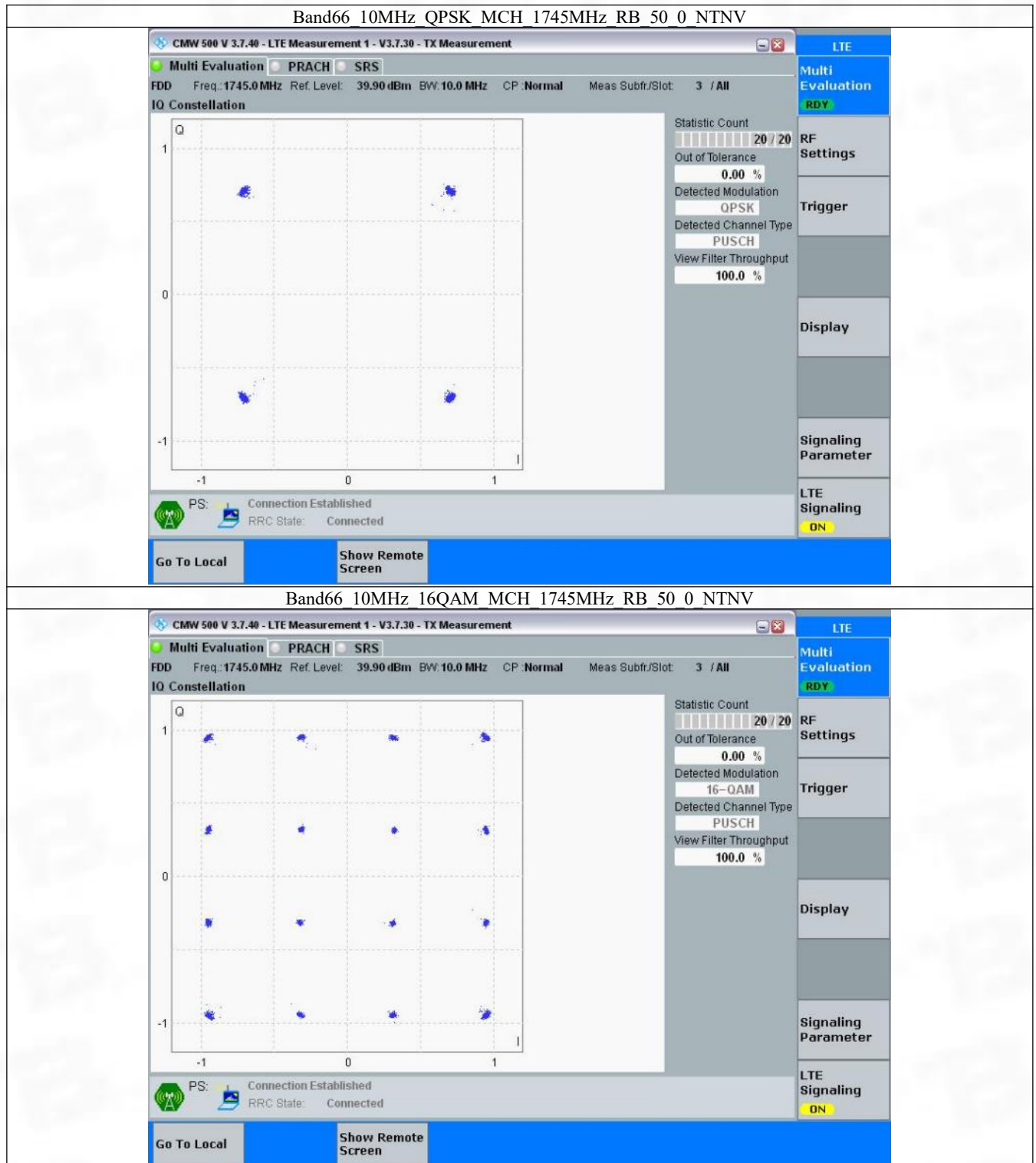
3.2.2 B66_3MHz



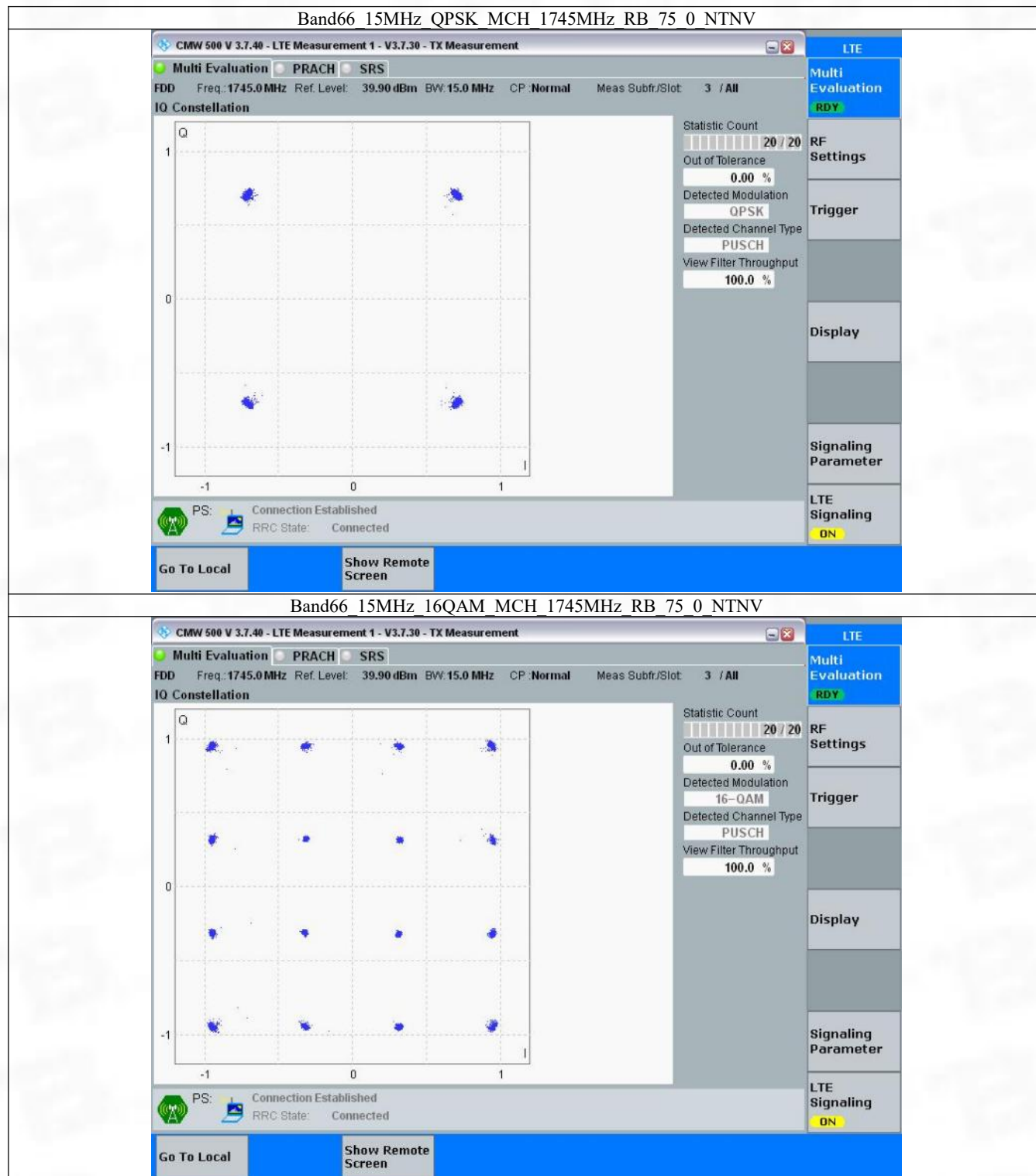
3.2.3 B66_5MHz



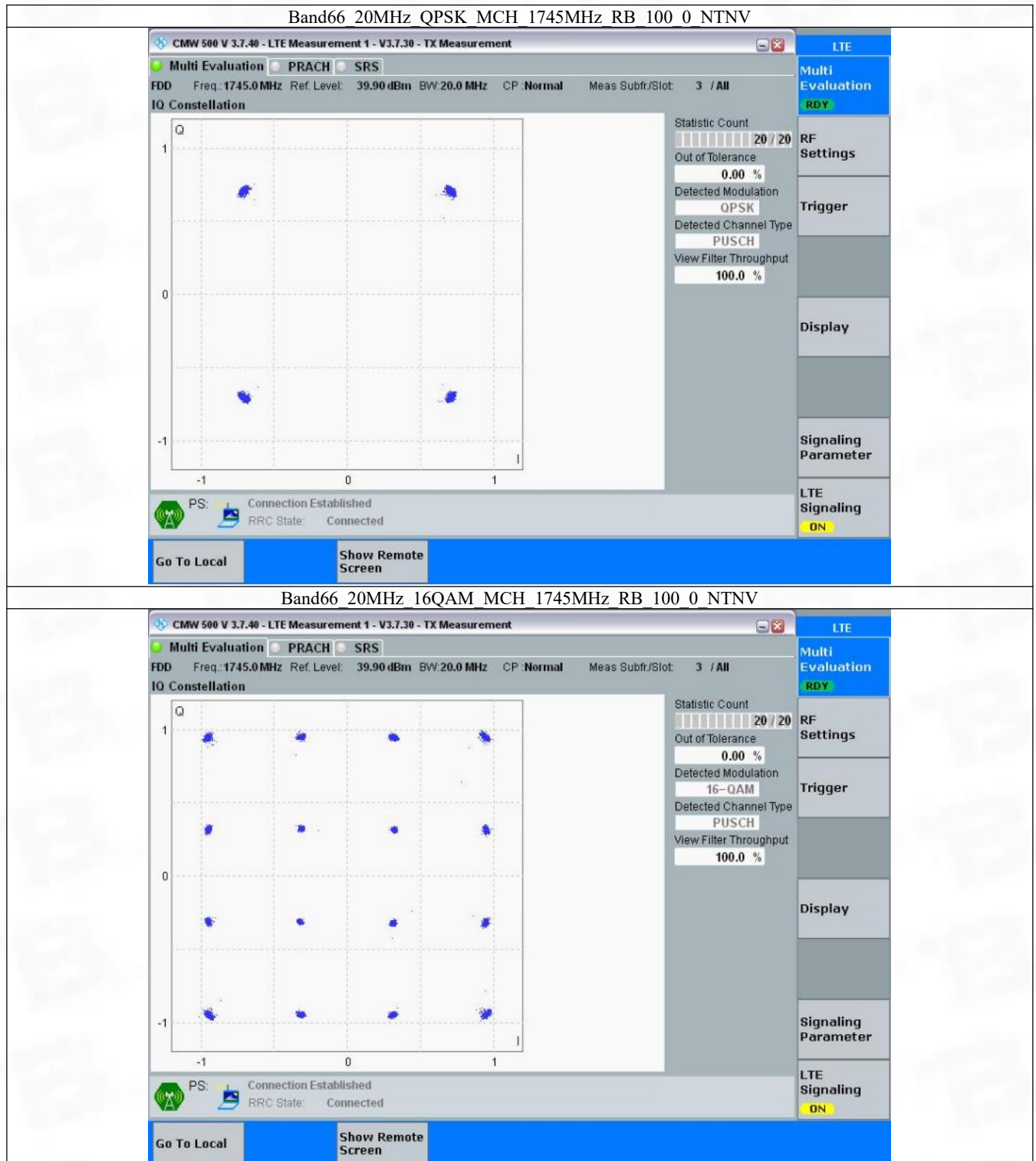
3.2.4 B66_10MHz



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	1.111	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.114	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.114	/	Pass
3	QPSK	1711.5	15	0	2.724	/	Pass
		1745	15	0	2.724	/	Pass
		1778.5	15	0	2.729	/	Pass
	16QAM	1711.5	15	0	2.712	/	Pass
		1745	15	0	2.723	/	Pass
		1778.5	15	0	2.731	/	Pass
5	QPSK	1712.5	25	0	4.571	/	Pass
		1745	25	0	4.567	/	Pass
		1777.5	25	0	4.579	/	Pass
	16QAM	1712.5	25	0	4.568	/	Pass
		1745	25	0	4.580	/	Pass
		1777.5	25	0	4.576	/	Pass
10	QPSK	1715	50	0	9.100	/	Pass
		1745	50	0	9.061	/	Pass
		1775	50	0	9.094	/	Pass
	16QAM	1715	50	0	9.087	/	Pass
		1745	50	0	9.065	/	Pass
		1775	50	0	9.066	/	Pass
15	QPSK	1717.5	75	0	13.606	/	Pass
		1745	75	0	13.599	/	Pass
		1772.5	75	0	13.635	/	Pass
	16QAM	1717.5	75	0	13.642	/	Pass
		1745	75	0	13.609	/	Pass
		1772.5	75	0	13.602	/	Pass
20	QPSK	1720	100	0	18.129	/	Pass
		1745	100	0	18.094	/	Pass
		1770	100	0	18.102	/	Pass
	16QAM	1720	100	0	18.097	/	Pass
		1745	100	0	18.096	/	Pass
		1770	100	0	18.120	/	Pass

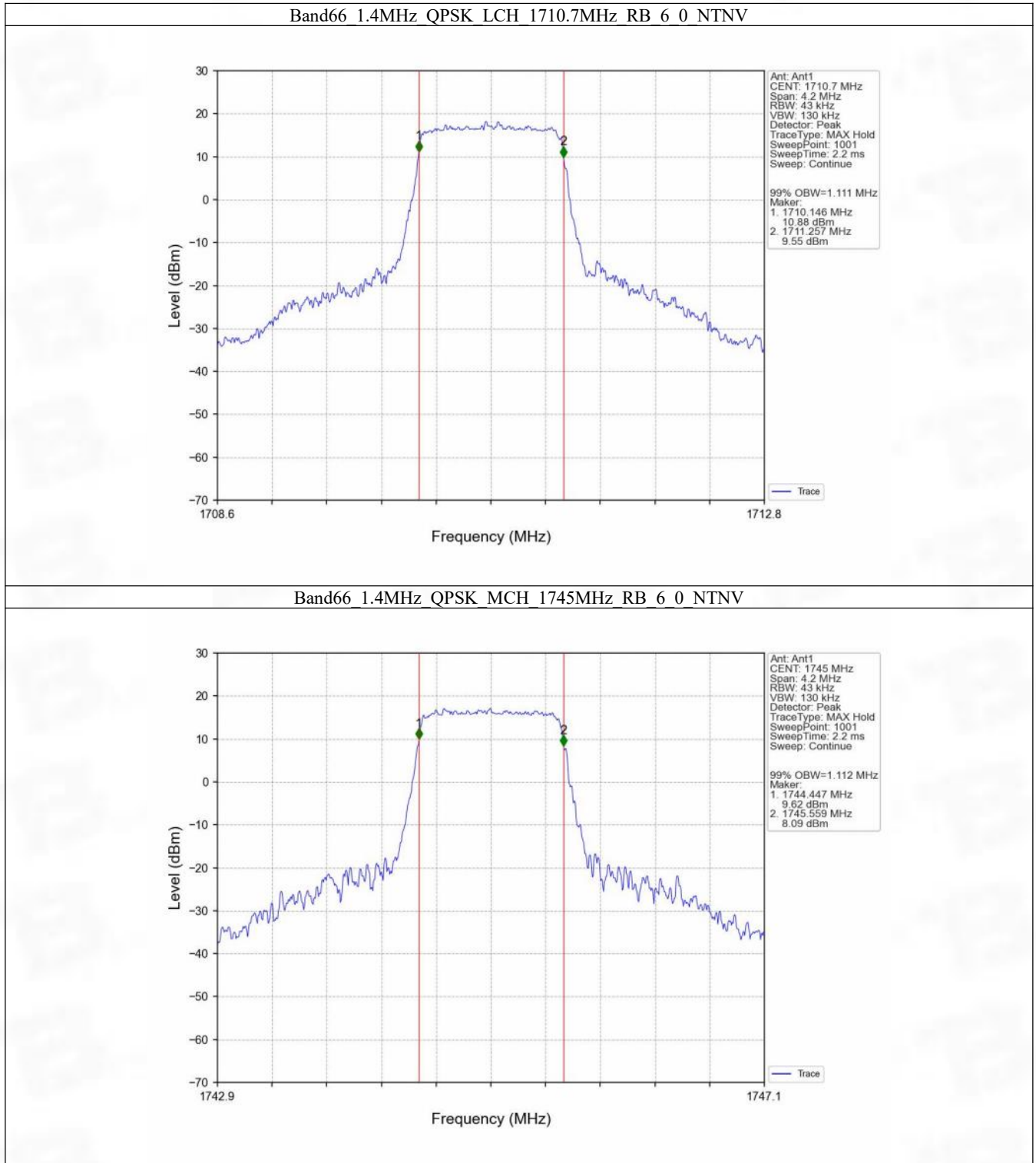
4.1.2 Band66_XDB

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	1.312	/	Pass
		1745	6	0	1.310	/	Pass
		1779.3	6	0	1.318	/	Pass
	16QAM	1710.7	6	0	1.313	/	Pass
		1745	6	0	1.308	/	Pass

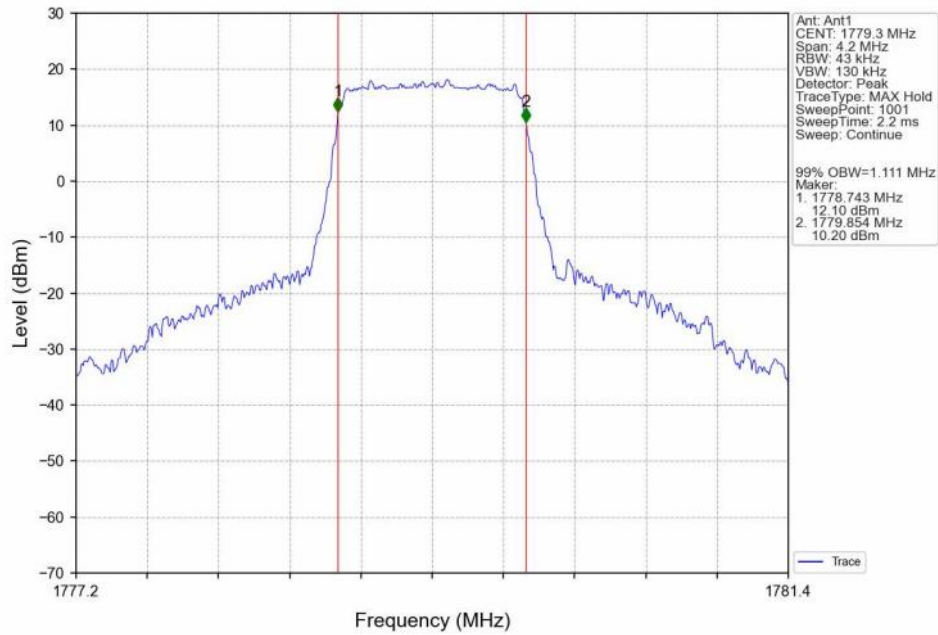
3	QPSK	1779.3	6	0	1.323	/	Pass
		1711.5	15	0	2.986	/	Pass
		1745	15	0	2.997	/	Pass
		1778.5	15	0	2.996	/	Pass
	16QAM	1711.5	15	0	2.990	/	Pass
		1745	15	0	2.986	/	Pass
		1778.5	15	0	2.998	/	Pass
		1712.5	25	0	5.262	/	Pass
5	QPSK	1745	25	0	5.252	/	Pass
		1777.5	25	0	5.315	/	Pass
		1712.5	25	0	5.256	/	Pass
	16QAM	1745	25	0	5.229	/	Pass
		1777.5	25	0	5.261	/	Pass
		1715	50	0	10.329	/	Pass
10	QPSK	1745	50	0	10.144	/	Pass
		1775	50	0	10.311	/	Pass
		1715	50	0	10.321	/	Pass
	16QAM	1745	50	0	10.256	/	Pass
		1775	50	0	10.169	/	Pass
		1717.5	75	0	15.358	/	Pass
15	QPSK	1745	75	0	15.246	/	Pass
		1772.5	75	0	15.259	/	Pass
		1717.5	75	0	15.356	/	Pass
	16QAM	1745	75	0	15.304	/	Pass
		1772.5	75	0	15.339	/	Pass
		1720	100	0	20.214	/	Pass
20	QPSK	1745	100	0	20.065	/	Pass
		1770	100	0	20.006	/	Pass
		1720	100	0	20.227	/	Pass
	16QAM	1745	100	0	20.154	/	Pass
		1770	100	0	20.015	/	Pass
		1770	100	0	20.015	/	Pass

4.2 Test Graph

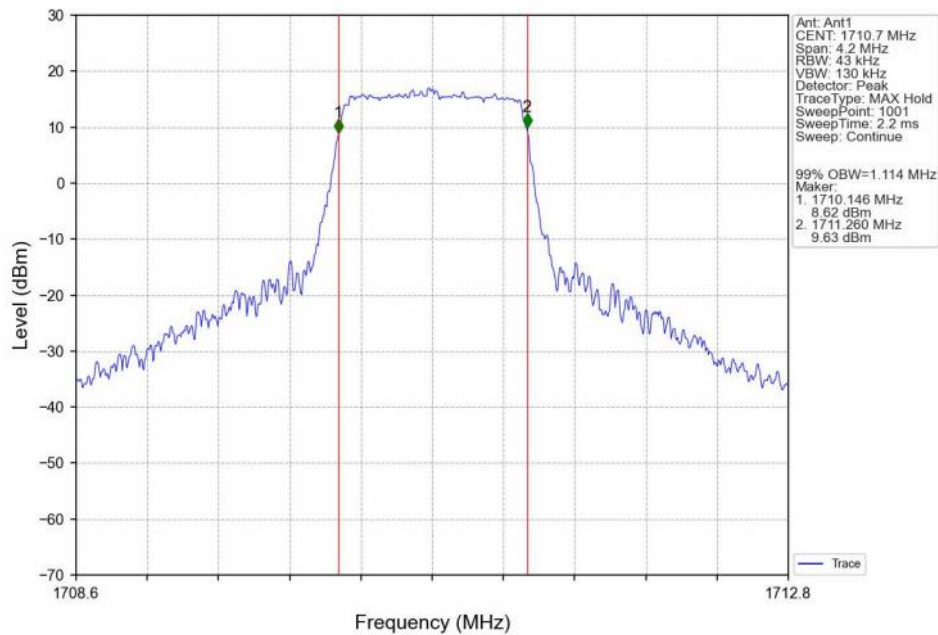
4.2.1 Band66_OBW



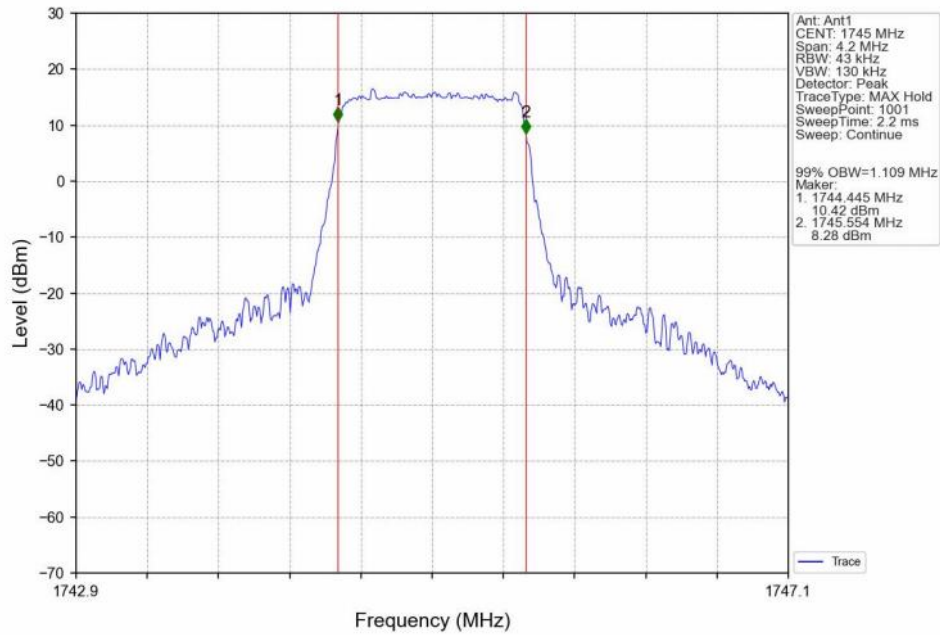
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



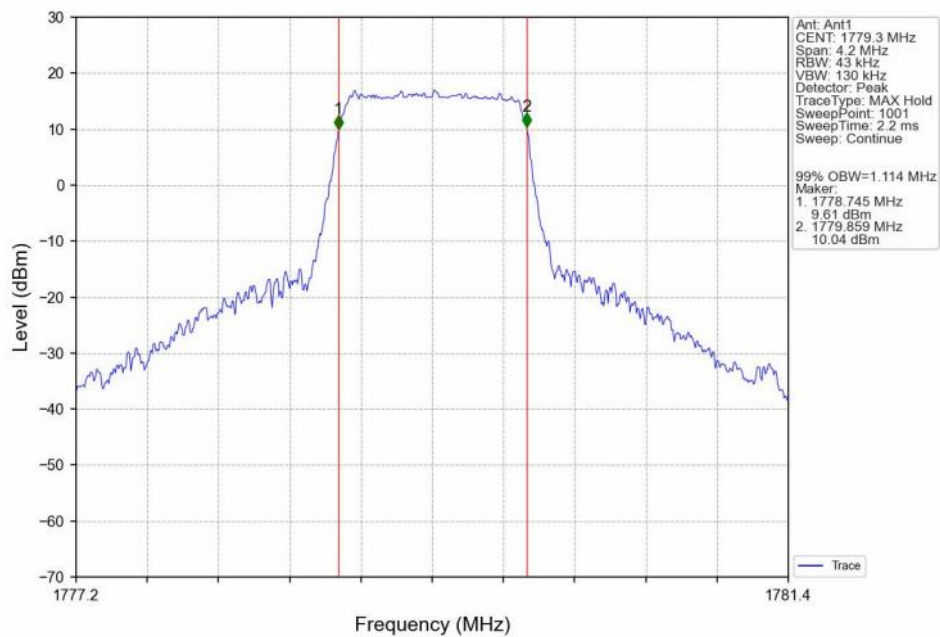
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



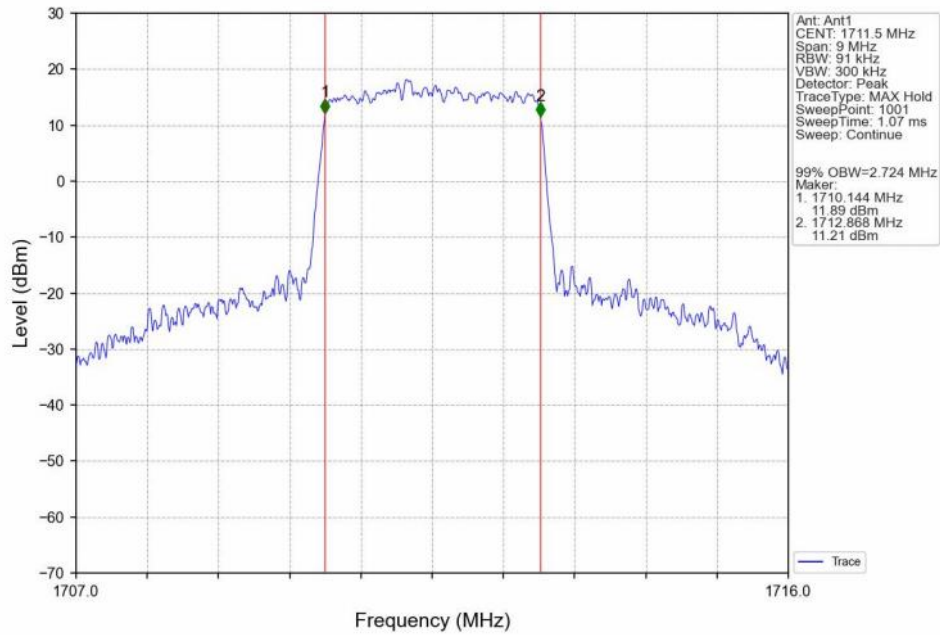
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



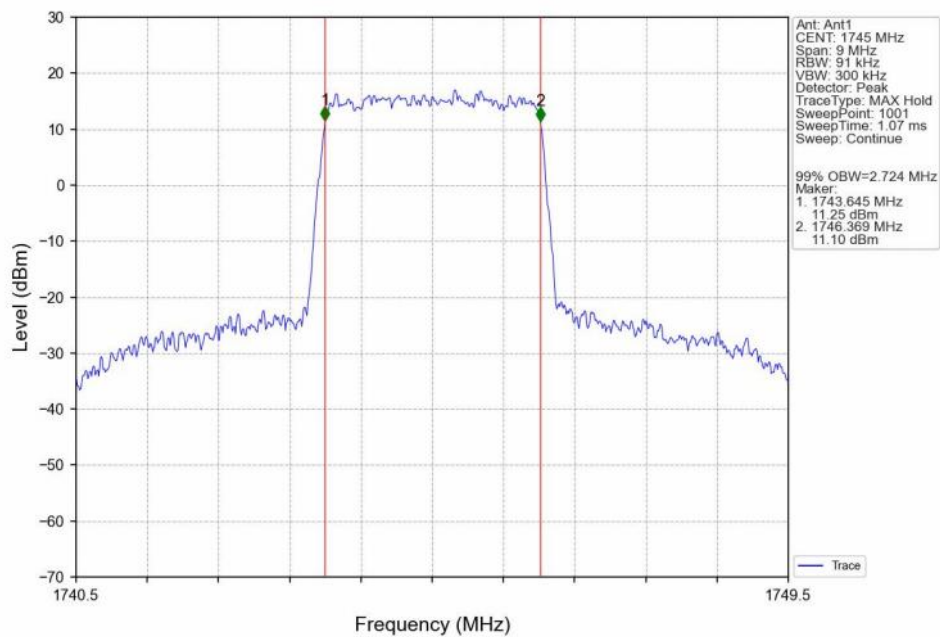
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



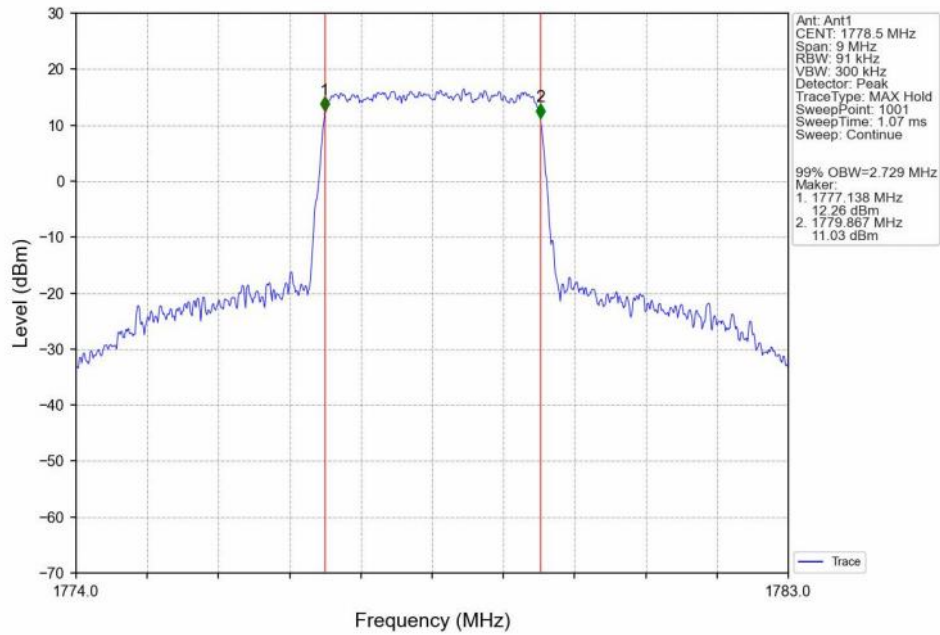
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



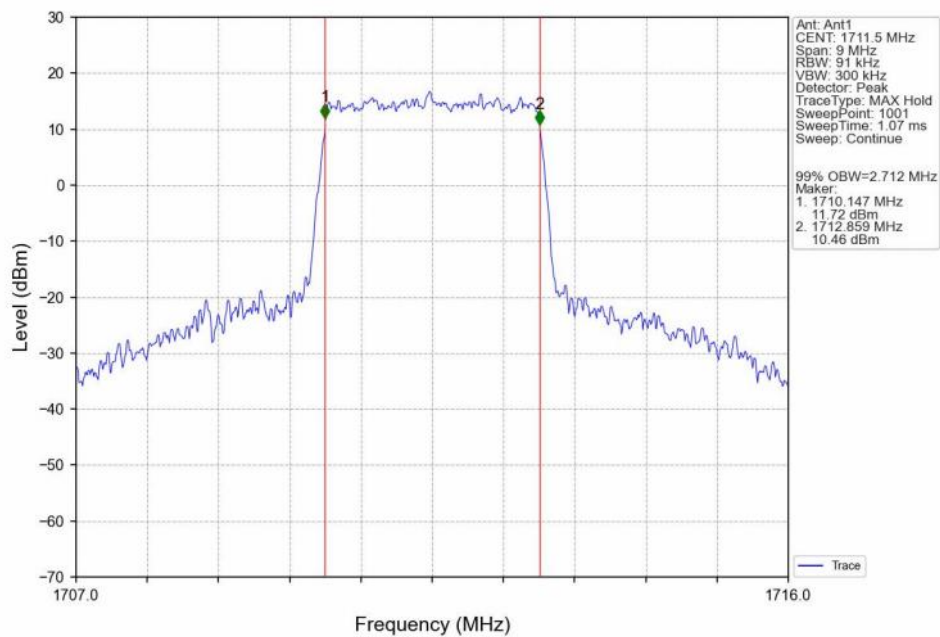
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



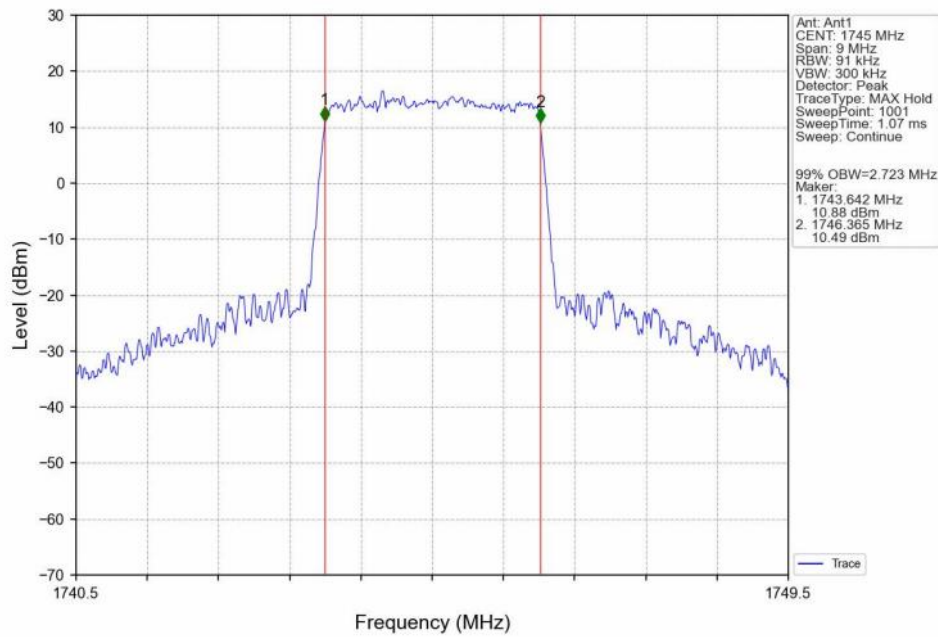
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



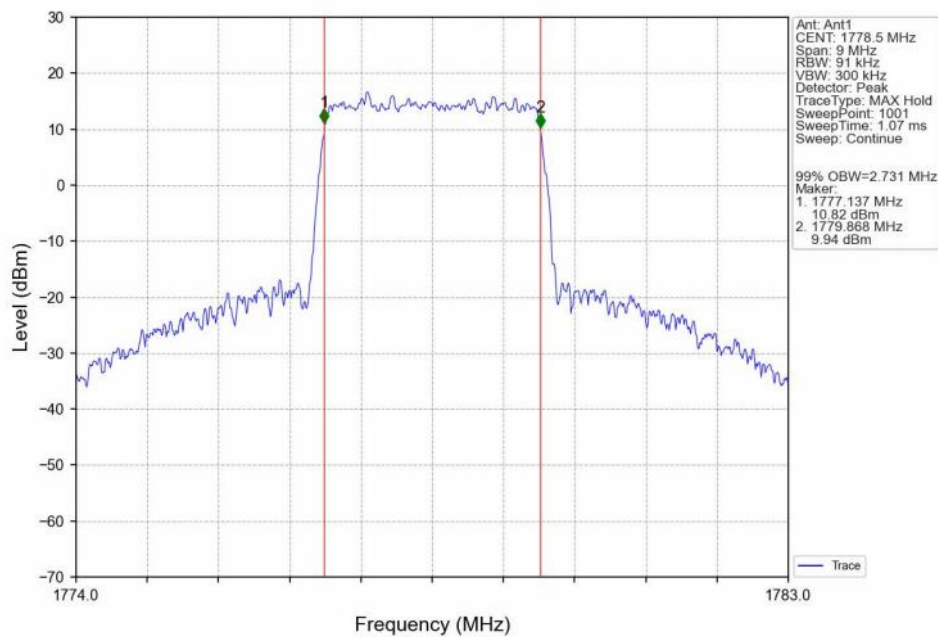
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



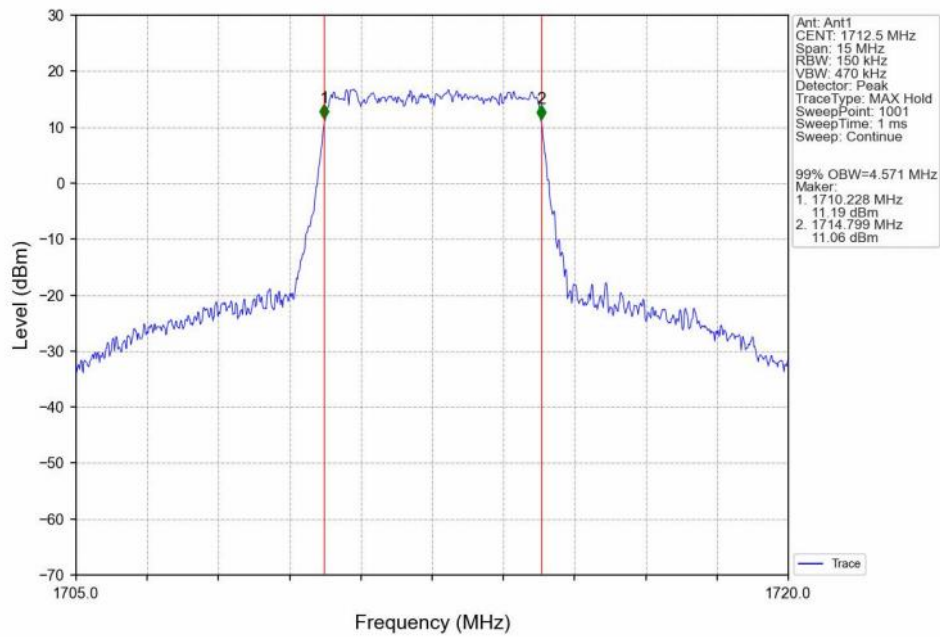
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



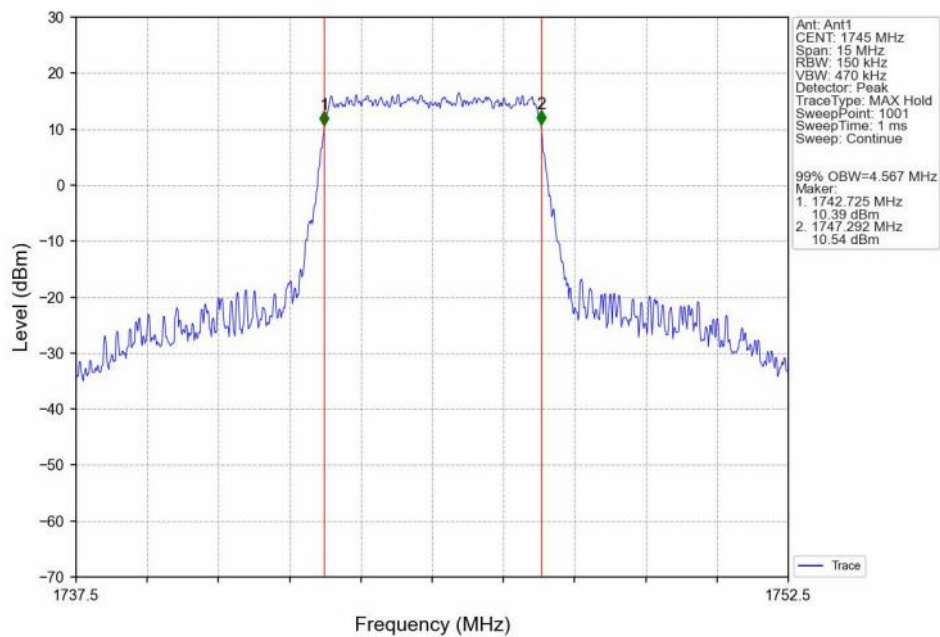
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



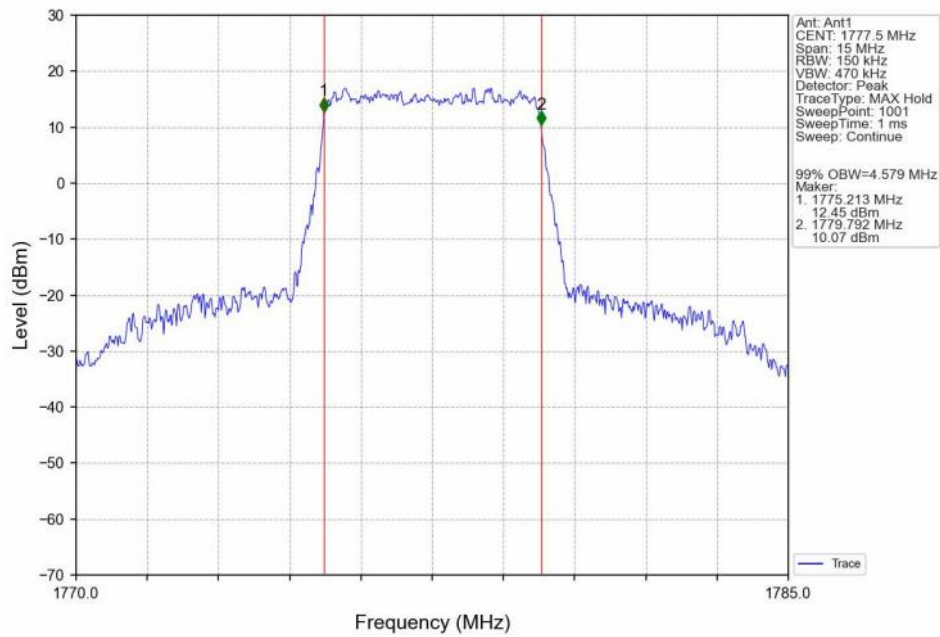
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



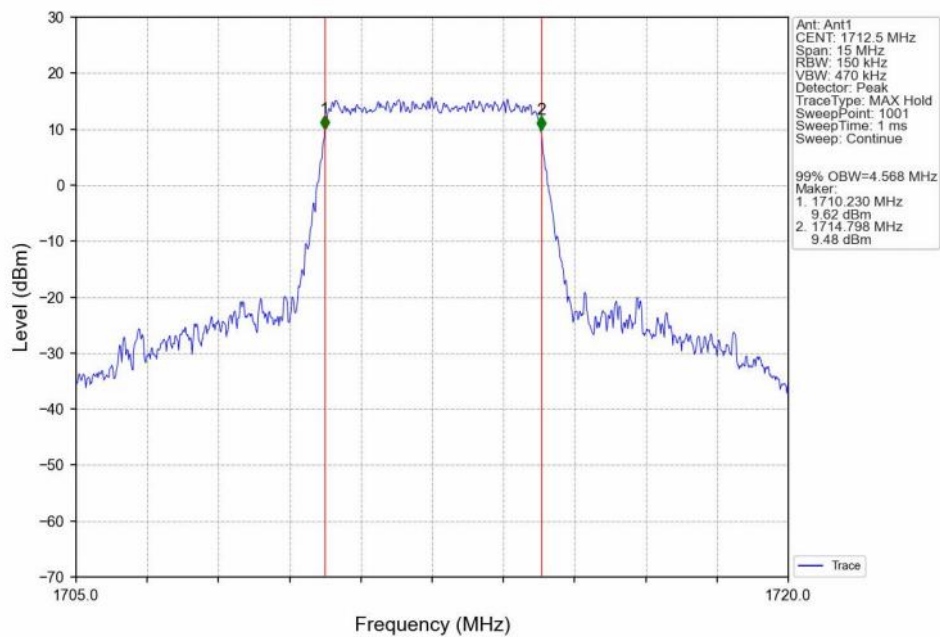
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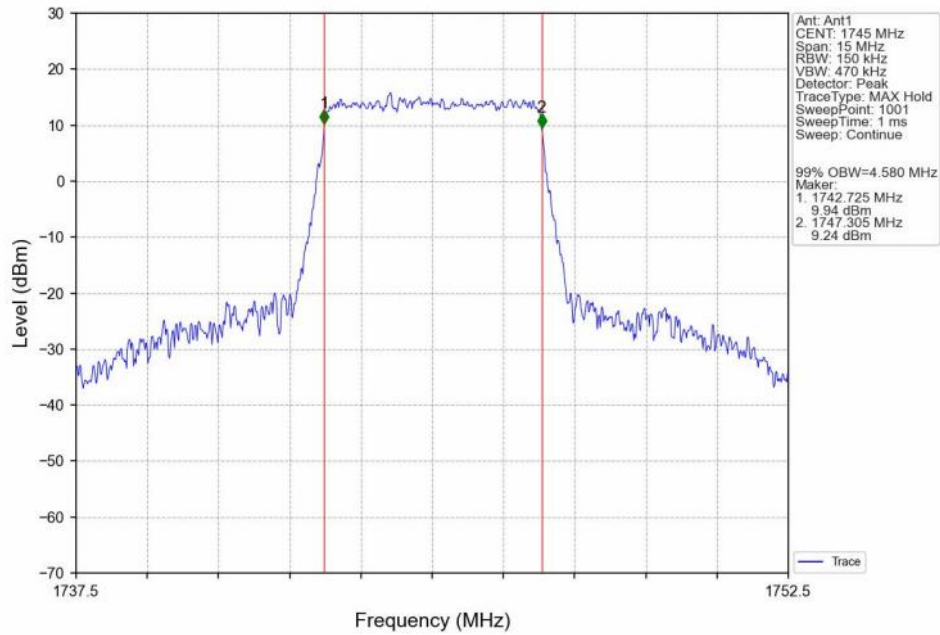
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



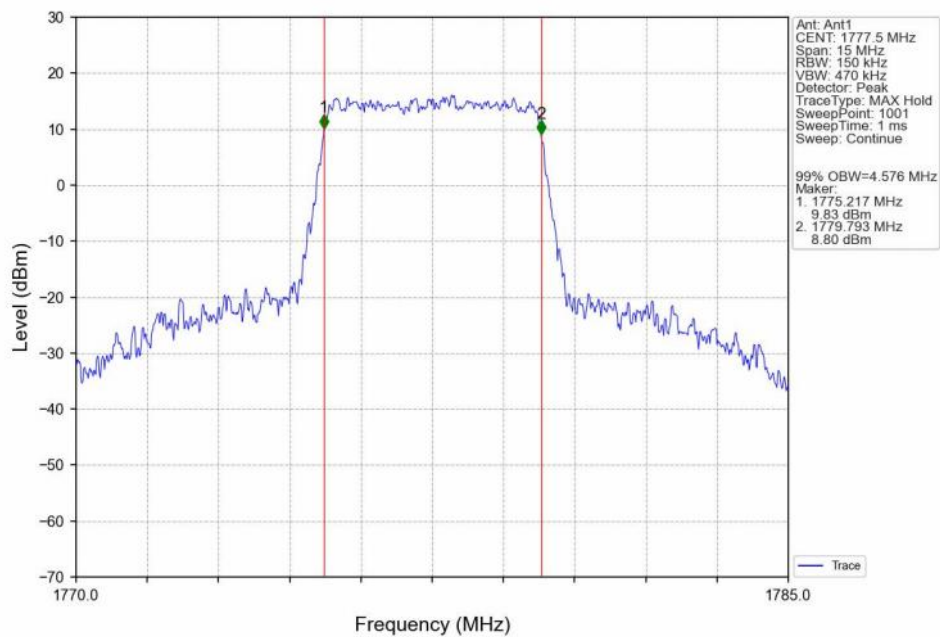
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



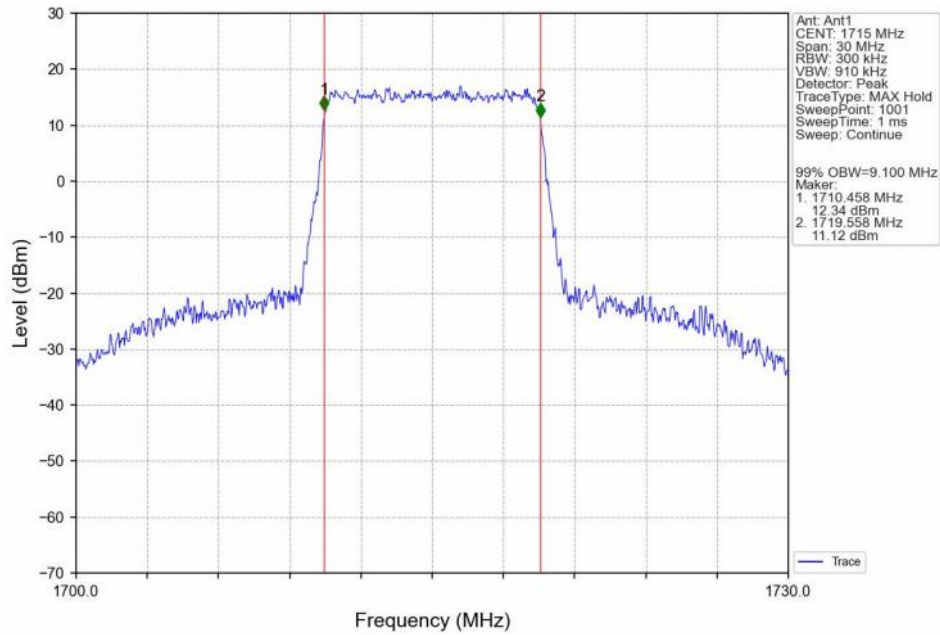
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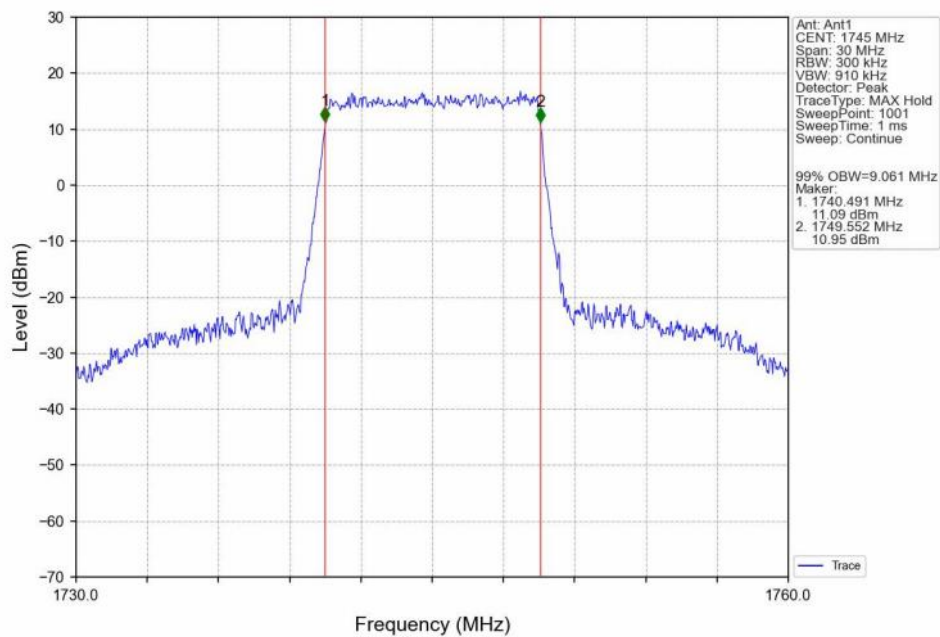
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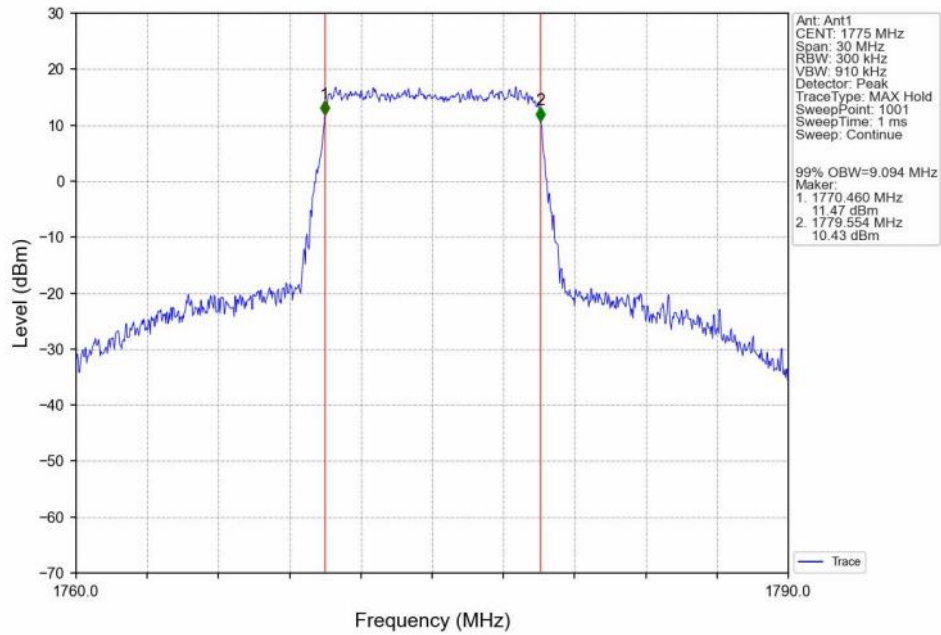
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



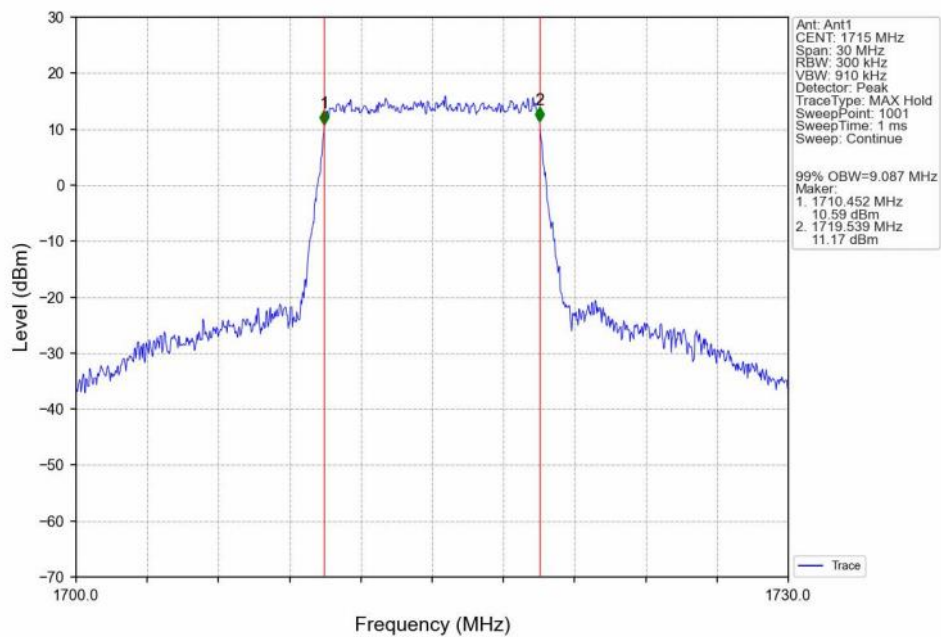
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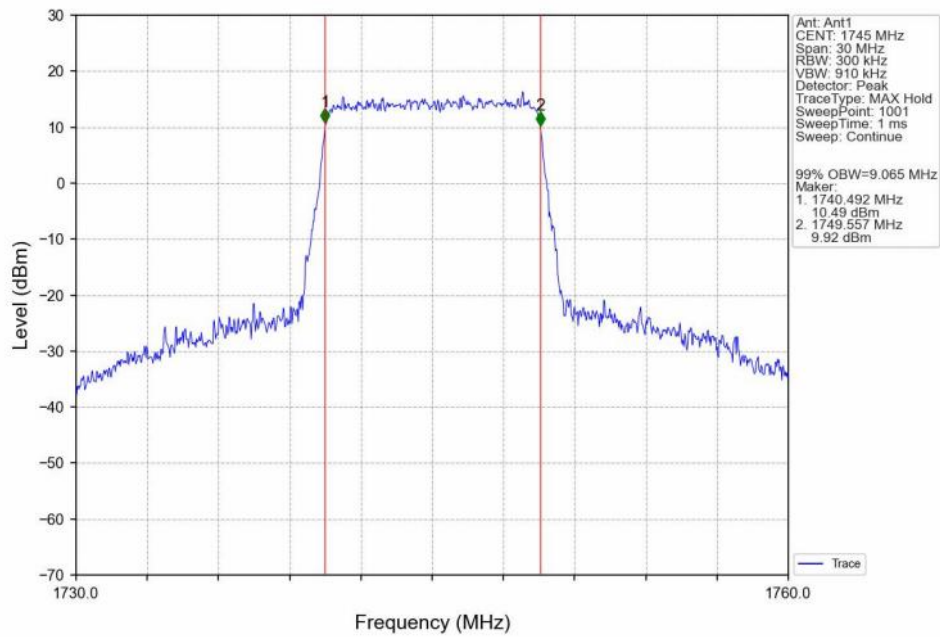
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



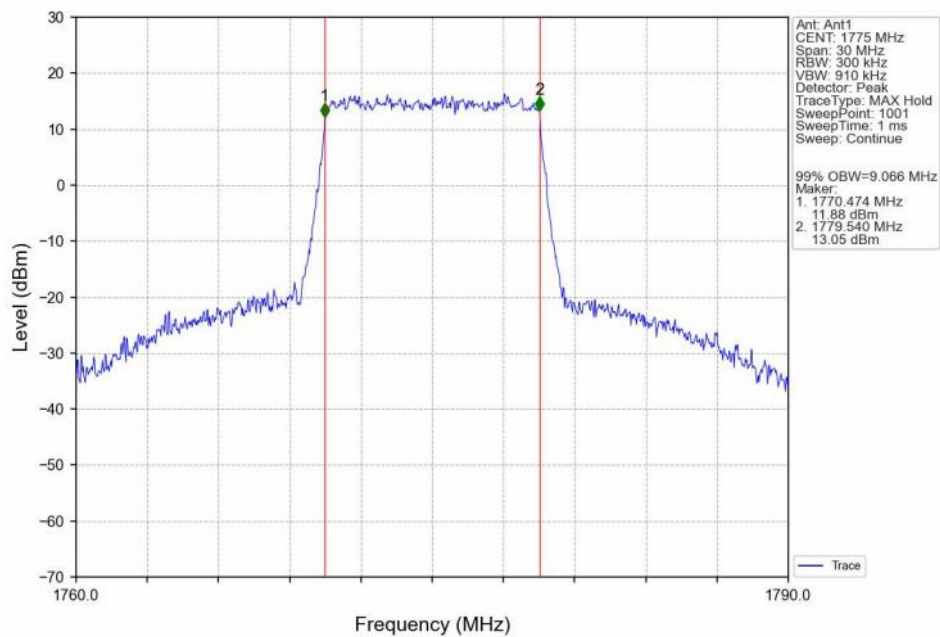
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



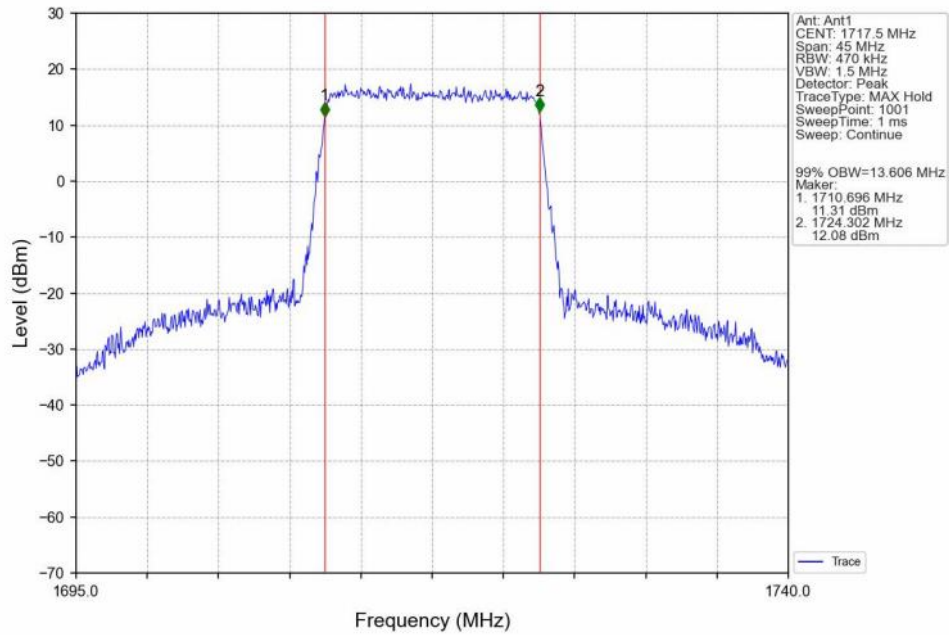
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



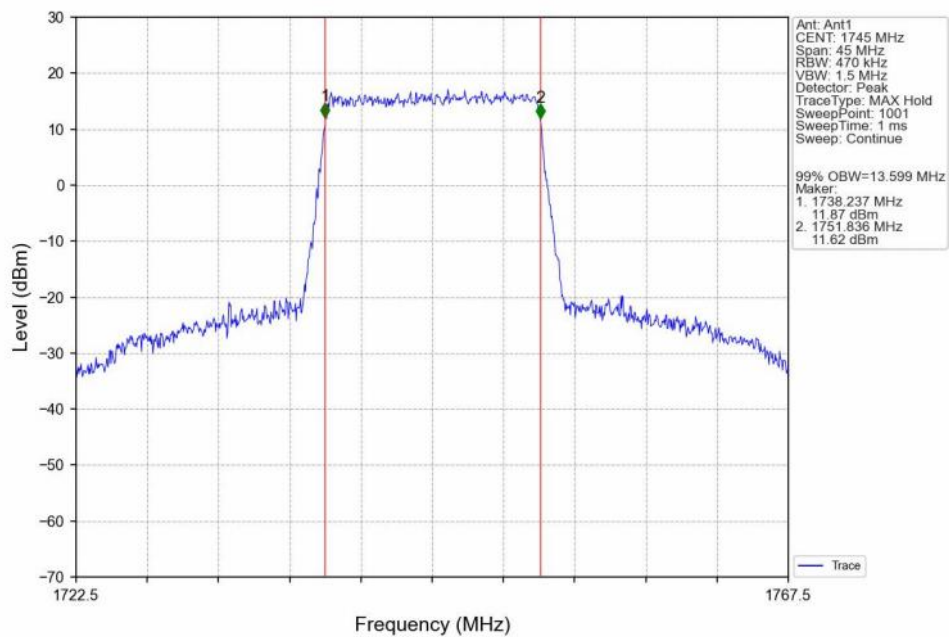
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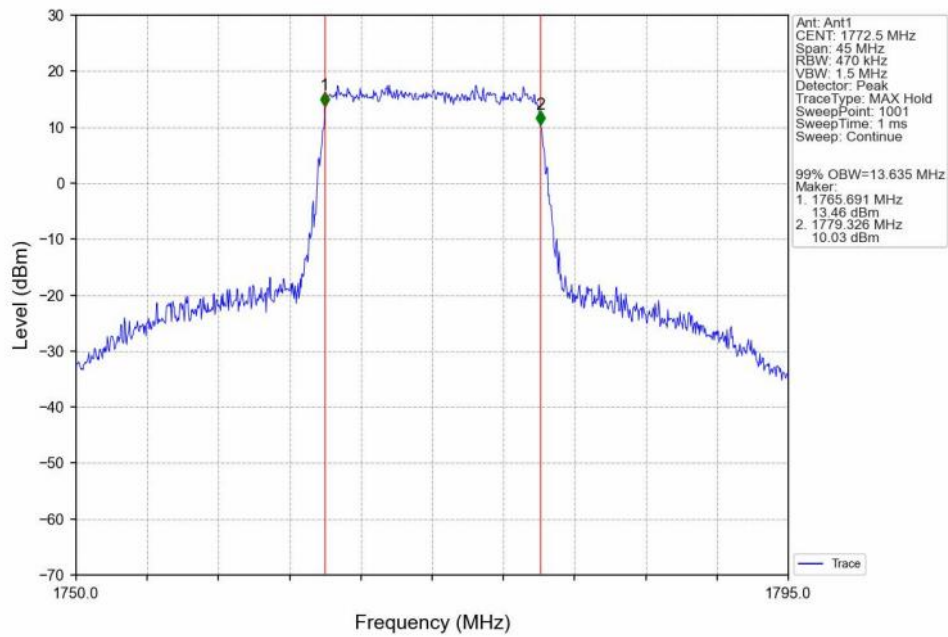
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



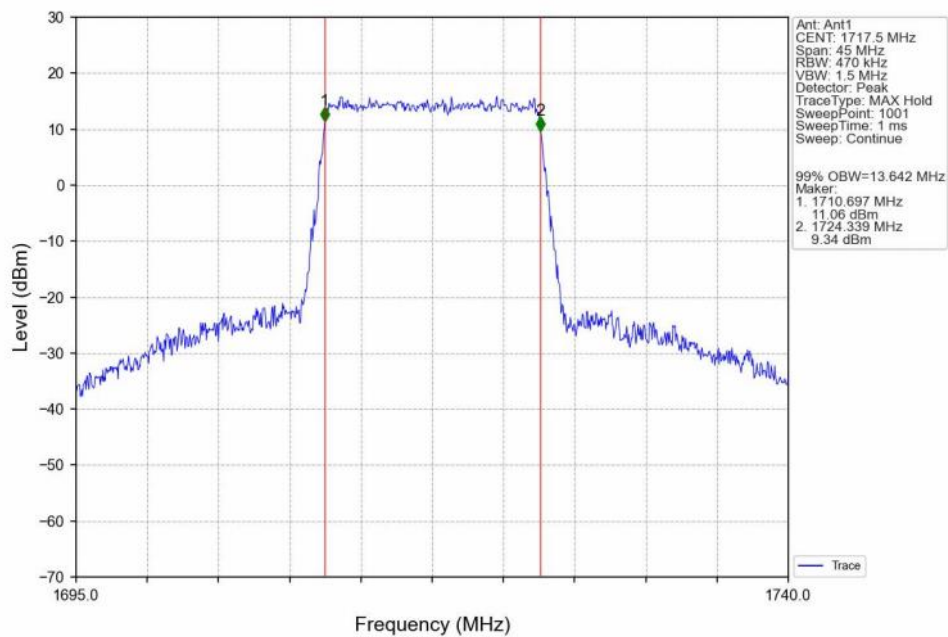
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



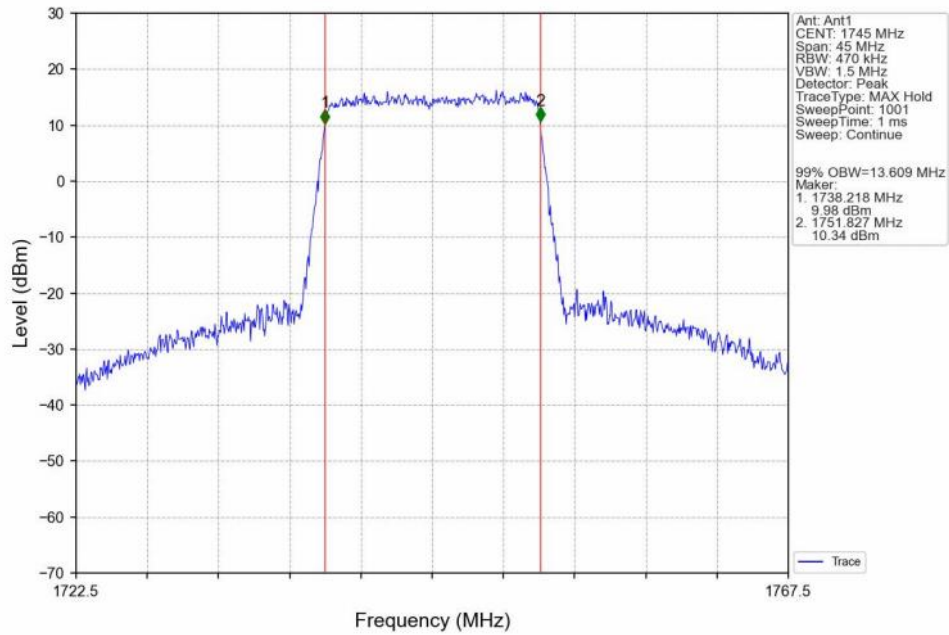
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



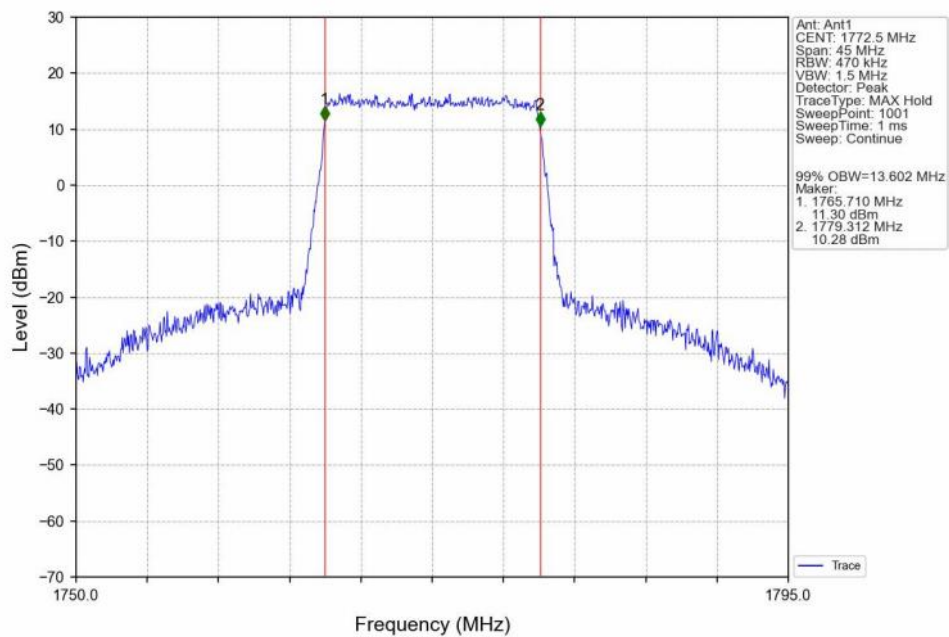
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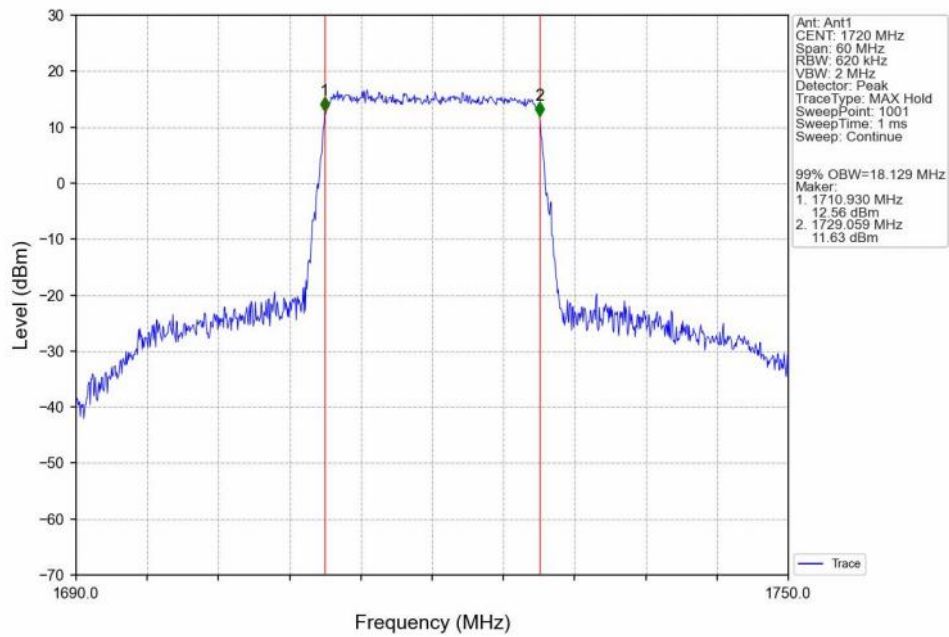
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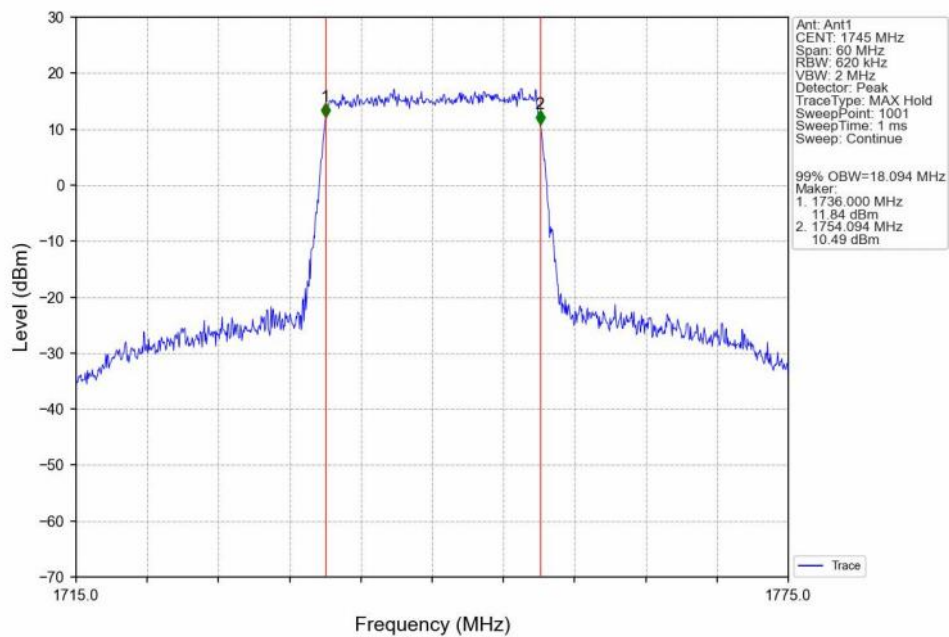
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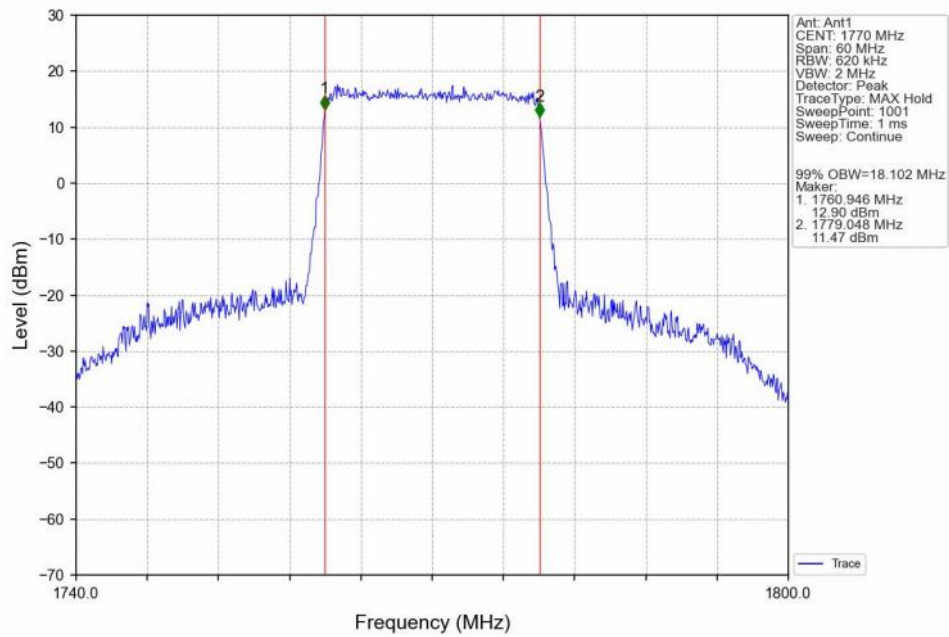
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



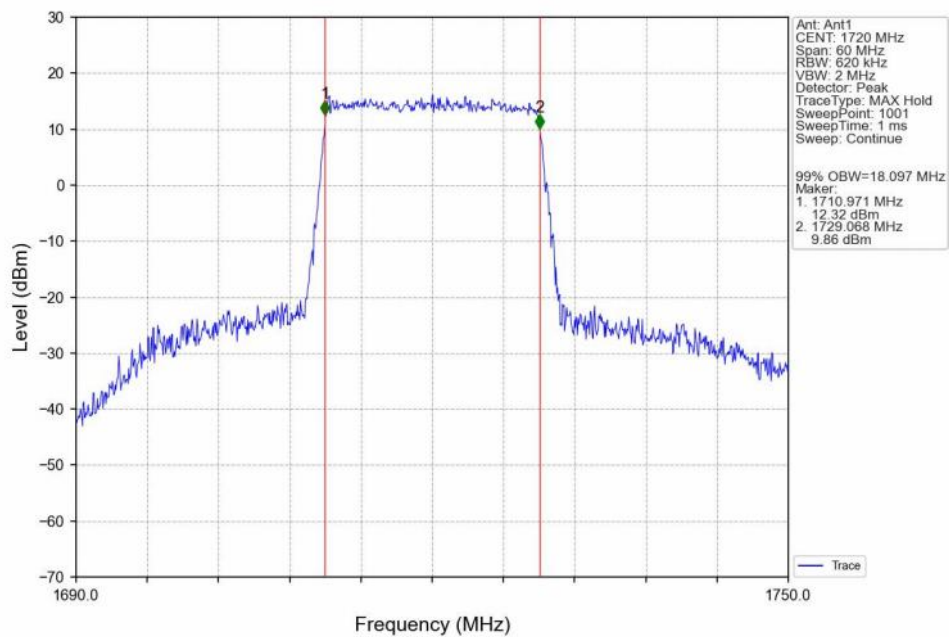
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



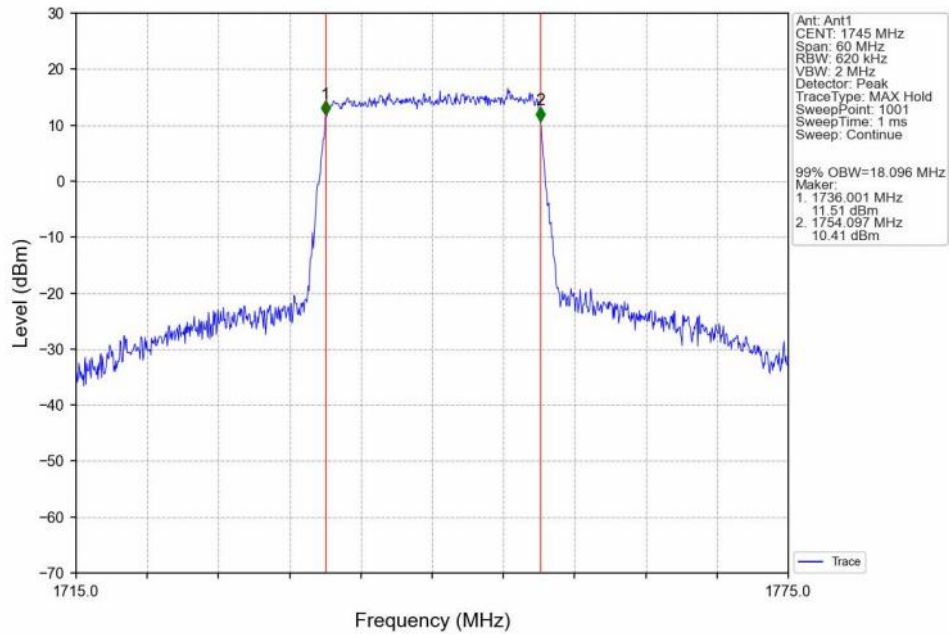
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



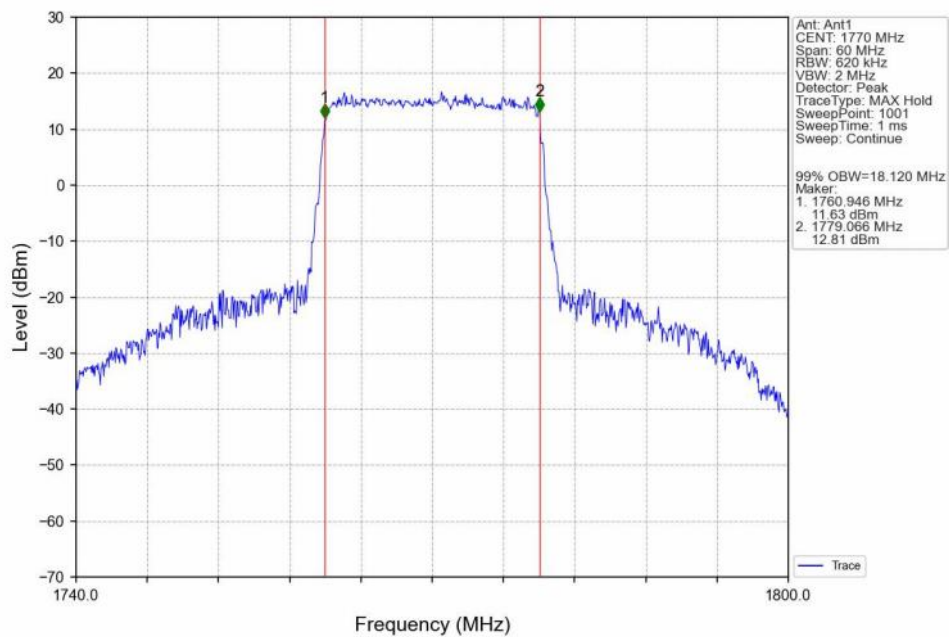
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



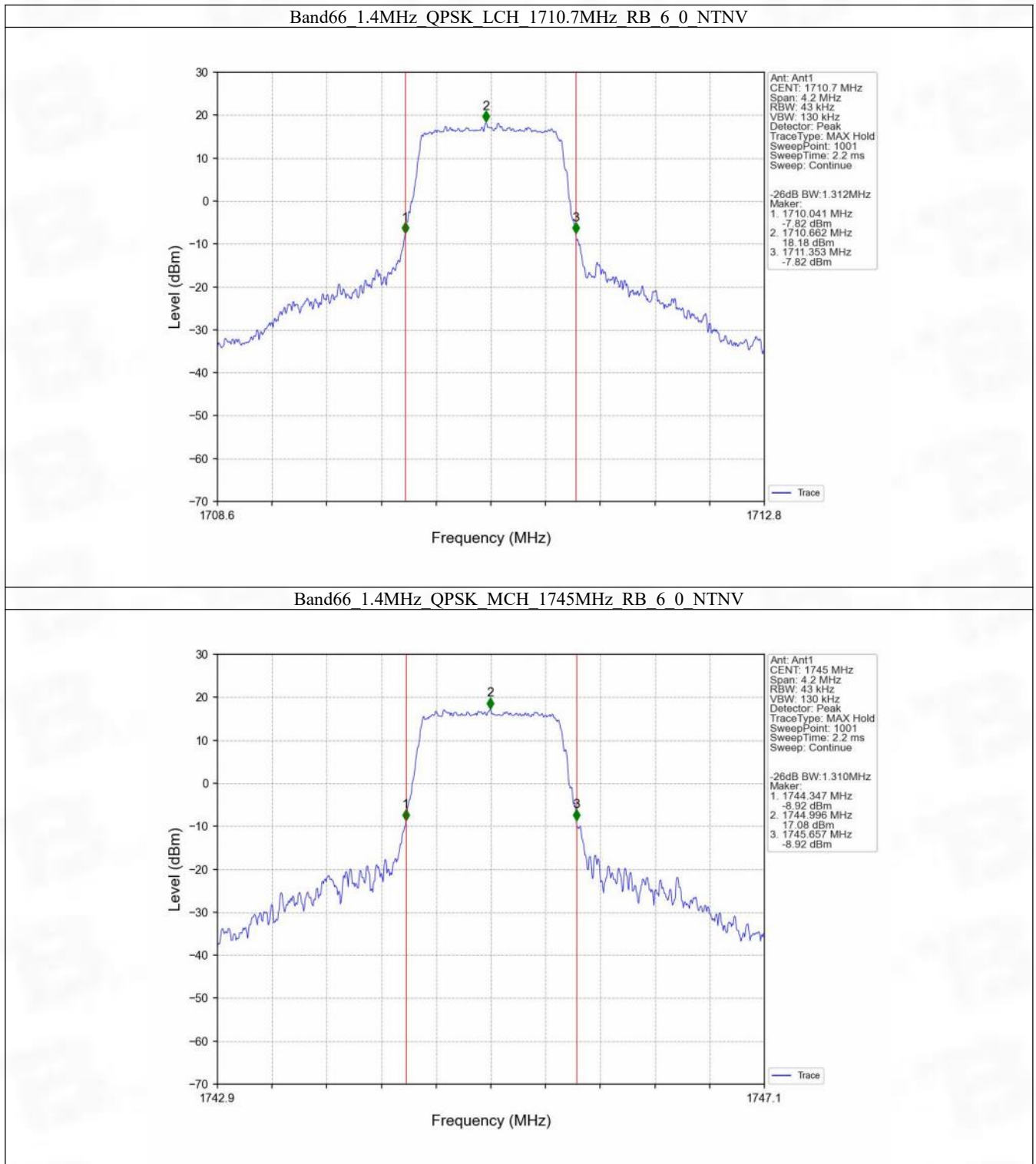
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



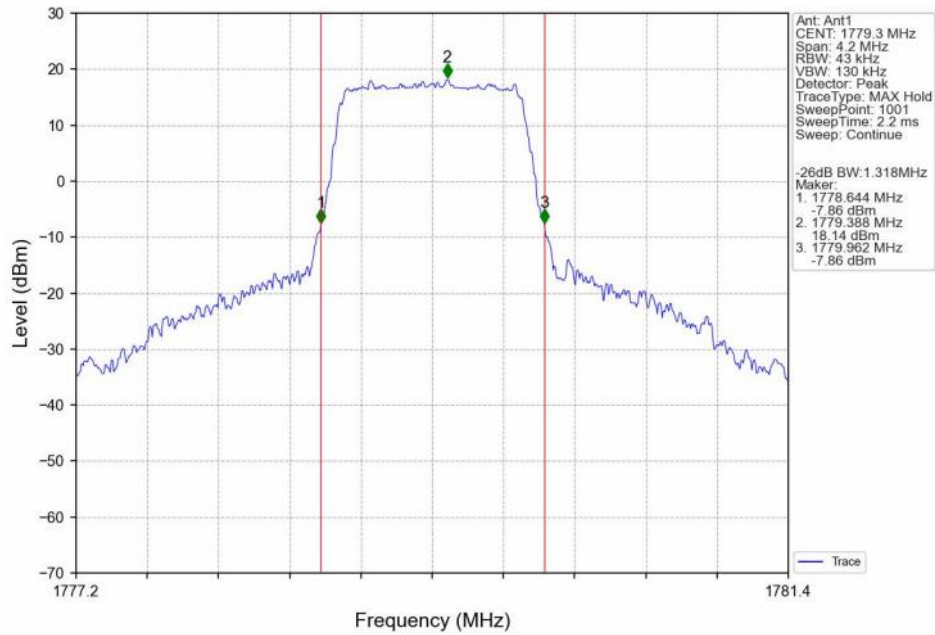
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



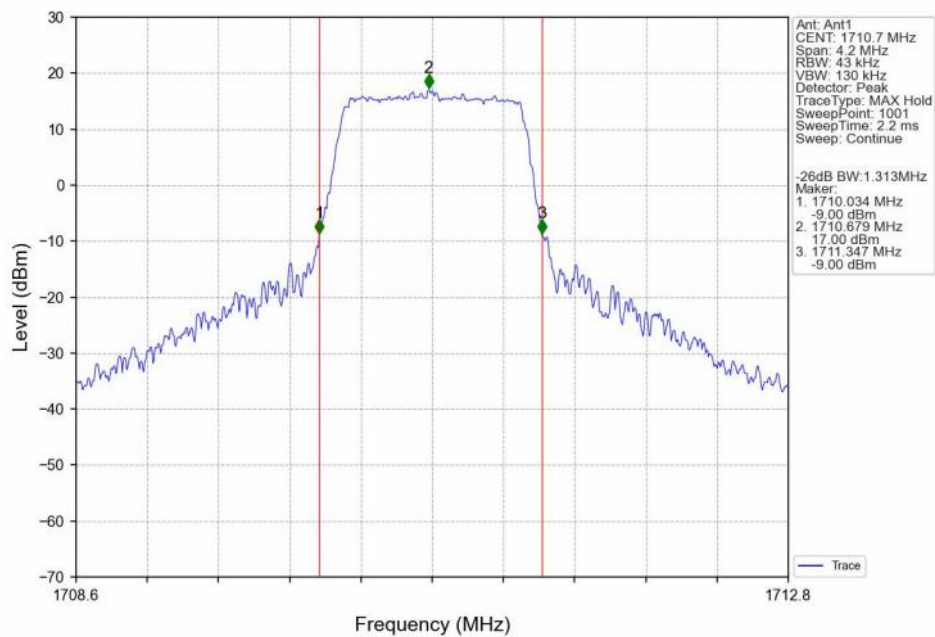
4.2.2 Band66_XDB



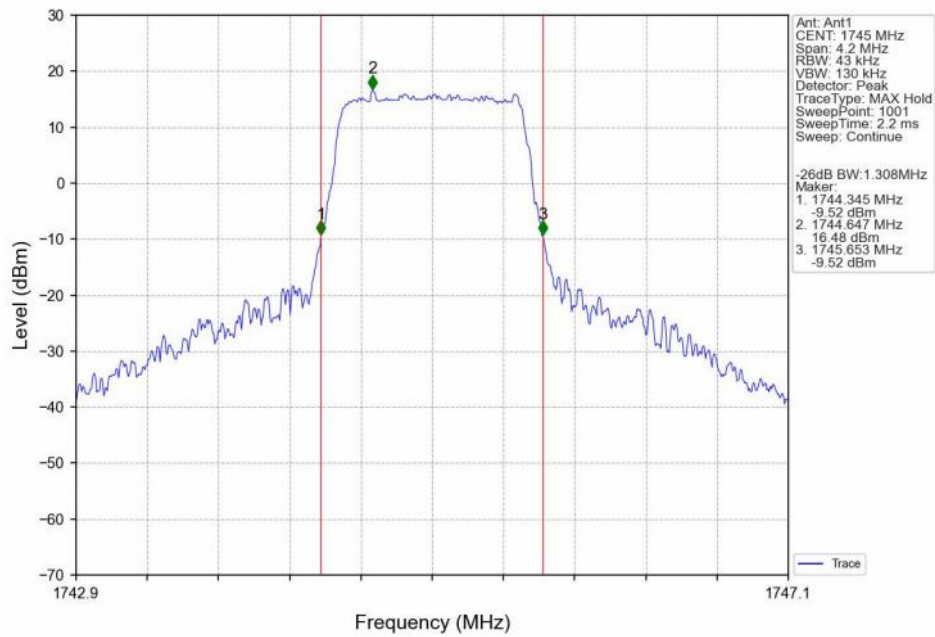
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



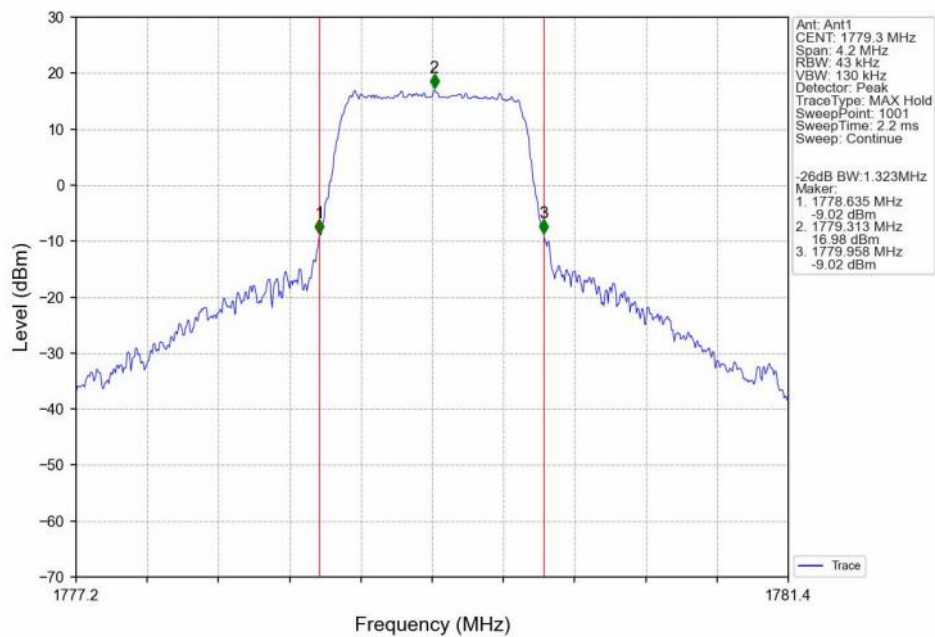
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



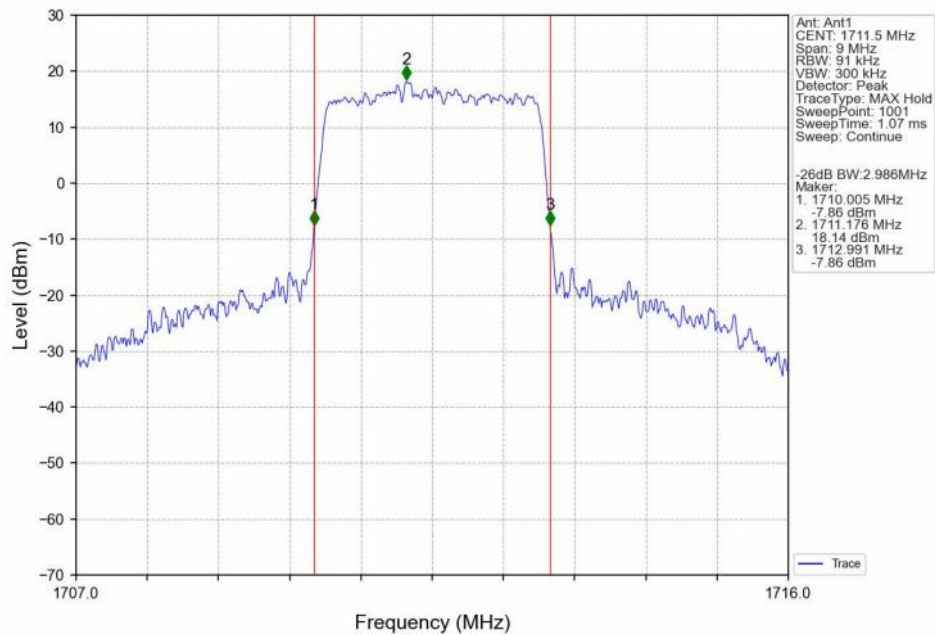
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



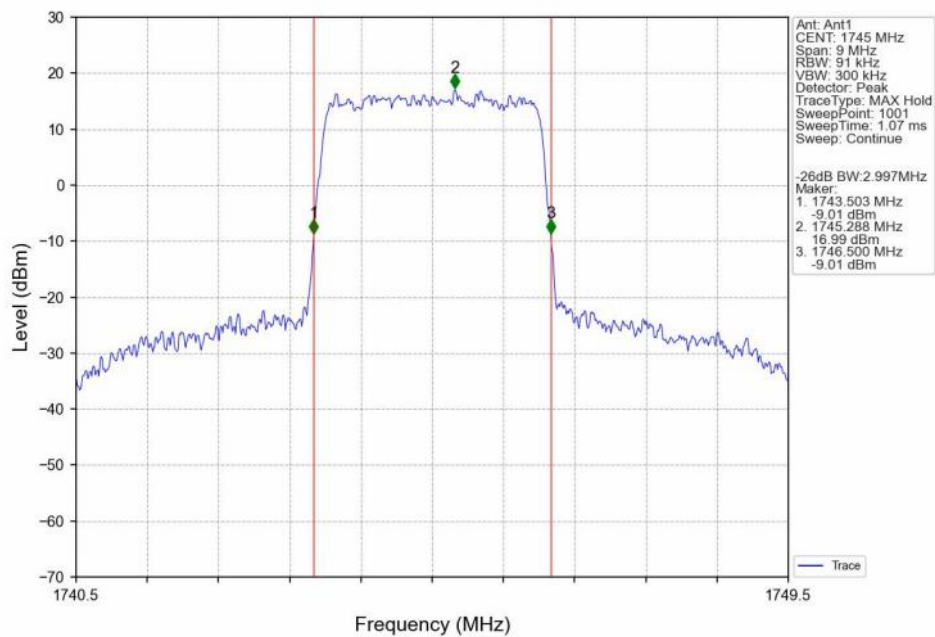
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



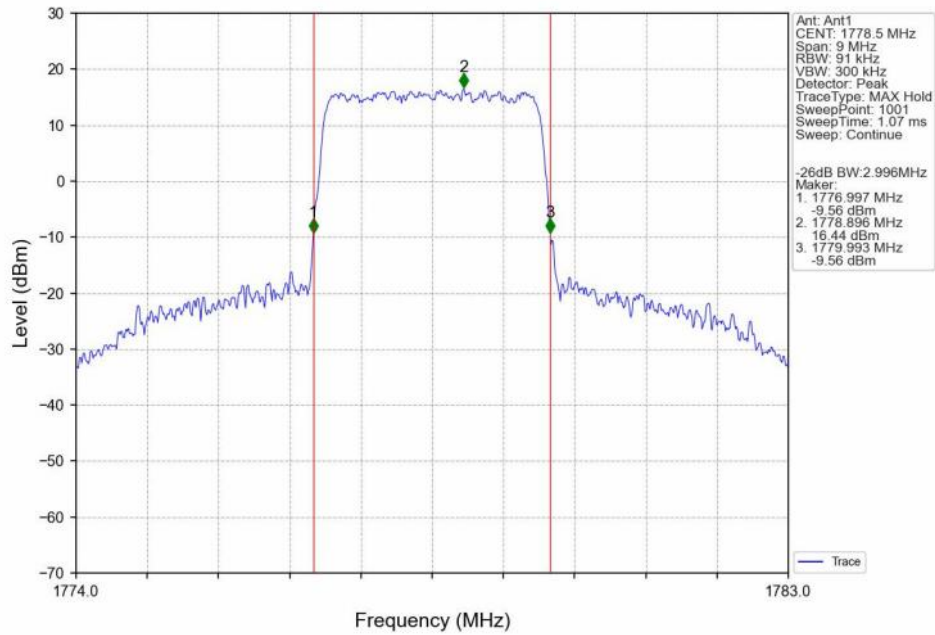
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



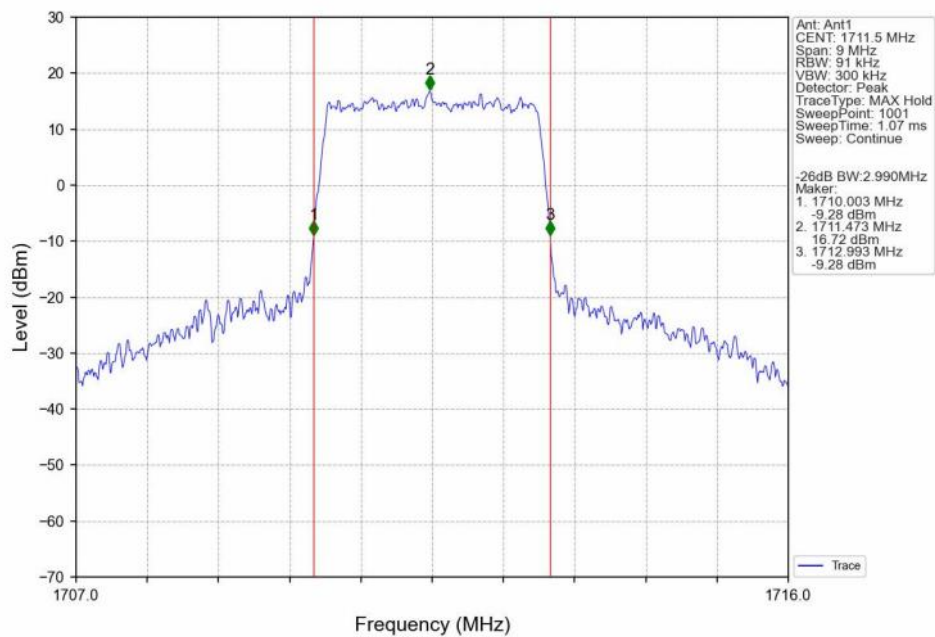
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



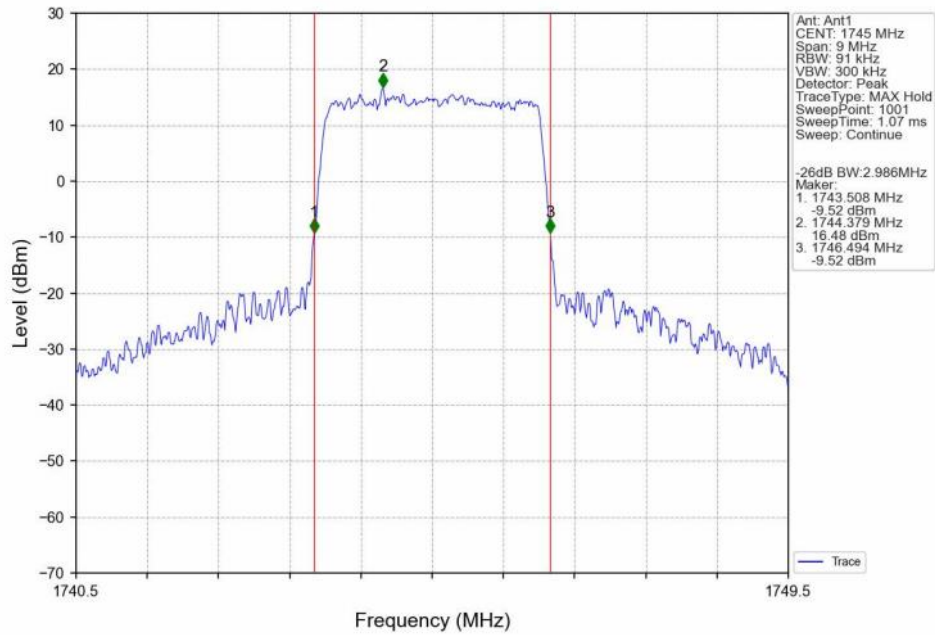
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



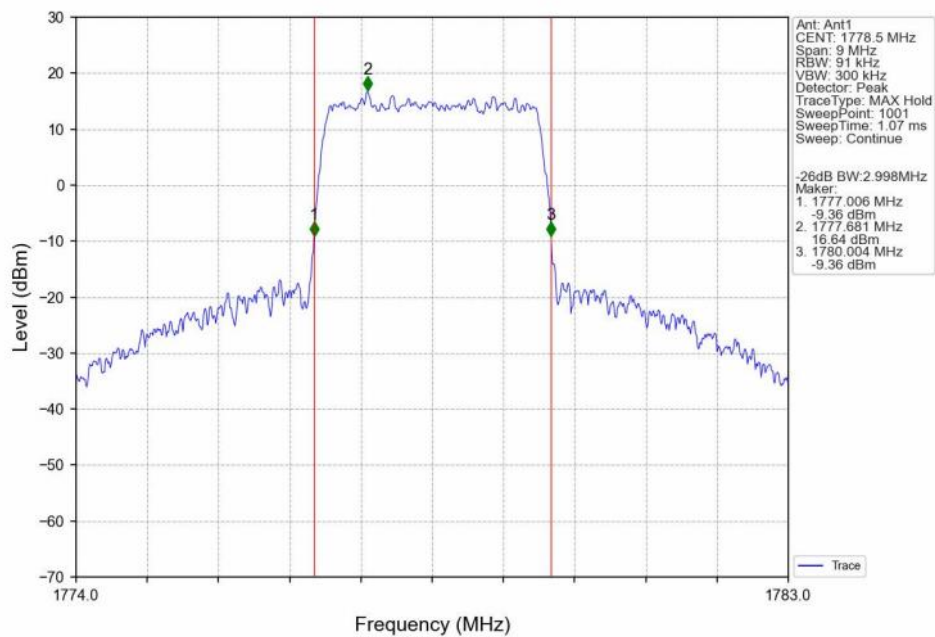
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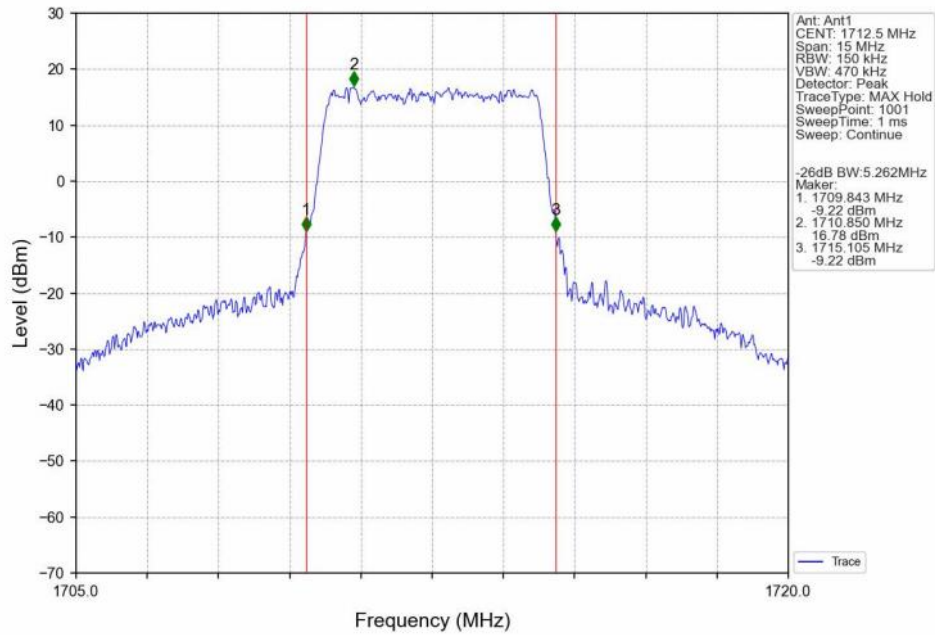
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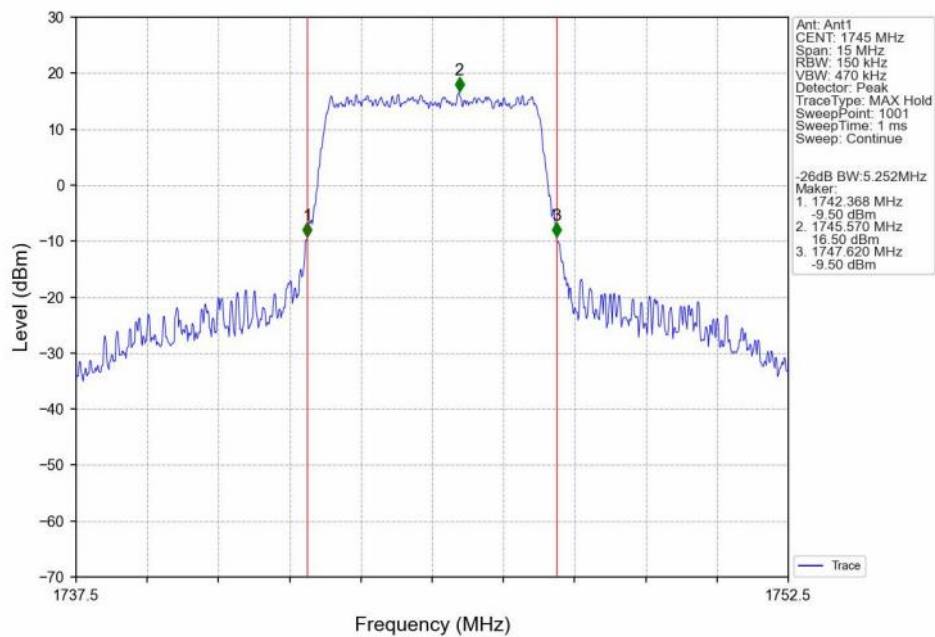
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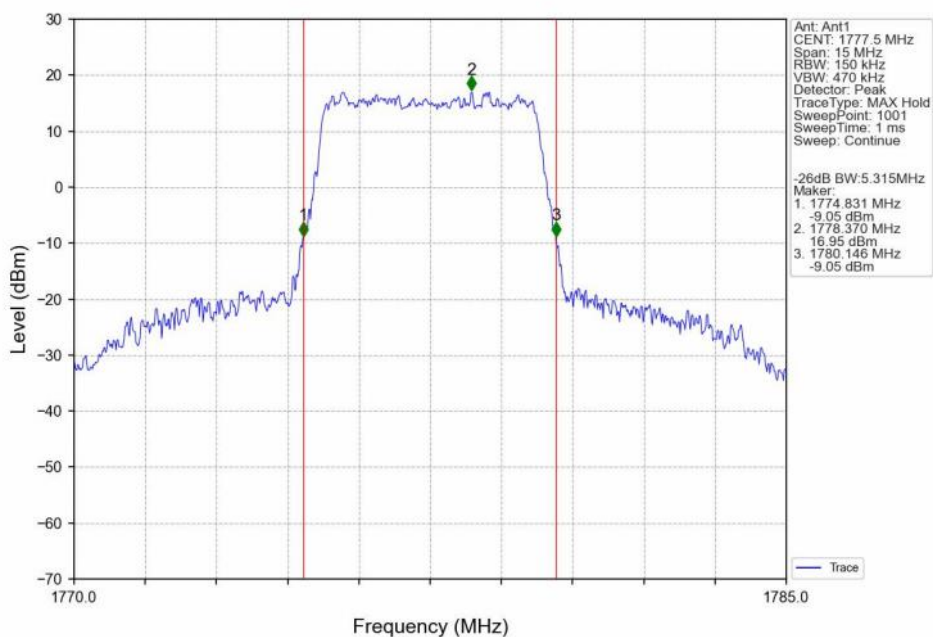
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



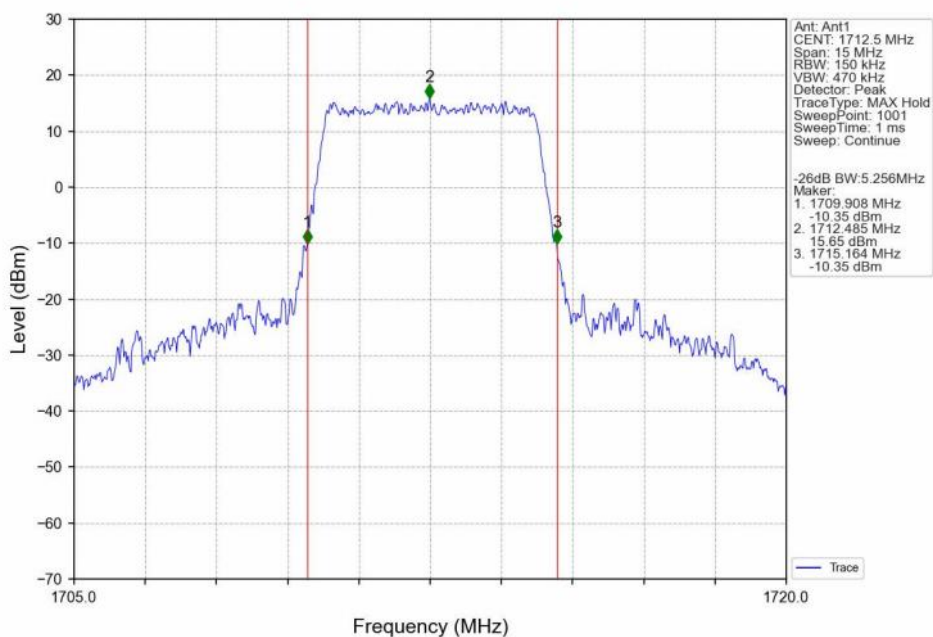
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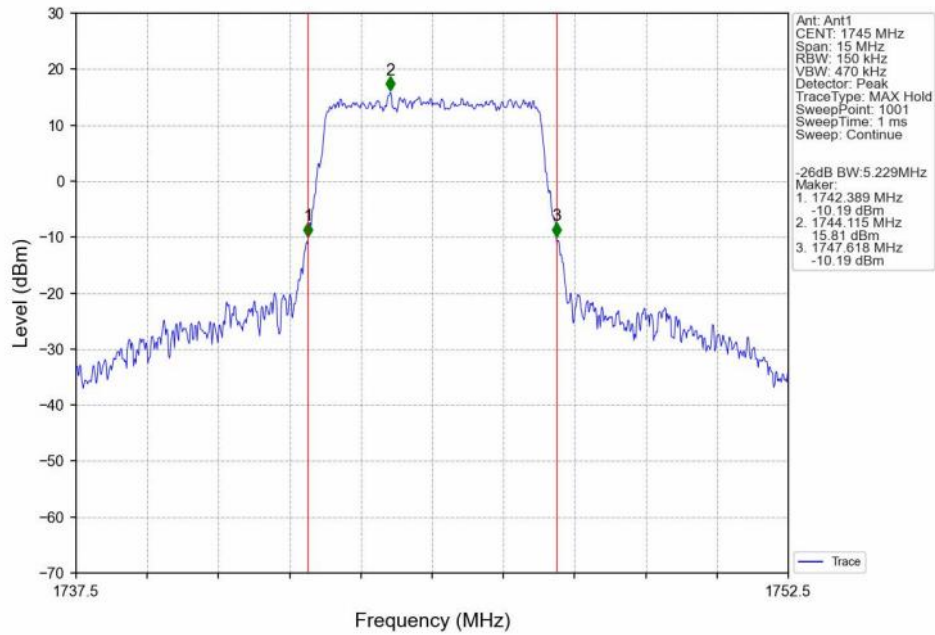
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



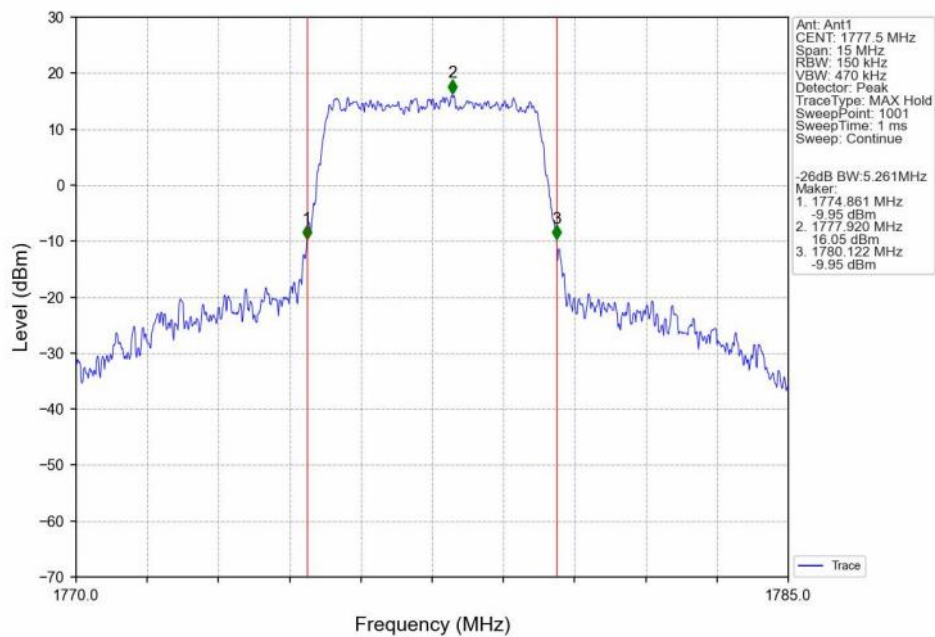
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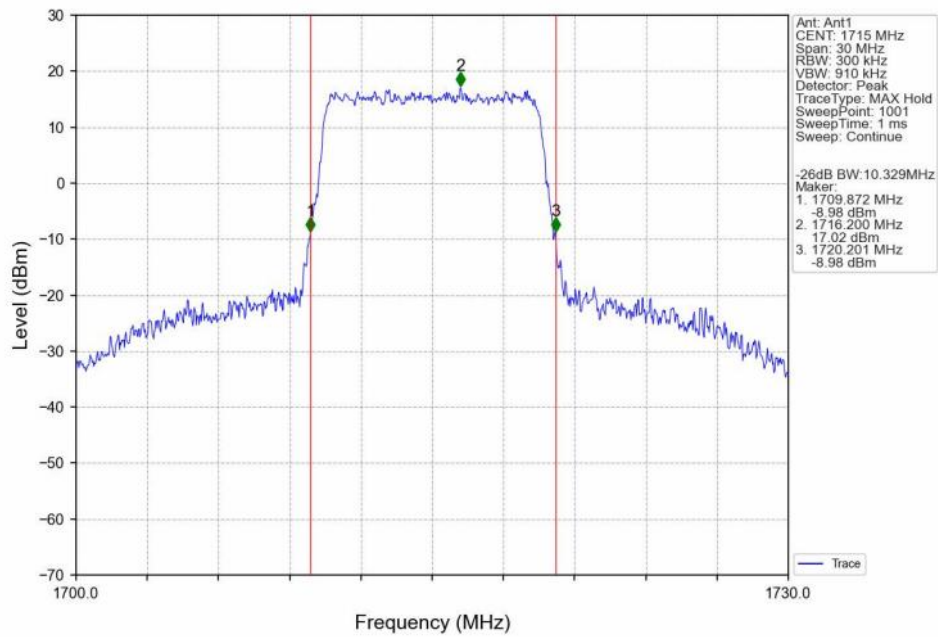
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



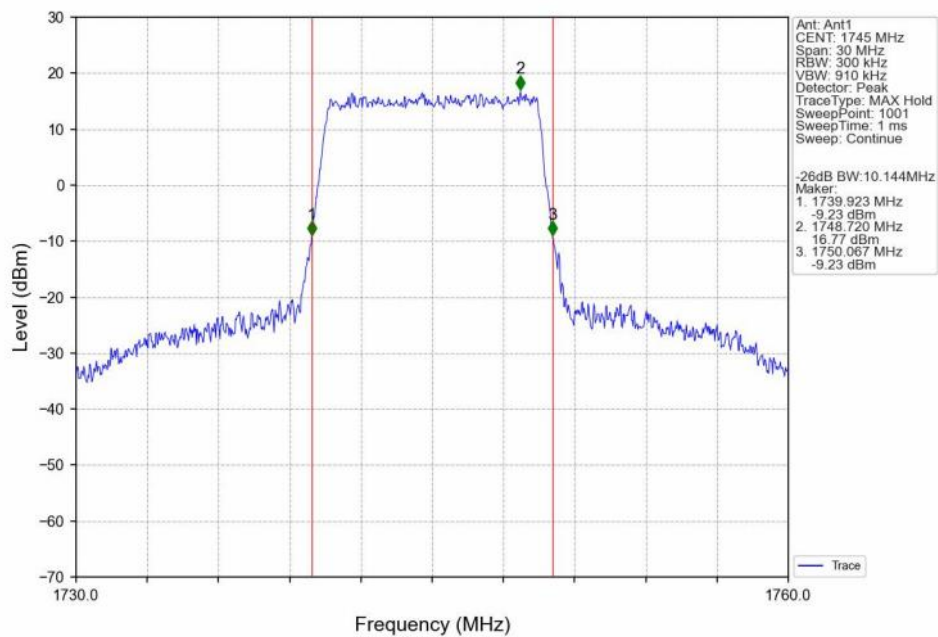
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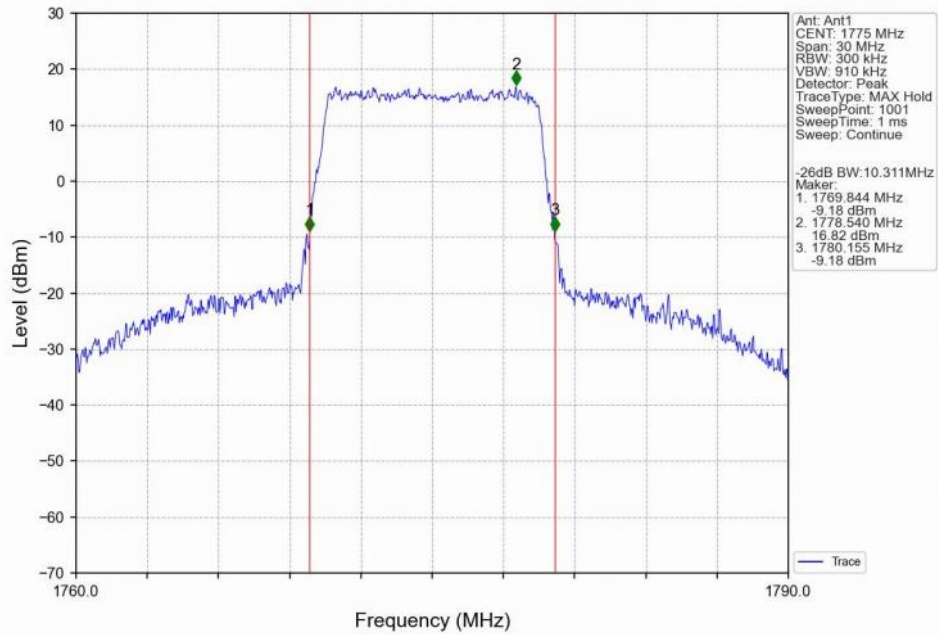
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



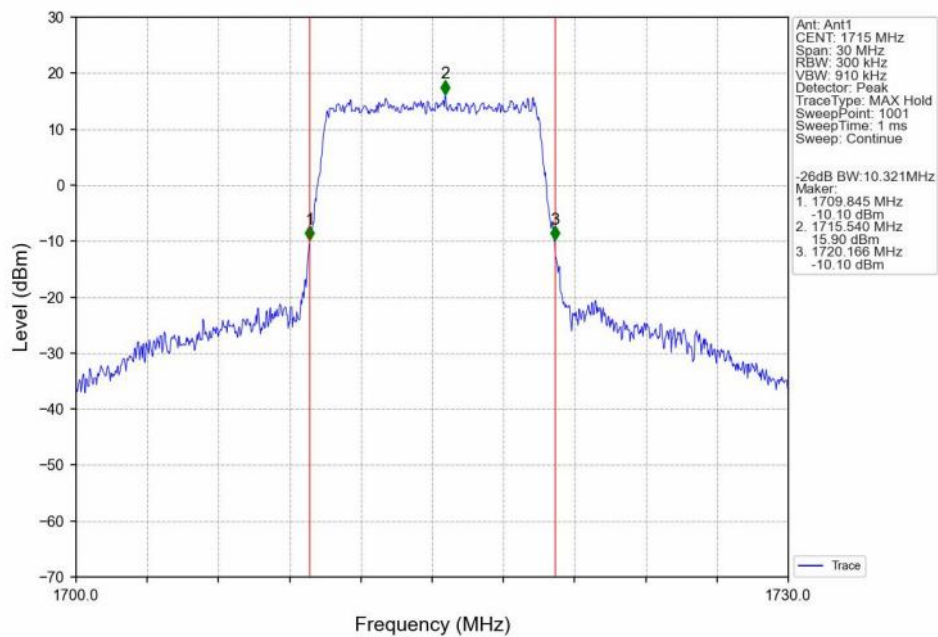
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



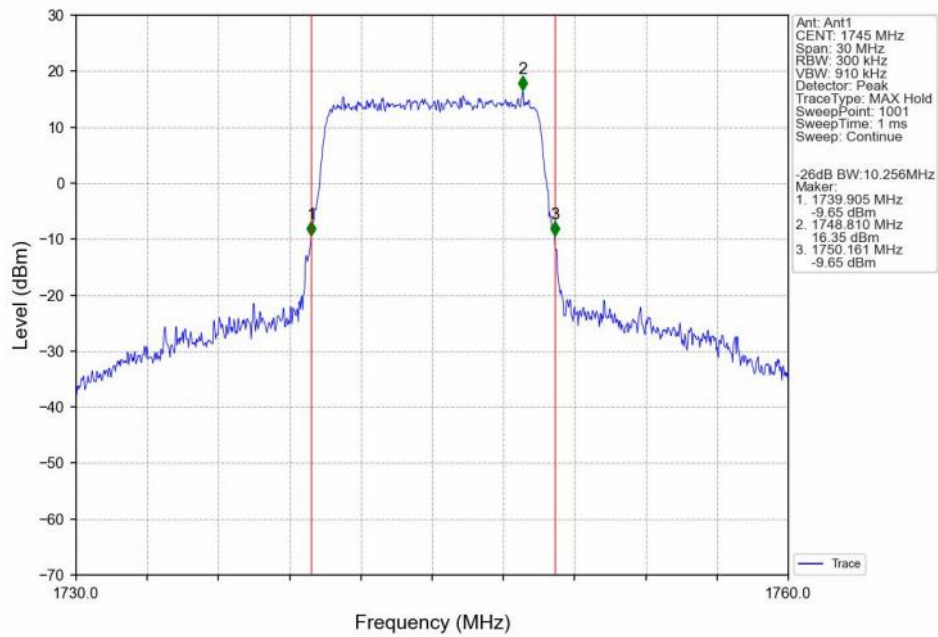
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



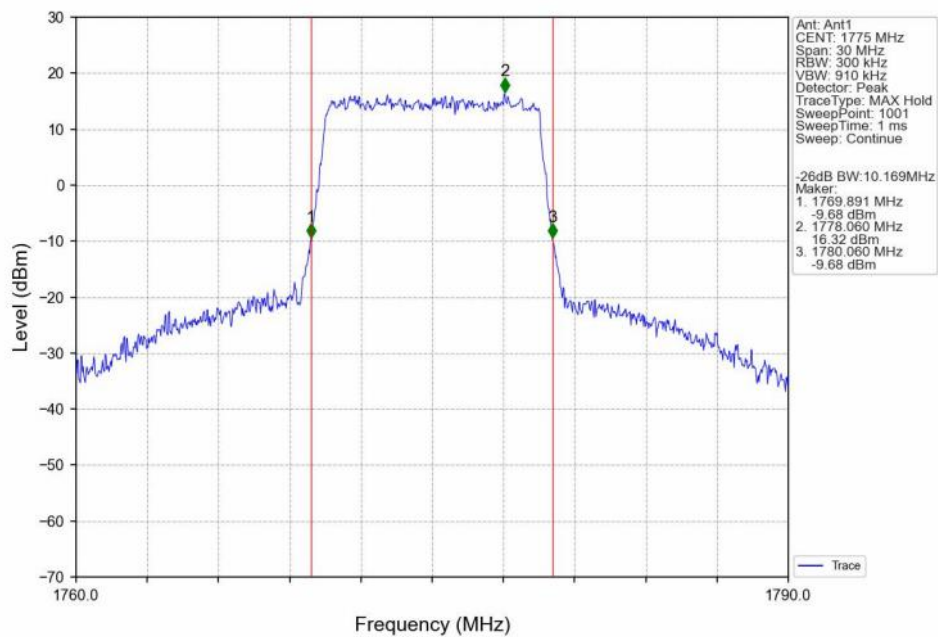
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



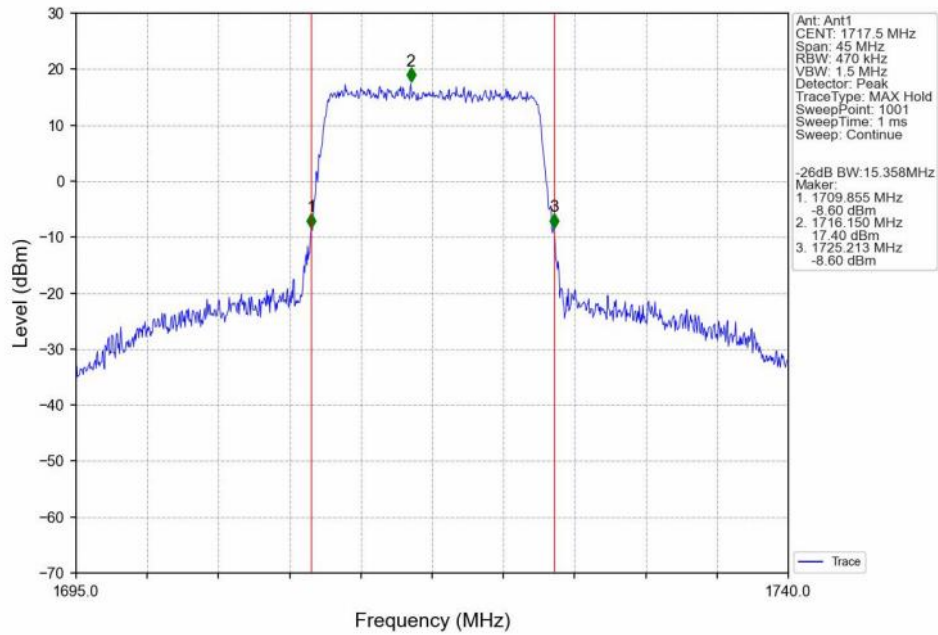
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



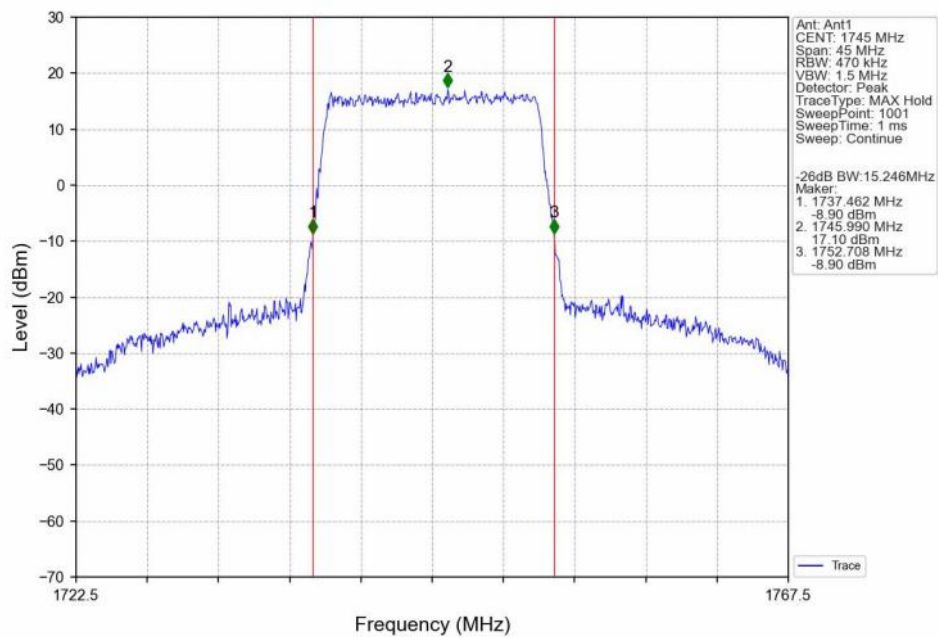
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



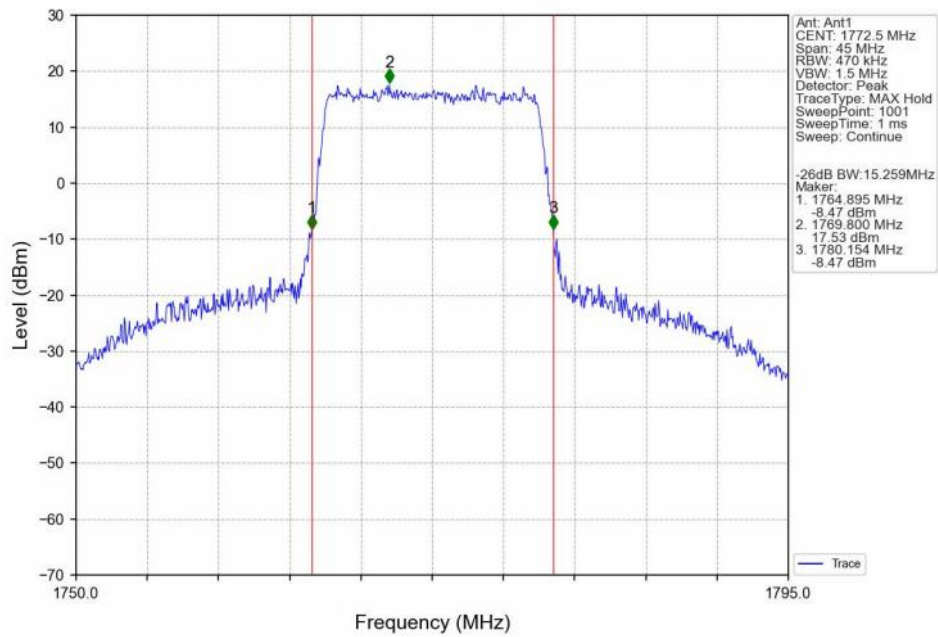
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



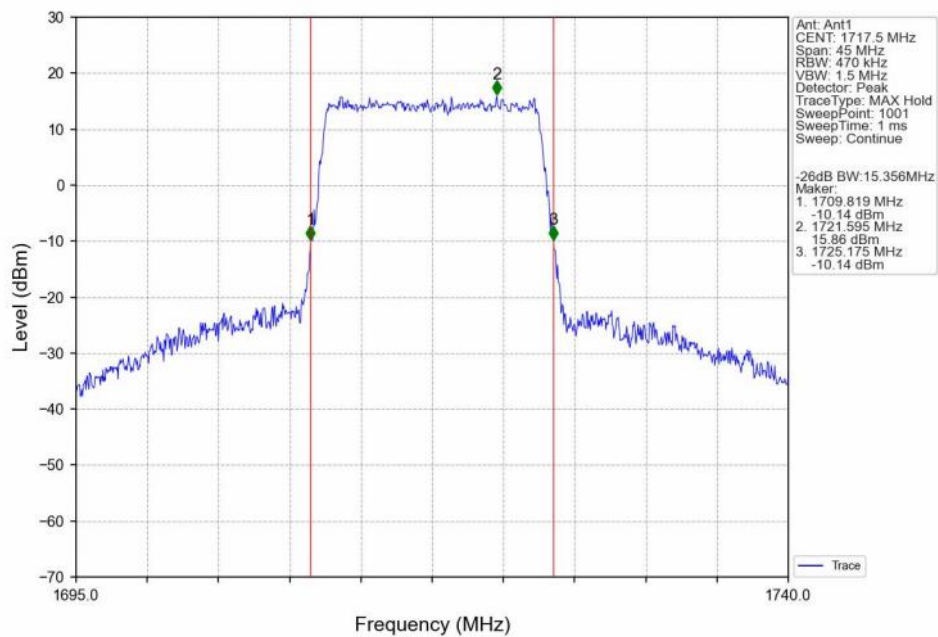
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



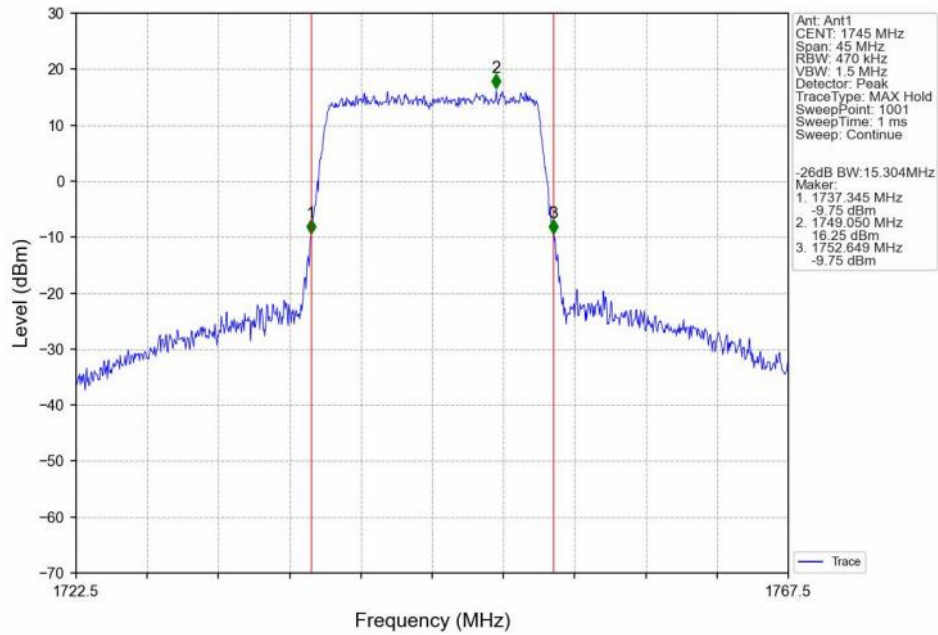
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



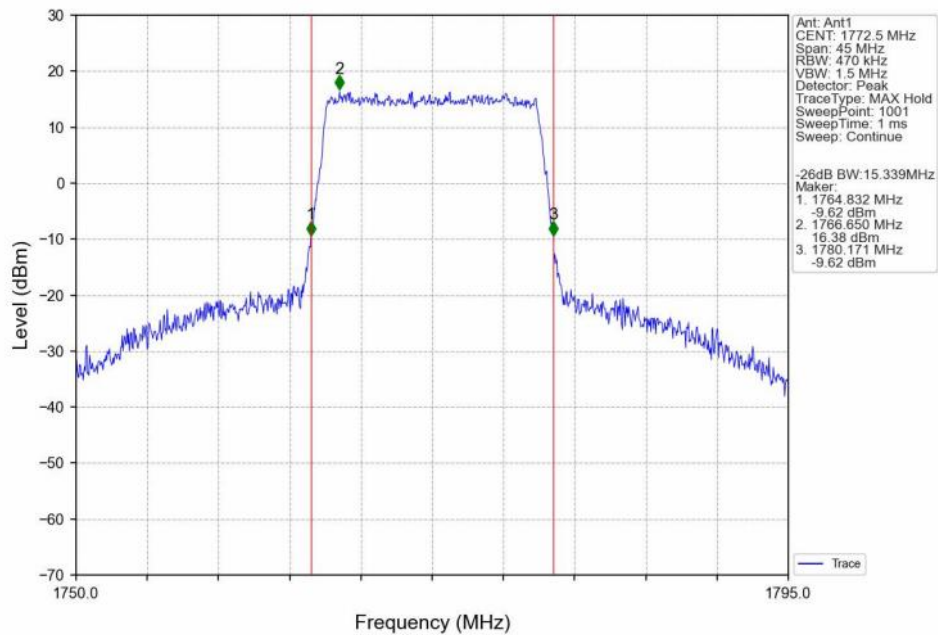
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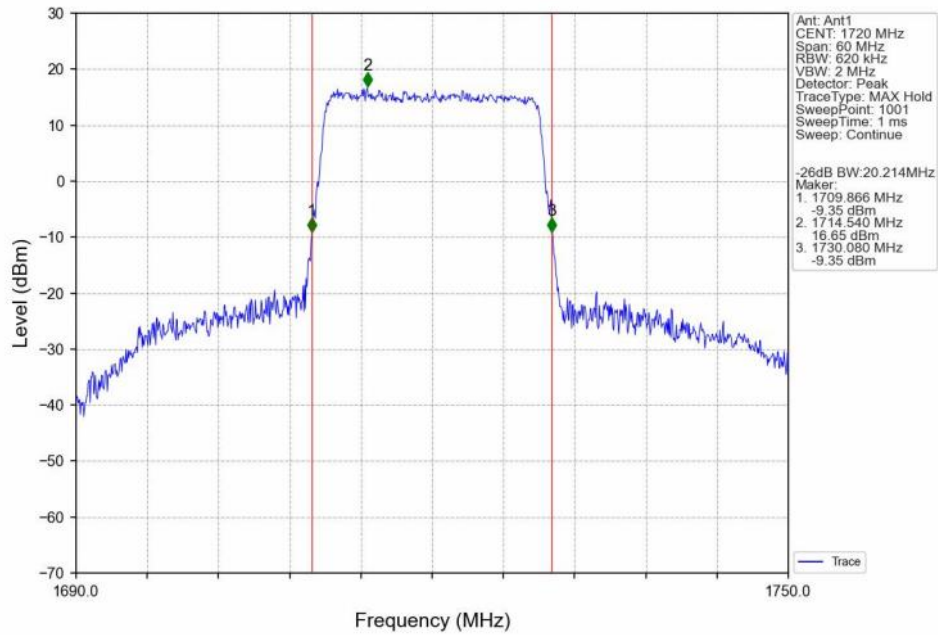
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTV



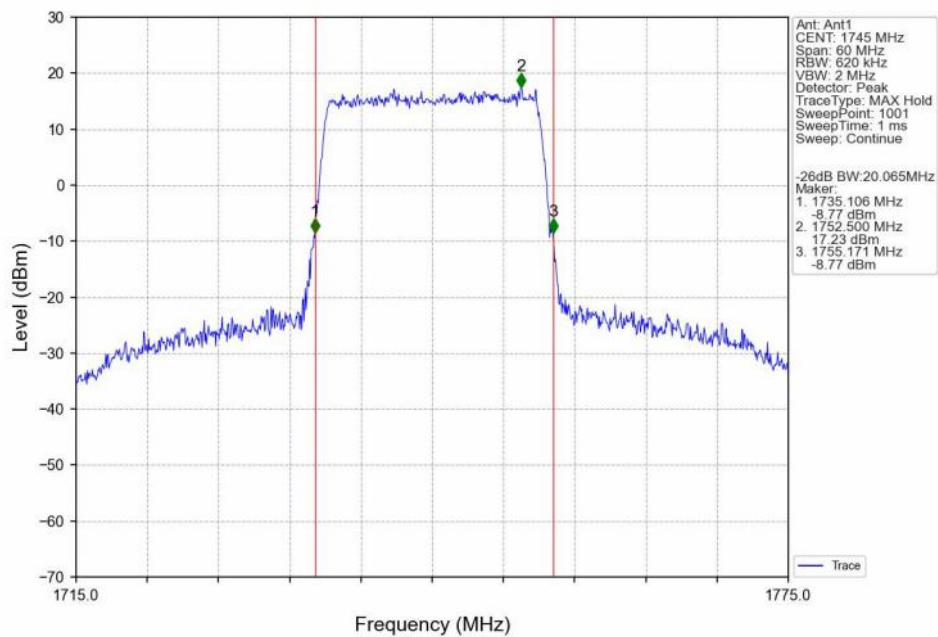
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTV



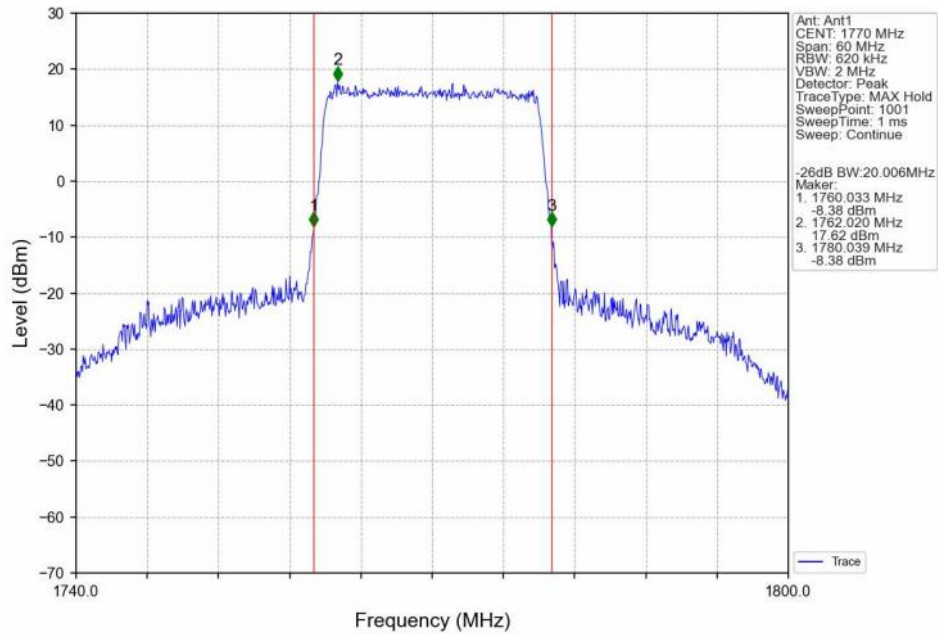
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



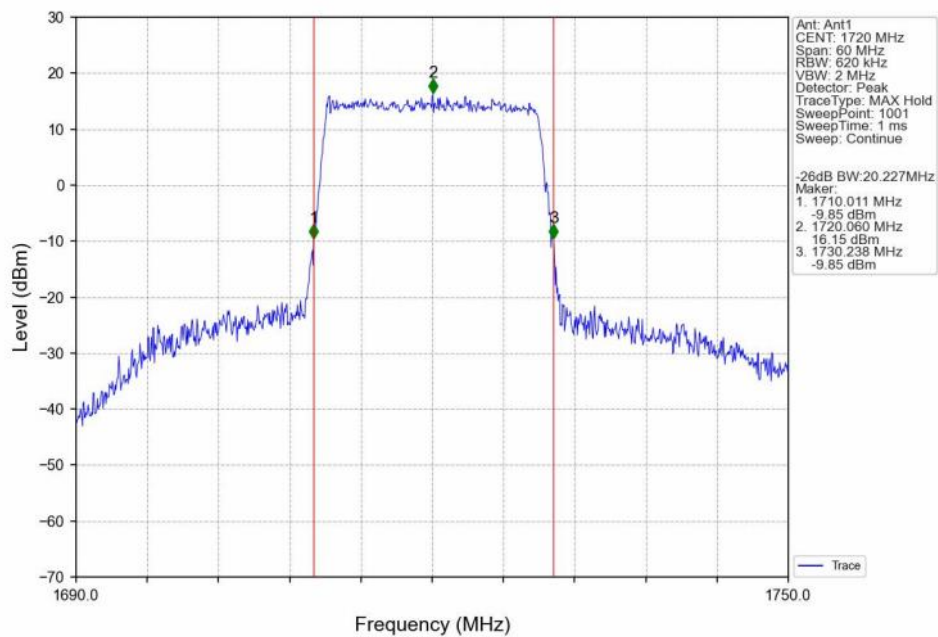
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



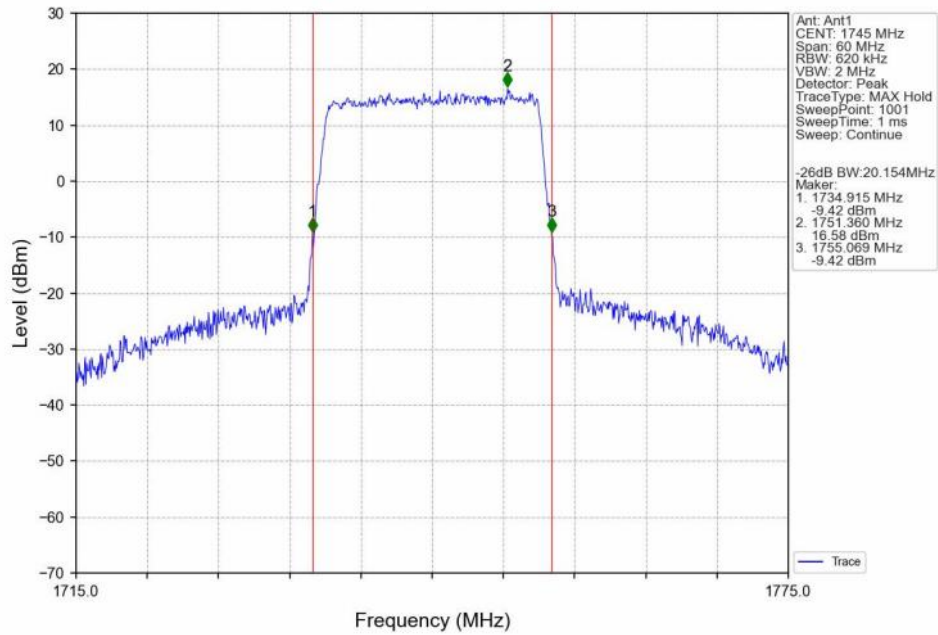
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



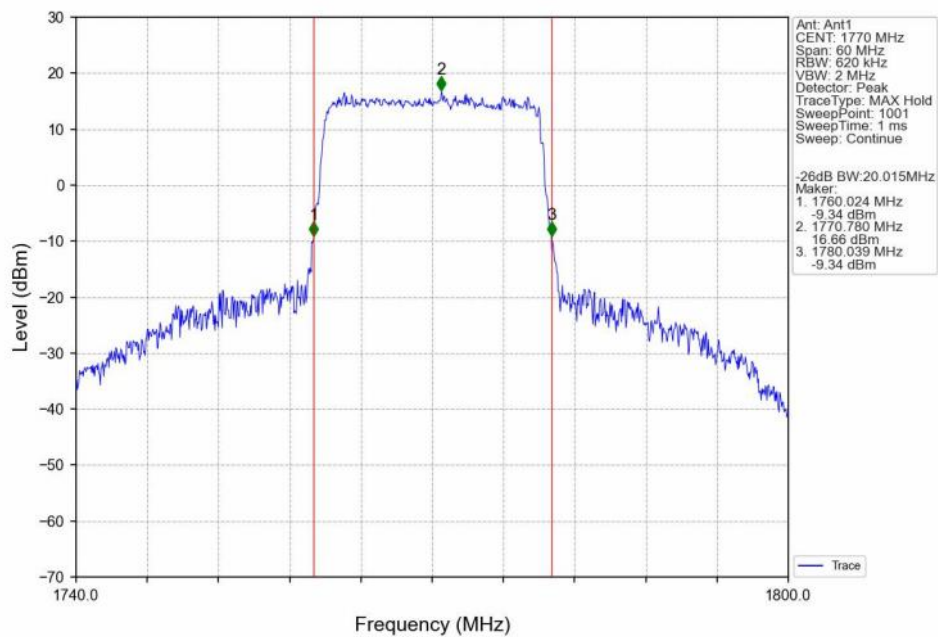
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	5.01	<=13	Pass
	1745	6	0	5.08	<=13	Pass
	1779.3	6	0	4.80	<=13	Pass
16QAM	1710.7	6	0	5.90	<=13	Pass
	1745	6	0	5.96	<=13	Pass
	1779.3	6	0	5.63	<=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	5.17	<=13	Pass
	1745	15	0	5.17	<=13	Pass
	1778.5	15	0	4.95	<=13	Pass
16QAM	1711.5	15	0	6.00	<=13	Pass
	1745	15	0	6.02	<=13	Pass
	1778.5	15	0	5.81	<=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	5.39	<=13	Pass
	1745	25	0	5.42	<=13	Pass
	1777.5	25	0	5.27	<=13	Pass
16QAM	1712.5	25	0	6.12	<=13	Pass
	1745	25	0	6.11	<=13	Pass
	1777.5	25	0	5.96	<=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	5.42	<=13	Pass
	1745	50	0	5.41	<=13	Pass
	1775	50	0	5.29	<=13	Pass
16QAM	1715	50	0	6.17	<=13	Pass
	1745	50	0	6.19	<=13	Pass
	1775	50	0	6.03	<=13	Pass

5.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
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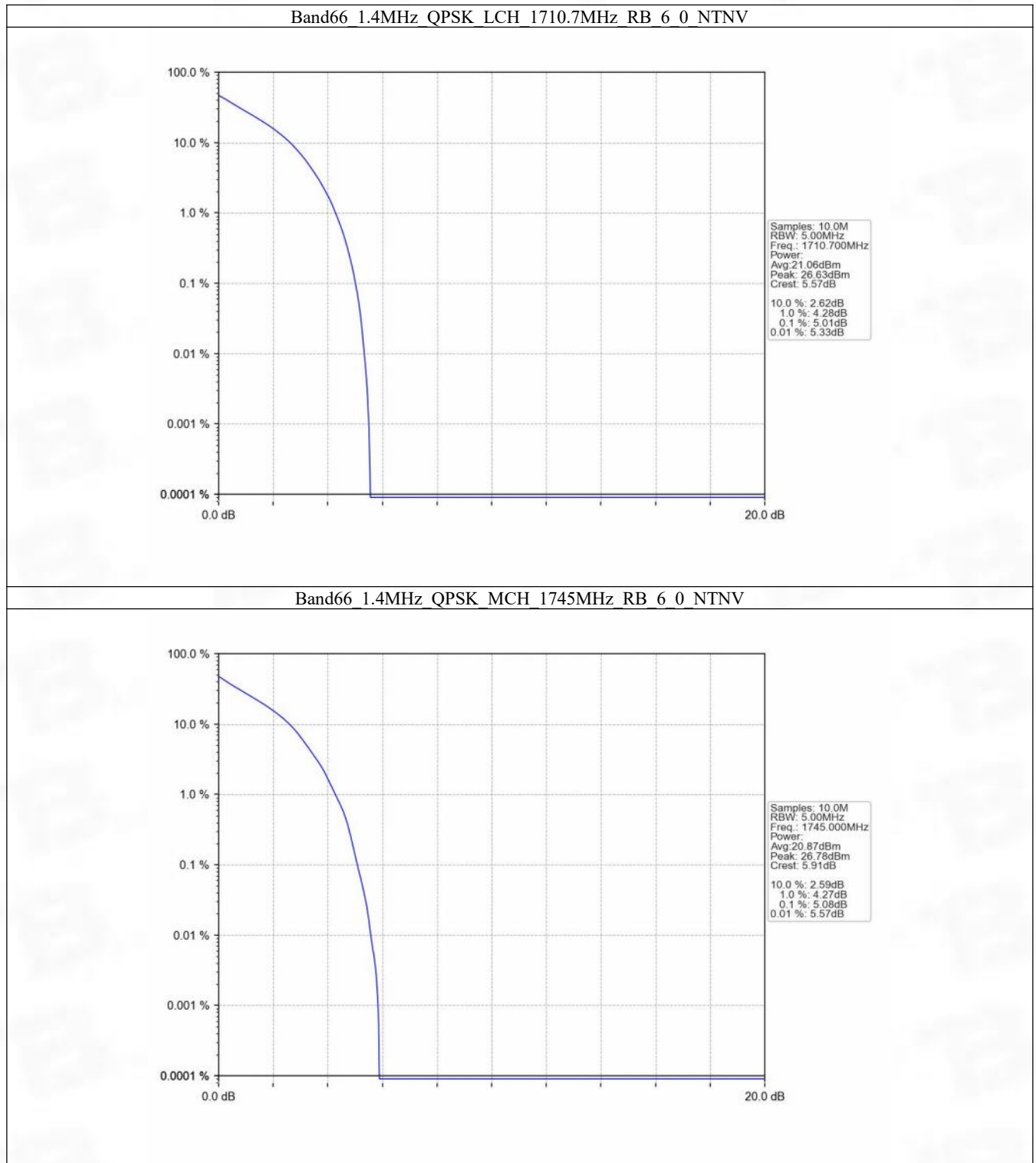
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.64	<=13	Pass
	1745	75	0	5.53	<=13	Pass
	1772.5	75	0	5.39	<=13	Pass
16QAM	1717.5	75	0	6.20	<=13	Pass
	1745	75	0	6.15	<=13	Pass
	1772.5	75	0	6.04	<=13	Pass

5.1.6 B66_20MHz

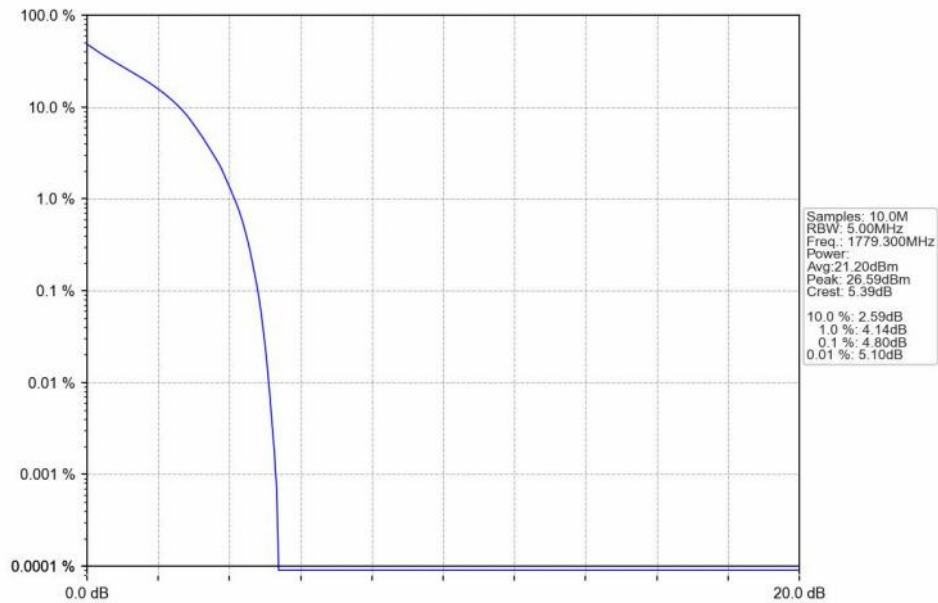
Band: 66 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.52	<=13	Pass
	1745	100	0	5.41	<=13	Pass
	1770	100	0	5.29	<=13	Pass
16QAM	1720	100	0	6.21	<=13	Pass
	1745	100	0	6.17	<=13	Pass
	1770	100	0	6.08	<=13	Pass

5.2 Test Graph

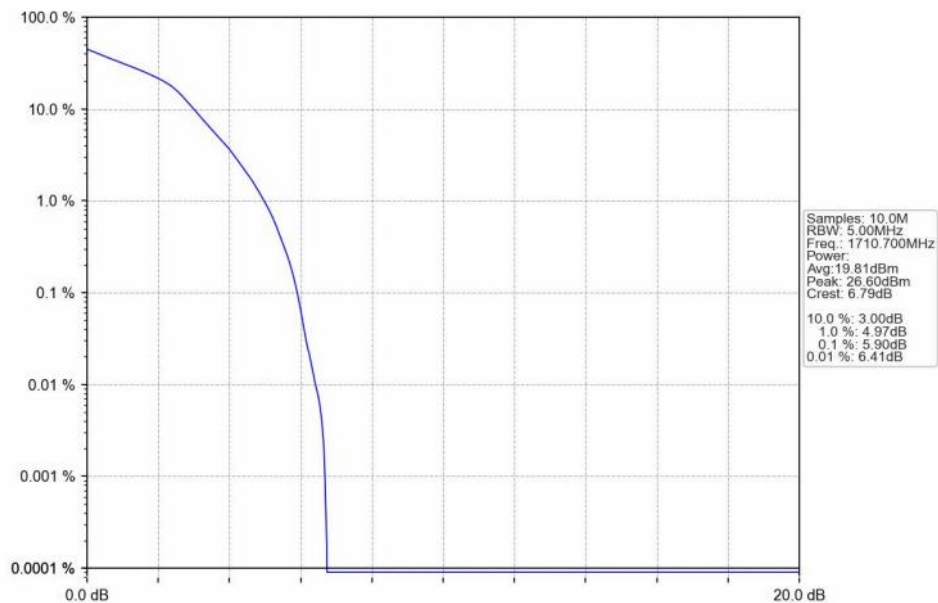
5.2.1 B66_1.4MHz



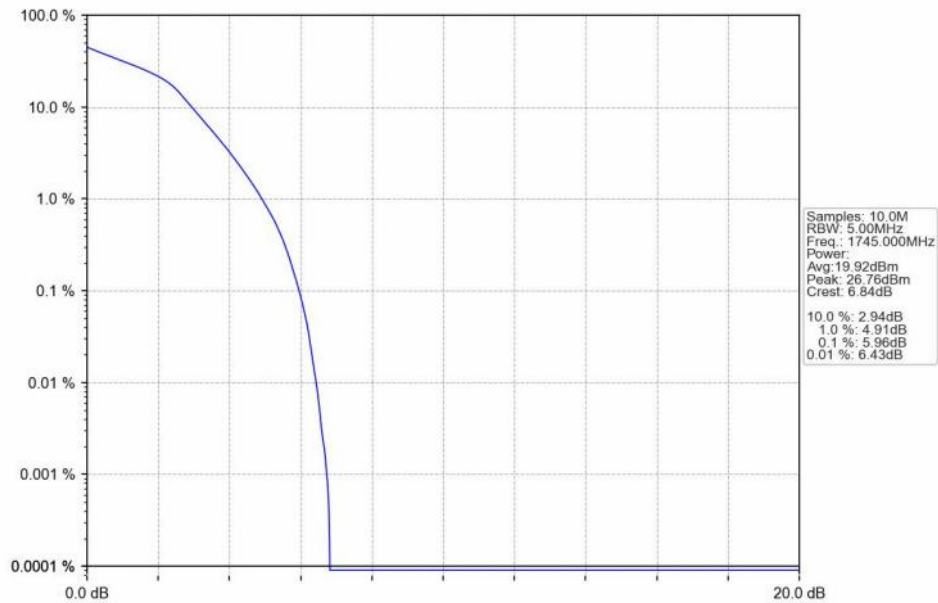
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



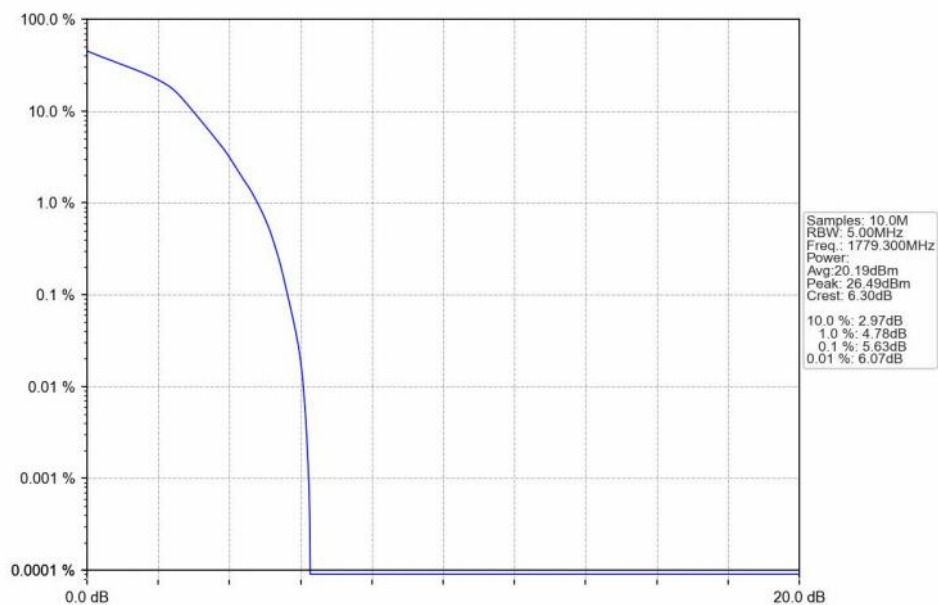
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



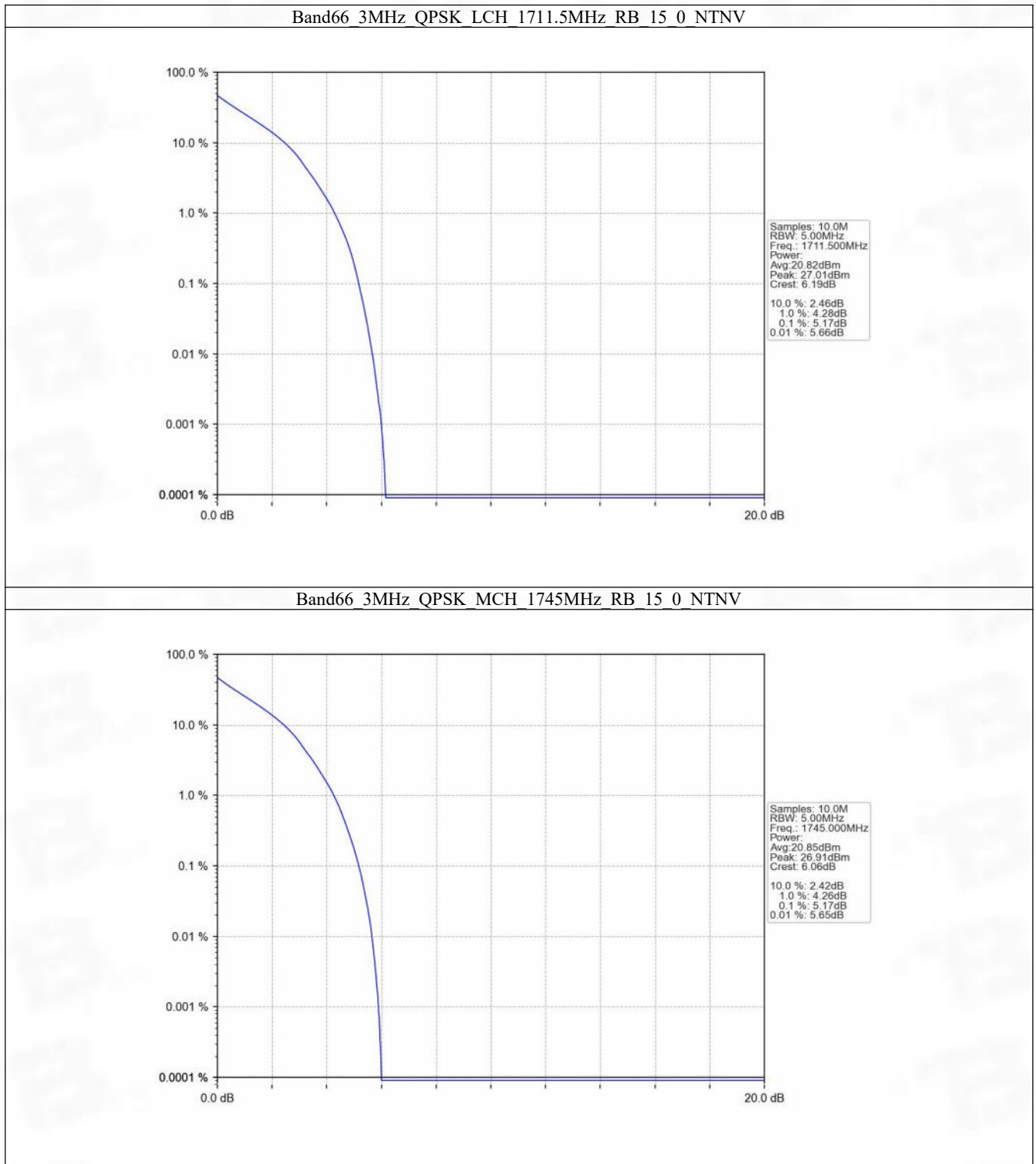
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



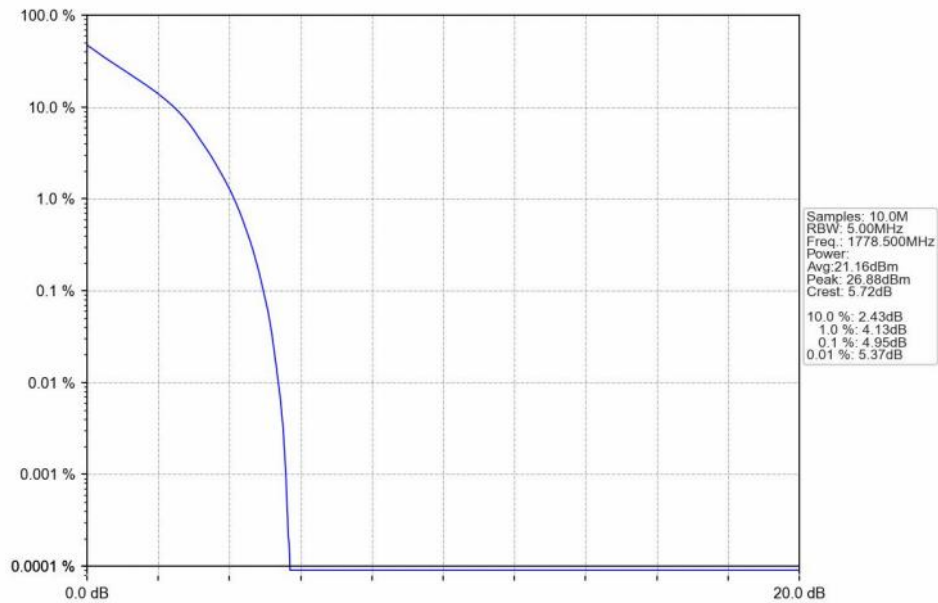
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



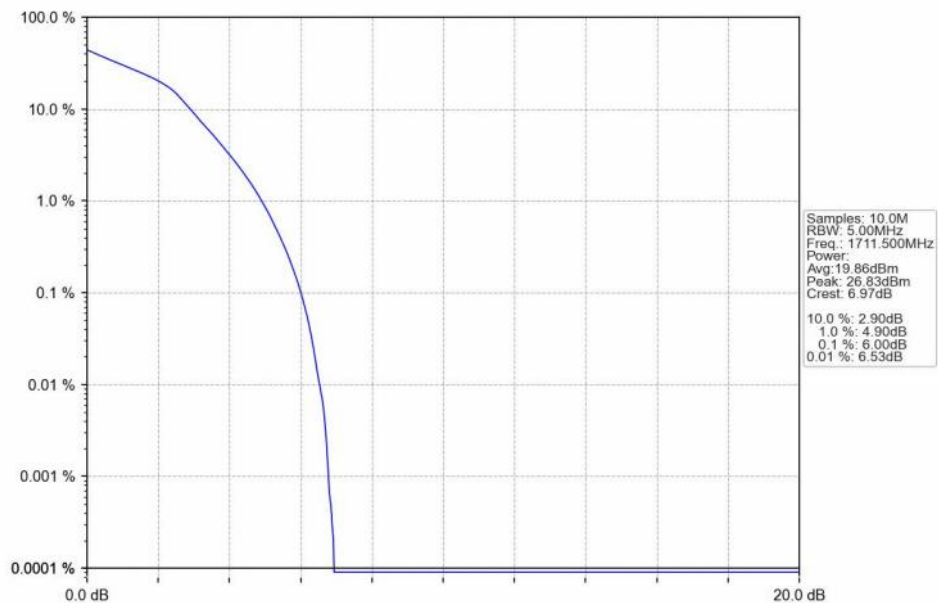
5.2.2 B66_3MHz



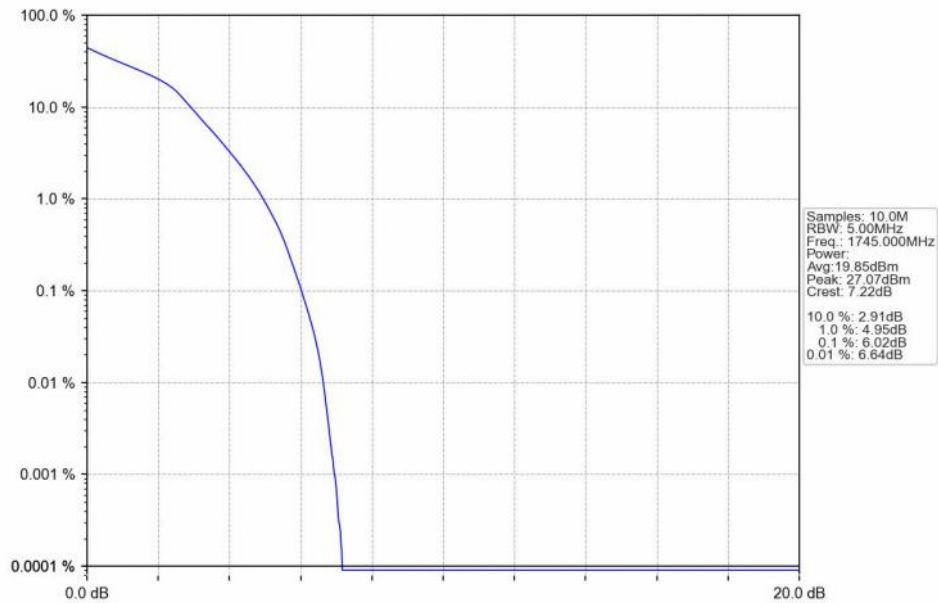
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



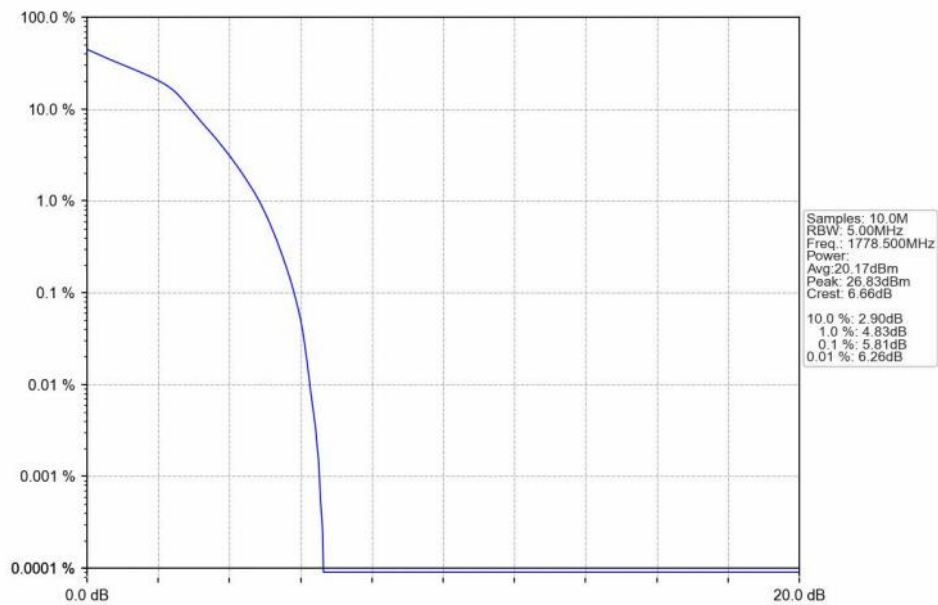
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



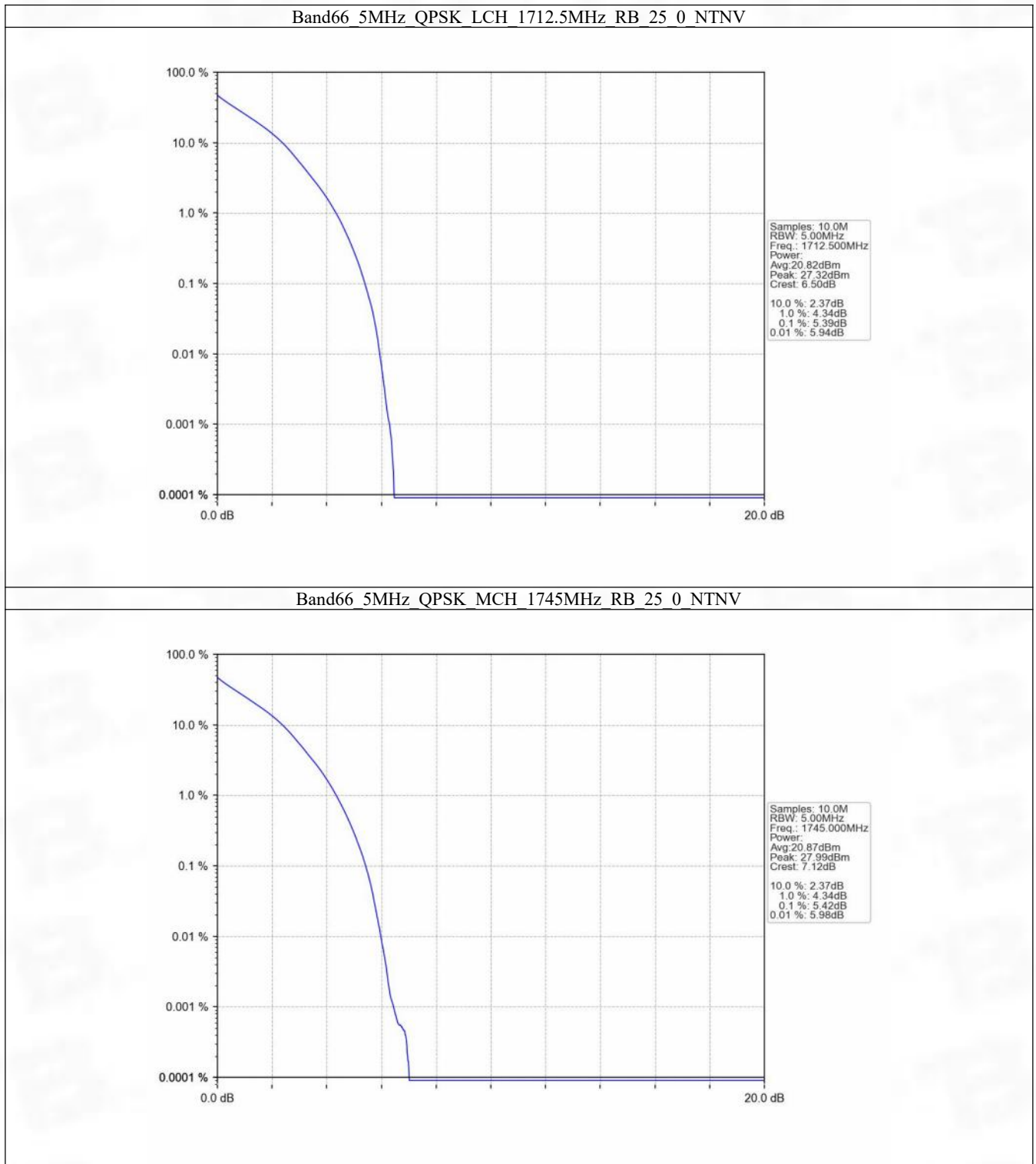
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



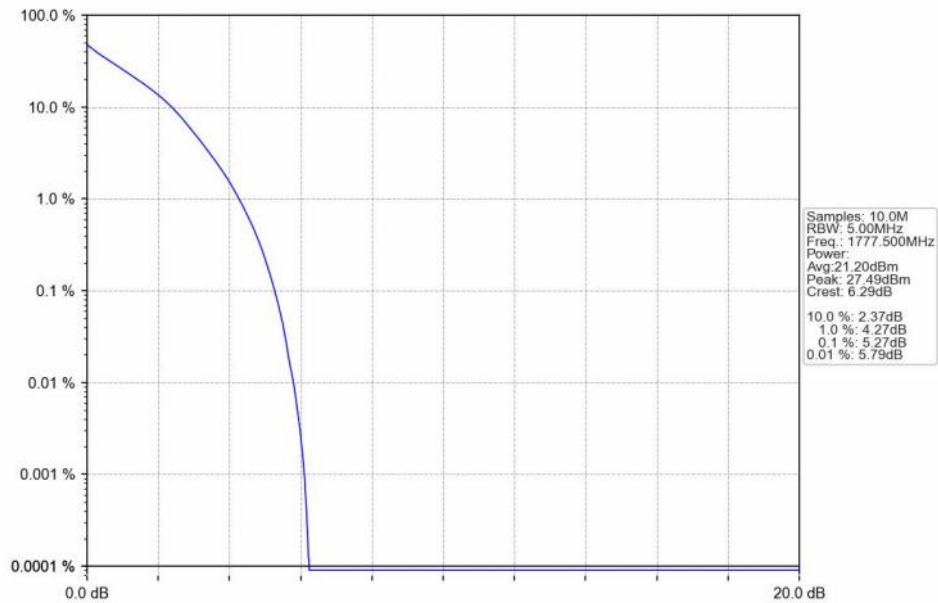
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



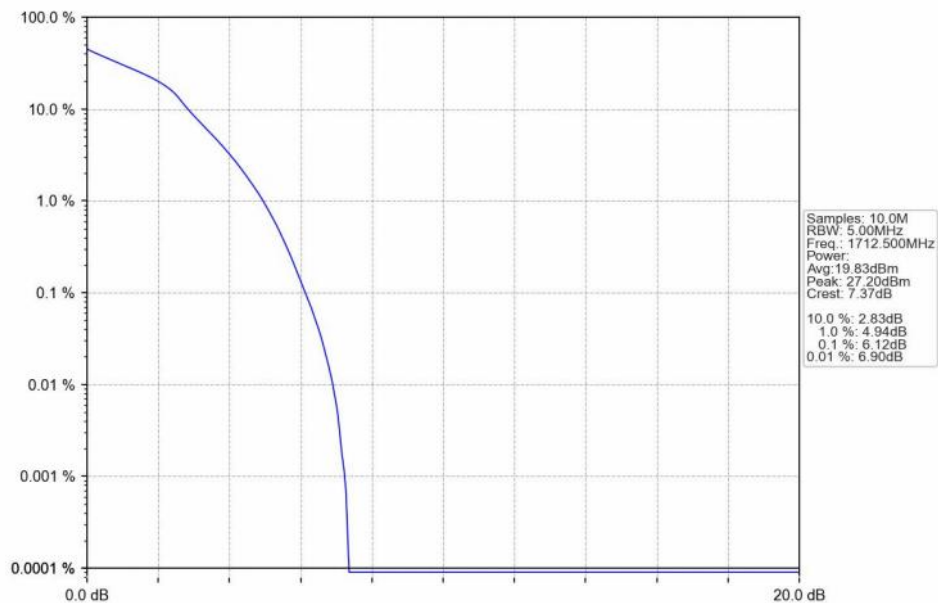
5.2.3 B66_5MHz



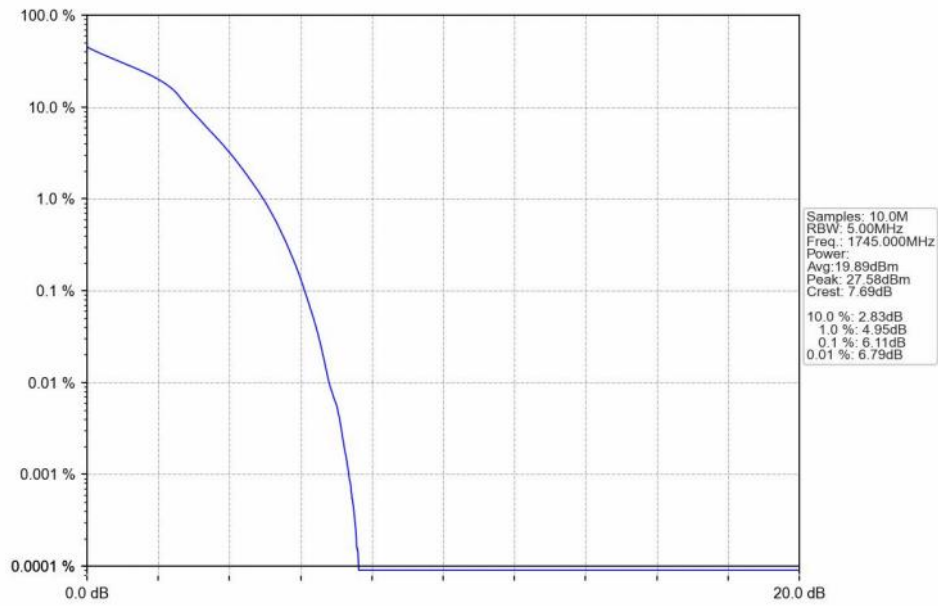
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



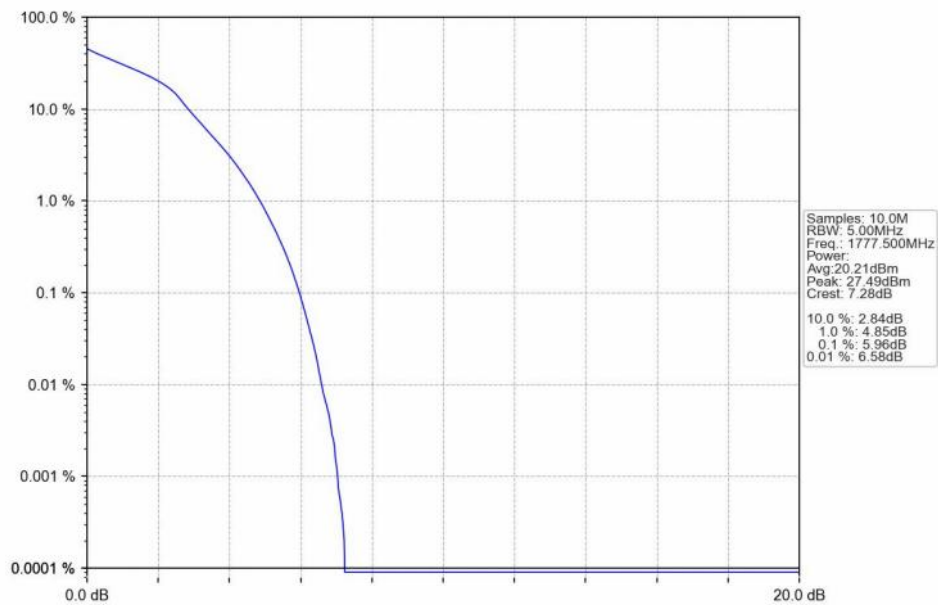
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



5.2.4 B66_10MHz

