

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	22.46	-1.79	20.67	<=30	Pass
			2	22.59	-1.79	20.80	<=30	Pass
			5	22.49	-1.79	20.70	<=30	Pass
		3	0	22.53	-1.79	20.74	<=30	Pass
			2	22.57	-1.79	20.78	<=30	Pass
			3	22.62	-1.79	20.83	<=30	Pass
		6	0	21.46	-1.79	19.67	<=30	Pass
	1745	1	0	22.48	-1.79	20.69	<=30	Pass
			2	22.52	-1.79	20.73	<=30	Pass
			5	22.59	-1.79	20.80	<=30	Pass
		3	0	22.44	-1.79	20.65	<=30	Pass
			2	22.41	-1.79	20.62	<=30	Pass
			3	22.35	-1.79	20.56	<=30	Pass
		6	0	21.36	-1.79	19.57	<=30	Pass
	1779.3	1	0	22.58	-1.79	20.79	<=30	Pass
			2	22.69	-1.79	20.90	<=30	Pass
			5	22.66	-1.79	20.87	<=30	Pass
		3	0	22.62	-1.79	20.83	<=30	Pass
			2	22.64	-1.79	20.85	<=30	Pass
			3	22.56	-1.79	20.77	<=30	Pass
		6	0	21.58	-1.79	19.79	<=30	Pass
16QAM	1710.7	1	0	21.60	-1.79	19.81	<=30	Pass
			2	21.61	-1.79	19.82	<=30	Pass
			5	21.59	-1.79	19.80	<=30	Pass
		3	0	21.16	-1.79	19.37	<=30	Pass
			2	21.14	-1.79	19.35	<=30	Pass
			3	21.16	-1.79	19.37	<=30	Pass
		6	0	20.92	-1.79	19.13	<=30	Pass
	1745	1	0	21.41	-1.79	19.62	<=30	Pass
			2	21.32	-1.79	19.53	<=30	Pass
			5	21.35	-1.79	19.56	<=30	Pass
		3	0	20.98	-1.79	19.19	<=30	Pass
			2	20.98	-1.79	19.19	<=30	Pass
			3	21.01	-1.79	19.22	<=30	Pass
		6	0	20.62	-1.79	18.83	<=30	Pass
	1779.3	1	0	21.49	-1.79	19.70	<=30	Pass
			2	21.48	-1.79	19.69	<=30	Pass
			5	21.61	-1.79	19.82	<=30	Pass
		3	0	21.63	-1.79	19.84	<=30	Pass
2			21.55	-1.79	19.76	<=30	Pass	
3			21.62	-1.79	19.83	<=30	Pass	
6		0	20.68	-1.79	18.89	<=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	22.57	-1.79	20.78	<=30	Pass
			7	22.51	-1.79	20.72	<=30	Pass
			14	22.60	-1.79	20.81	<=30	Pass
		8	0	21.45	-1.79	19.66	<=30	Pass
			4	21.48	-1.79	19.69	<=30	Pass
			7	21.57	-1.79	19.78	<=30	Pass
		15	0	21.55	-1.79	19.76	<=30	Pass
	1745	1	0	22.28	-1.79	20.49	<=30	Pass
			7	22.32	-1.79	20.53	<=30	Pass
			14	22.27	-1.79	20.48	<=30	Pass
		8	0	21.30	-1.79	19.51	<=30	Pass
			4	21.22	-1.79	19.43	<=30	Pass
			7	21.20	-1.79	19.41	<=30	Pass
		15	0	21.20	-1.79	19.41	<=30	Pass
	1778.5	1	0	22.51	-1.79	20.72	<=30	Pass
			7	22.52	-1.79	20.73	<=30	Pass
			14	22.55	-1.79	20.76	<=30	Pass
		8	0	21.53	-1.79	19.74	<=30	Pass
			4	21.53	-1.79	19.74	<=30	Pass
			7	21.57	-1.79	19.78	<=30	Pass
		15	0	21.50	-1.79	19.71	<=30	Pass
16QAM	1711.5	1	0	21.31	-1.79	19.52	<=30	Pass
			7	21.31	-1.79	19.52	<=30	Pass
			14	21.35	-1.79	19.56	<=30	Pass
		8	0	21.06	-1.79	19.27	<=30	Pass
			4	21.05	-1.79	19.26	<=30	Pass
			7	20.76	-1.79	18.97	<=30	Pass
		15	0	20.87	-1.79	19.08	<=30	Pass
	1745	1	0	21.32	-1.79	19.53	<=30	Pass
			7	21.25	-1.79	19.46	<=30	Pass
			14	21.60	-1.79	19.81	<=30	Pass
		8	0	20.40	-1.79	18.61	<=30	Pass
			4	20.42	-1.79	18.63	<=30	Pass
			7	20.40	-1.79	18.61	<=30	Pass
		15	0	20.45	-1.79	18.66	<=30	Pass
	1778.5	1	0	21.32	-1.79	19.53	<=30	Pass
			7	21.38	-1.79	19.59	<=30	Pass
			14	21.36	-1.79	19.57	<=30	Pass
		8	0	20.65	-1.79	18.86	<=30	Pass
			4	20.66	-1.79	18.87	<=30	Pass
			7	20.70	-1.79	18.91	<=30	Pass
		15	0	20.50	-1.79	18.71	<=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	22.41	-1.79	20.62	<=30	Pass
			13	22.42	-1.79	20.63	<=30	Pass
			24	22.39	-1.79	20.60	<=30	Pass
		12	0	21.48	-1.79	19.69	<=30	Pass
			6	21.57	-1.79	19.78	<=30	Pass
			13	21.49	-1.79	19.70	<=30	Pass

16QAM	1745	25	0	21.58	-1.79	19.79	<=30	Pass
		1	0	22.31	-1.79	20.52	<=30	Pass
			13	22.31	-1.79	20.52	<=30	Pass
			24	22.33	-1.79	20.54	<=30	Pass
		12	0	21.26	-1.79	19.47	<=30	Pass
			6	21.30	-1.79	19.51	<=30	Pass
			13	21.60	-1.79	19.81	<=30	Pass
		25	0	21.29	-1.79	19.50	<=30	Pass
	1777.5	1	0	22.48	-1.79	20.69	<=30	Pass
			13	22.44	-1.79	20.65	<=30	Pass
			24	22.46	-1.79	20.67	<=30	Pass
		12	0	21.47	-1.79	19.68	<=30	Pass
			6	21.52	-1.79	19.73	<=30	Pass
			13	21.51	-1.79	19.72	<=30	Pass
		25	0	21.46	-1.79	19.67	<=30	Pass
	1712.5	1	0	21.41	-1.79	19.62	<=30	Pass
			13	21.45	-1.79	19.66	<=30	Pass
			24	21.42	-1.79	19.63	<=30	Pass
		12	0	20.90	-1.79	19.11	<=30	Pass
			6	20.73	-1.79	18.94	<=30	Pass
			13	20.61	-1.79	18.82	<=30	Pass
		25	0	20.75	-1.79	18.96	<=30	Pass
	1745	1	0	21.53	-1.79	19.74	<=30	Pass
			13	21.56	-1.79	19.77	<=30	Pass
			24	21.81	-1.79	20.02	<=30	Pass
		12	0	20.37	-1.79	18.58	<=30	Pass
			6	20.43	-1.79	18.64	<=30	Pass
			13	20.66	-1.79	18.87	<=30	Pass
		25	0	20.42	-1.79	18.63	<=30	Pass
	1777.5	1	0	20.85	-1.79	19.06	<=30	Pass
			13	20.85	-1.79	19.06	<=30	Pass
			24	20.83	-1.79	19.04	<=30	Pass
		12	0	20.51	-1.79	18.72	<=30	Pass
			6	20.47	-1.79	18.68	<=30	Pass
			13	20.46	-1.79	18.67	<=30	Pass
		25	0	20.50	-1.79	18.71	<=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	22.51	-1.79	20.72	<=30	Pass
			25	22.62	-1.79	20.83	<=30	Pass
			49	22.49	-1.79	20.70	<=30	Pass
		25	0	21.53	-1.79	19.74	<=30	Pass
			13	21.49	-1.79	19.70	<=30	Pass
			25	21.48	-1.79	19.69	<=30	Pass
		50	0	21.53	-1.79	19.74	<=30	Pass
	1745	1	0	22.27	-1.79	20.48	<=30	Pass
			25	22.28	-1.79	20.49	<=30	Pass
			49	22.35	-1.79	20.56	<=30	Pass
		25	0	21.21	-1.79	19.42	<=30	Pass
			13	21.30	-1.79	19.51	<=30	Pass
			25	21.50	-1.79	19.71	<=30	Pass
		50	0	21.36	-1.79	19.57	<=30	Pass

16QAM	1775	1	0	22.51	-1.79	20.72	<=30	Pass
			25	22.62	-1.79	20.83	<=30	Pass
			49	22.54	-1.79	20.75	<=30	Pass
		25	0	21.51	-1.79	19.72	<=30	Pass
			13	21.48	-1.79	19.69	<=30	Pass
			25	21.44	-1.79	19.65	<=30	Pass
		50	0	21.42	-1.79	19.63	<=30	Pass
	1715	1	0	22.10	-1.79	20.31	<=30	Pass
			25	22.06	-1.79	20.27	<=30	Pass
			49	22.13	-1.79	20.34	<=30	Pass
		25	0	20.67	-1.79	18.88	<=30	Pass
			13	20.59	-1.79	18.80	<=30	Pass
			25	20.65	-1.79	18.86	<=30	Pass
		50	0	20.54	-1.79	18.75	<=30	Pass
	1745	1	0	20.94	-1.79	19.15	<=30	Pass
			25	20.88	-1.79	19.09	<=30	Pass
			49	20.90	-1.79	19.11	<=30	Pass
		25	0	20.24	-1.79	18.45	<=30	Pass
			13	20.32	-1.79	18.53	<=30	Pass
			25	20.63	-1.79	18.84	<=30	Pass
		50	0	20.35	-1.79	18.56	<=30	Pass
	1775	1	0	21.30	-1.79	19.51	<=30	Pass
			25	21.29	-1.79	19.50	<=30	Pass
			49	21.34	-1.79	19.55	<=30	Pass
		25	0	20.85	-1.79	19.06	<=30	Pass
			13	20.54	-1.79	18.75	<=30	Pass
			25	20.53	-1.79	18.74	<=30	Pass
		50	0	20.43	-1.79	18.64	<=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	22.27	-1.79	20.48	<=30	Pass
			38	22.38	-1.79	20.59	<=30	Pass
			74	22.36	-1.79	20.57	<=30	Pass
		36	0	21.45	-1.79	19.66	<=30	Pass
			18	21.42	-1.79	19.63	<=30	Pass
			39	21.50	-1.79	19.71	<=30	Pass
		75	0	21.46	-1.79	19.67	<=30	Pass
	1745	1	0	22.40	-1.79	20.61	<=30	Pass
			38	22.34	-1.79	20.55	<=30	Pass
			74	22.36	-1.79	20.57	<=30	Pass
		36	0	21.25	-1.79	19.46	<=30	Pass
			18	21.31	-1.79	19.52	<=30	Pass
			39	21.30	-1.79	19.51	<=30	Pass
		75	0	21.26	-1.79	19.47	<=30	Pass
	1772.5	1	0	22.32	-1.79	20.53	<=30	Pass
			38	22.46	-1.79	20.67	<=30	Pass
			74	22.47	-1.79	20.68	<=30	Pass
		36	0	21.48	-1.79	19.69	<=30	Pass
			18	21.48	-1.79	19.69	<=30	Pass
			39	21.45	-1.79	19.66	<=30	Pass
		75	0	21.41	-1.79	19.62	<=30	Pass
16QAM	1717.5	1	0	21.34	-1.79	19.55	<=30	Pass

			38	21.37	-1.79	19.58	<=30	Pass	
			74	21.38	-1.79	19.59	<=30	Pass	
		36	0	20.54	-1.79	18.75	<=30	Pass	
			18	20.53	-1.79	18.74	<=30	Pass	
			39	20.57	-1.79	18.78	<=30	Pass	
		75	0	20.60	-1.79	18.81	<=30	Pass	
	1745	1	0	21.56	-1.79	19.77	<=30	Pass	
			38	21.61	-1.79	19.82	<=30	Pass	
			74	22.03	-1.79	20.24	<=30	Pass	
		36	0	20.71	-1.79	18.92	<=30	Pass	
			18	20.38	-1.79	18.59	<=30	Pass	
			39	20.26	-1.79	18.47	<=30	Pass	
	75	0	20.37	-1.79	18.58	<=30	Pass		
	1772.5	1	0	21.03	-1.79	19.24	<=30	Pass	
			38	21.15	-1.79	19.36	<=30	Pass	
			74	21.07	-1.79	19.28	<=30	Pass	
		36	0	20.82	-1.79	19.03	<=30	Pass	
			18	20.81	-1.79	19.02	<=30	Pass	
			39	20.45	-1.79	18.66	<=30	Pass	
	75	0	20.76	-1.79	18.97	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.52	-1.79	20.73	<=30	Pass
			50	22.54	-1.79	20.75	<=30	Pass
			99	22.49	-1.79	20.70	<=30	Pass
		50	0	21.50	-1.79	19.71	<=30	Pass
			25	21.52	-1.79	19.73	<=30	Pass
			50	21.58	-1.79	19.79	<=30	Pass
		100	0	21.49	-1.79	19.70	<=30	Pass
			0	22.37	-1.79	20.58	<=30	Pass
			50	22.37	-1.79	20.58	<=30	Pass
			99	22.46	-1.79	20.67	<=30	Pass
		50	0	21.30	-1.79	19.51	<=30	Pass
			25	21.20	-1.79	19.41	<=30	Pass
			50	21.34	-1.79	19.55	<=30	Pass
	1745	1	0	21.36	-1.79	19.57	<=30	Pass
			0	22.36	-1.79	20.57	<=30	Pass
			50	22.55	-1.79	20.76	<=30	Pass
			99	22.56	-1.79	20.77	<=30	Pass
		50	0	21.38	-1.79	19.59	<=30	Pass
			25	21.38	-1.79	19.59	<=30	Pass
			50	21.45	-1.79	19.66	<=30	Pass
		100	0	21.45	-1.79	19.66	<=30	Pass
			0	21.75	-1.79	19.96	<=30	Pass
			50	21.78	-1.79	19.99	<=30	Pass
			99	21.65	-1.79	19.86	<=30	Pass
	1770	1	0	20.51	-1.79	18.72	<=30	Pass
			25	20.43	-1.79	18.64	<=30	Pass
			50	20.44	-1.79	18.65	<=30	Pass
		50	0	20.55	-1.79	18.76	<=30	Pass
			0	21.35	-1.79	19.56	<=30	Pass
			50	21.40	-1.79	19.61	<=30	Pass

		50	99	21.42	-1.79	19.63	<=30	Pass
			0	20.76	-1.79	18.97	<=30	Pass
			25	20.41	-1.79	18.62	<=30	Pass
			50	20.31	-1.79	18.52	<=30	Pass
	1770	100	0	20.35	-1.79	18.56	<=30	Pass
			0	21.36	-1.79	19.57	<=30	Pass
			50	21.46	-1.79	19.67	<=30	Pass
		50	99	21.52	-1.79	19.73	<=30	Pass
			0	20.48	-1.79	18.69	<=30	Pass
			25	20.84	-1.79	19.05	<=30	Pass
		100	50	20.57	-1.79	18.78	<=30	Pass
			0	20.81	-1.79	19.02	<=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	-18.997	-0.0111	-2.5 to 2.5	Pass
					3.85	-18.940	-0.0111	-2.5 to 2.5	Pass
					4.43	5.250	0.0031	-2.5 to 2.5	Pass
				-30	3.85	19.827	0.0116	-2.5 to 2.5	Pass
				-20	3.85	32.902	0.0192	-2.5 to 2.5	Pass
				-10	3.85	21.100	0.0123	-2.5 to 2.5	Pass
				0	3.85	30.971	0.0181	-2.5 to 2.5	Pass
				10	3.85	3.691	0.0022	-2.5 to 2.5	Pass
				30	3.85	12.288	0.0072	-2.5 to 2.5	Pass
				40	3.85	21.143	0.0124	-2.5 to 2.5	Pass
				50	3.85	29.254	0.0171	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-3.376	-0.0019	-2.5 to 2.5	Pass
					3.85	0.443	0.0003	-2.5 to 2.5	Pass
					4.43	40.598	0.0233	-2.5 to 2.5	Pass
				-30	3.85	25.306	0.0145	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	17.366	0.0100	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				10	3.85	14.963	0.0086	-2.5 to 2.5	Pass
				30	3.85	26.050	0.0149	-2.5 to 2.5	Pass
				40	3.85	-14.763	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-10.157	-0.0057	-2.5 to 2.5	Pass
					3.85	-14.749	-0.0083	-2.5 to 2.5	Pass
					4.43	-10.986	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-6.423	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				0	3.85	6.137	0.0034	-2.5 to 2.5	Pass
				10	3.85	8.812	0.0050	-2.5 to 2.5	Pass
				30	3.85	11.559	0.0065	-2.5 to 2.5	Pass
				40	3.85	13.633	0.0077	-2.5 to 2.5	Pass
				50	3.85	16.565	0.0093	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	35.763	0.0209	-2.5 to 2.5	Pass
					3.85	6.166	0.0036	-2.5 to 2.5	Pass
					4.43	11.129	0.0065	-2.5 to 2.5	Pass
				-30	3.85	15.936	0.0093	-2.5 to 2.5	Pass
				-20	3.85	20.971	0.0123	-2.5 to 2.5	Pass
				-10	3.85	25.907	0.0151	-2.5 to 2.5	Pass
				0	3.85	31.943	0.0187	-2.5 to 2.5	Pass
				10	3.85	36.063	0.0211	-2.5 to 2.5	Pass
				30	3.85	-7.181	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				50	3.85	1.788	0.0010	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-0.930	-0.0005	-2.5 to 2.5	Pass
					3.85	5.307	0.0030	-2.5 to 2.5	Pass
					4.43	7.882	0.0045	-2.5 to 2.5	Pass
				-30	3.85	11.015	0.0063	-2.5 to 2.5	Pass
				-20	3.85	13.676	0.0078	-2.5 to 2.5	Pass
				-10	3.85	17.452	0.0100	-2.5 to 2.5	Pass
				0	3.85	19.684	0.0113	-2.5 to 2.5	Pass
				10	3.85	22.917	0.0131	-2.5 to 2.5	Pass
				30	3.85	25.935	0.0149	-2.5 to 2.5	Pass
				40	3.85	30.069	0.0172	-2.5 to 2.5	Pass
				50	3.85	33.674	0.0193	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	17.953	0.0101	-2.5 to 2.5	Pass
					3.85	20.599	0.0116	-2.5 to 2.5	Pass
					4.43	19.856	0.0112	-2.5 to 2.5	Pass
				-30	3.85	19.698	0.0111	-2.5 to 2.5	Pass
				-20	3.85	19.712	0.0111	-2.5 to 2.5	Pass
				-10	3.85	20.027	0.0113	-2.5 to 2.5	Pass
				0	3.85	21.057	0.0118	-2.5 to 2.5	Pass
				10	3.85	20.728	0.0116	-2.5 to 2.5	Pass
				30	3.85	22.058	0.0124	-2.5 to 2.5	Pass
				40	3.85	22.974	0.0129	-2.5 to 2.5	Pass
				50	3.85	23.088	0.0130	-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	-2.933	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
					4.43	32.201	0.0188	-2.5 to 2.5	Pass
				-30	3.85	14.091	0.0082	-2.5 to 2.5	Pass
				-20	3.85	35.491	0.0207	-2.5 to 2.5	Pass
				-10	3.85	13.318	0.0078	-2.5 to 2.5	Pass
				0	3.85	21.944	0.0128	-2.5 to 2.5	Pass
				10	3.85	27.952	0.0163	-2.5 to 2.5	Pass
				30	3.85	30.642	0.0179	-2.5 to 2.5	Pass
				40	3.85	33.531	0.0196	-2.5 to 2.5	Pass
				50	3.85	34.232	0.0200	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-2.975	-0.0017	-2.5 to 2.5	Pass
					3.85	-10.743	-0.0062	-2.5 to 2.5	Pass
					4.43	-10.386	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-11.287	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-10.543	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-11.287	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-10.915	-0.0063	-2.5 to 2.5	Pass

				10	3.85	-11.187	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-11.458	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-11.487	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-11.415	-0.0065	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-9.241	-0.0052	-2.5 to 2.5	Pass
					3.85	-15.364	-0.0086	-2.5 to 2.5	Pass
					4.43	-15.650	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-14.262	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-12.445	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-11.587	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-11.930	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-11.101	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-11.001	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-11.687	-0.0066	-2.5 to 2.5	Pass
				50	3.85	10.185	0.0057	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	36.678	0.0214	-2.5 to 2.5	Pass
					3.85	39.668	0.0232	-2.5 to 2.5	Pass
					4.43	38.967	0.0228	-2.5 to 2.5	Pass
				-30	3.85	38.280	0.0224	-2.5 to 2.5	Pass
				-20	3.85	38.395	0.0224	-2.5 to 2.5	Pass
				-10	3.85	38.567	0.0225	-2.5 to 2.5	Pass
				0	3.85	36.936	0.0216	-2.5 to 2.5	Pass
				10	3.85	35.205	0.0206	-2.5 to 2.5	Pass
				30	3.85	36.135	0.0211	-2.5 to 2.5	Pass
				40	3.85	37.565	0.0219	-2.5 to 2.5	Pass
				50	3.85	36.035	0.0211	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-13.132	-0.0075	-2.5 to 2.5	Pass
					3.85	-12.274	-0.0070	-2.5 to 2.5	Pass
					4.43	-13.304	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-14.491	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-15.693	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-16.809	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-17.281	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-17.095	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-18.010	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-18.082	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-18.725	-0.0107	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	8.912	0.0050	-2.5 to 2.5	Pass
					3.85	22.759	0.0128	-2.5 to 2.5	Pass
					4.43	27.051	0.0152	-2.5 to 2.5	Pass
				-30	3.85	9.785	0.0055	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	18.525	0.0104	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	13.118	0.0074	-2.5 to 2.5	Pass
				30	3.85	23.804	0.0134	-2.5 to 2.5	Pass
				40	3.85	34.418	0.0194	-2.5 to 2.5	Pass
				50	3.85	6.652	0.0037	-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	1.874	0.0011	-2.5 to 2.5	Pass
					3.85	7.424	0.0043	-2.5 to 2.5	Pass
					4.43	34.561	0.0202	-2.5 to 2.5	Pass

				-30	3.85	6.881	0.0040	-2.5 to 2.5	Pass
				-20	3.85	28.410	0.0166	-2.5 to 2.5	Pass
				-10	3.85	8.826	0.0052	-2.5 to 2.5	Pass
				0	3.85	30.456	0.0178	-2.5 to 2.5	Pass
				10	3.85	6.967	0.0041	-2.5 to 2.5	Pass
				30	3.85	16.952	0.0099	-2.5 to 2.5	Pass
				40	3.85	26.050	0.0152	-2.5 to 2.5	Pass
				50	3.85	32.029	0.0187	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	4.463	0.0026	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				-10	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				0	3.85	5.465	0.0031	-2.5 to 2.5	Pass
				10	3.85	6.452	0.0037	-2.5 to 2.5	Pass
				30	3.85	7.367	0.0042	-2.5 to 2.5	Pass
				40	3.85	7.181	0.0041	-2.5 to 2.5	Pass
				50	3.85	7.210	0.0041	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-1.030	-0.0006	-2.5 to 2.5	Pass
					3.85	-9.055	-0.0051	-2.5 to 2.5	Pass
					4.43	-8.826	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				40	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	6.309	0.0037	-2.5 to 2.5	Pass
					4.43	8.183	0.0048	-2.5 to 2.5	Pass
				-30	3.85	10.128	0.0059	-2.5 to 2.5	Pass
				-20	3.85	11.559	0.0067	-2.5 to 2.5	Pass
				-10	3.85	13.046	0.0076	-2.5 to 2.5	Pass
				0	3.85	13.890	0.0081	-2.5 to 2.5	Pass
				10	3.85	14.763	0.0086	-2.5 to 2.5	Pass
				30	3.85	17.581	0.0103	-2.5 to 2.5	Pass
				40	3.85	18.296	0.0107	-2.5 to 2.5	Pass
				50	3.85	19.197	0.0112	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	7.782	0.0045	-2.5 to 2.5	Pass
					3.85	8.898	0.0051	-2.5 to 2.5	Pass
					4.43	7.539	0.0043	-2.5 to 2.5	Pass
				-30	3.85	6.337	0.0036	-2.5 to 2.5	Pass
				-20	3.85	5.822	0.0033	-2.5 to 2.5	Pass
				-10	3.85	5.164	0.0030	-2.5 to 2.5	Pass
				0	3.85	4.821	0.0028	-2.5 to 2.5	Pass
				10	3.85	5.565	0.0032	-2.5 to 2.5	Pass
				30	3.85	4.263	0.0024	-2.5 to 2.5	Pass
				40	3.85	4.077	0.0023	-2.5 to 2.5	Pass
				50	3.85	4.649	0.0027	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-11.272	-0.0063	-2.5 to 2.5	Pass
					3.85	-19.884	-0.0112	-2.5 to 2.5	Pass
					4.43	-31.271	-0.0176	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-8.526	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-13.046	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-16.265	-0.0092	-2.5 to 2.5	Pass

				10	3.85	-16.451	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-16.179	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-14.176	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-12.360	-0.0070	-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	-12.360	-0.0072	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
					4.43	36.864	0.0215	-2.5 to 2.5	Pass
				-30	3.85	26.550	0.0155	-2.5 to 2.5	Pass
				-20	3.85	43.759	0.0255	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0035	-2.5 to 2.5	Pass
				0	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				10	3.85	7.796	0.0045	-2.5 to 2.5	Pass
				30	3.85	11.916	0.0069	-2.5 to 2.5	Pass
				40	3.85	14.749	0.0086	-2.5 to 2.5	Pass
				50	3.85	16.422	0.0096	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-5.679	-0.0033	-2.5 to 2.5	Pass
					3.85	-13.189	-0.0076	-2.5 to 2.5	Pass
					4.43	-7.625	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-9.999	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	25.620	0.0147	-2.5 to 2.5	Pass
				-10	3.85	17.309	0.0099	-2.5 to 2.5	Pass
				0	3.85	29.798	0.0171	-2.5 to 2.5	Pass
				10	3.85	30.084	0.0172	-2.5 to 2.5	Pass
				30	3.85	16.594	0.0095	-2.5 to 2.5	Pass
				40	3.85	34.447	0.0197	-2.5 to 2.5	Pass
				50	3.85	12.660	0.0073	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-0.415	-0.0002	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	8.583	0.0048	-2.5 to 2.5	Pass
				-30	3.85	17.653	0.0099	-2.5 to 2.5	Pass
				-20	3.85	24.076	0.0136	-2.5 to 2.5	Pass
				-10	3.85	30.255	0.0170	-2.5 to 2.5	Pass
				0	3.85	35.534	0.0200	-2.5 to 2.5	Pass
				10	3.85	39.239	0.0221	-2.5 to 2.5	Pass
				30	3.85	-6.781	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	18.983	0.0111	-2.5 to 2.5	Pass
					3.85	18.454	0.0108	-2.5 to 2.5	Pass
					4.43	15.621	0.0091	-2.5 to 2.5	Pass
				-30	3.85	14.734	0.0086	-2.5 to 2.5	Pass
				-20	3.85	13.862	0.0081	-2.5 to 2.5	Pass
				-10	3.85	14.906	0.0087	-2.5 to 2.5	Pass
				0	3.85	14.691	0.0086	-2.5 to 2.5	Pass
				10	3.85	14.319	0.0083	-2.5 to 2.5	Pass
				30	3.85	14.620	0.0085	-2.5 to 2.5	Pass
				40	3.85	14.420	0.0084	-2.5 to 2.5	Pass
				50	3.85	14.262	0.0083	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	25.220	0.0145	-2.5 to 2.5	Pass
					3.85	34.404	0.0197	-2.5 to 2.5	Pass
					4.43	40.169	0.0230	-2.5 to 2.5	Pass

				-30	3.85	45.290	0.0260	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				-10	3.85	6.738	0.0039	-2.5 to 2.5	Pass
				0	3.85	11.358	0.0065	-2.5 to 2.5	Pass
				10	3.85	15.807	0.0091	-2.5 to 2.5	Pass
				30	3.85	20.285	0.0116	-2.5 to 2.5	Pass
				40	3.85	24.691	0.0141	-2.5 to 2.5	Pass
				50	3.85	28.596	0.0164	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	3.347	0.0019	-2.5 to 2.5	Pass
					3.85	4.621	0.0026	-2.5 to 2.5	Pass
					4.43	3.719	0.0021	-2.5 to 2.5	Pass
				-30	3.85	4.492	0.0025	-2.5 to 2.5	Pass
				-20	3.85	9.441	0.0053	-2.5 to 2.5	Pass
				-10	3.85	5.622	0.0032	-2.5 to 2.5	Pass
				0	3.85	38.223	0.0215	-2.5 to 2.5	Pass
				10	3.85	17.166	0.0097	-2.5 to 2.5	Pass
				30	3.85	5.665	0.0032	-2.5 to 2.5	Pass
				40	3.85	21.744	0.0123	-2.5 to 2.5	Pass
				50	3.85	35.706	0.0201	-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	25.206	0.0147	-2.5 to 2.5	Pass
					3.85	23.475	0.0137	-2.5 to 2.5	Pass
					4.43	23.003	0.0134	-2.5 to 2.5	Pass
				-30	3.85	29.941	0.0174	-2.5 to 2.5	Pass
				-20	3.85	26.536	0.0155	-2.5 to 2.5	Pass
				-10	3.85	28.052	0.0163	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				10	3.85	14.162	0.0082	-2.5 to 2.5	Pass
				30	3.85	26.765	0.0156	-2.5 to 2.5	Pass
				40	3.85	30.541	0.0178	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-0.243	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
					4.43	2.275	0.0013	-2.5 to 2.5	Pass
				-30	3.85	7.725	0.0044	-2.5 to 2.5	Pass
				-20	3.85	11.787	0.0068	-2.5 to 2.5	Pass
				-10	3.85	14.906	0.0085	-2.5 to 2.5	Pass
				0	3.85	17.524	0.0100	-2.5 to 2.5	Pass
				10	3.85	20.056	0.0115	-2.5 to 2.5	Pass
				30	3.85	23.890	0.0137	-2.5 to 2.5	Pass
				40	3.85	25.907	0.0148	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	0.658	0.0004	-2.5 to 2.5	Pass
					3.85	2.346	0.0013	-2.5 to 2.5	Pass
					4.43	10.142	0.0057	-2.5 to 2.5	Pass
				-30	3.85	16.136	0.0091	-2.5 to 2.5	Pass
				-20	3.85	20.428	0.0115	-2.5 to 2.5	Pass
				-10	3.85	23.432	0.0132	-2.5 to 2.5	Pass
				0	3.85	25.649	0.0145	-2.5 to 2.5	Pass
				10	3.85	27.466	0.0155	-2.5 to 2.5	Pass
				30	3.85	28.310	0.0160	-2.5 to 2.5	Pass
				40	3.85	28.396	0.0160	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	29.283	0.0165	-2.5 to 2.5	Pass
				20	3.27	21.887	0.0127	-2.5 to 2.5	Pass
					3.85	28.853	0.0168	-2.5 to 2.5	Pass
					4.43	31.886	0.0186	-2.5 to 2.5	Pass
				-30	3.85	36.235	0.0211	-2.5 to 2.5	Pass
				-20	3.85	40.140	0.0234	-2.5 to 2.5	Pass
				-10	3.85	7.095	0.0041	-2.5 to 2.5	Pass
				0	3.85	11.644	0.0068	-2.5 to 2.5	Pass
				10	3.85	15.678	0.0091	-2.5 to 2.5	Pass
				30	3.85	20.041	0.0117	-2.5 to 2.5	Pass
	1745	75	0	40	3.85	23.947	0.0139	-2.5 to 2.5	Pass
				50	3.85	27.709	0.0161	-2.5 to 2.5	Pass
				20	3.27	31.142	0.0178	-2.5 to 2.5	Pass
					3.85	30.541	0.0175	-2.5 to 2.5	Pass
					4.43	29.969	0.0172	-2.5 to 2.5	Pass
				-30	3.85	29.168	0.0167	-2.5 to 2.5	Pass
				-20	3.85	28.653	0.0164	-2.5 to 2.5	Pass
				-10	3.85	29.168	0.0167	-2.5 to 2.5	Pass
				0	3.85	30.756	0.0176	-2.5 to 2.5	Pass
				10	3.85	31.443	0.0180	-2.5 to 2.5	Pass
	1772.5	75	0	30	3.85	32.101	0.0184	-2.5 to 2.5	Pass
				40	3.85	33.002	0.0189	-2.5 to 2.5	Pass
				50	3.85	34.218	0.0196	-2.5 to 2.5	Pass
				20	3.27	31.543	0.0178	-2.5 to 2.5	Pass
					3.85	28.853	0.0163	-2.5 to 2.5	Pass
					4.43	25.778	0.0145	-2.5 to 2.5	Pass
				-30	3.85	23.017	0.0130	-2.5 to 2.5	Pass
				-20	3.85	23.046	0.0130	-2.5 to 2.5	Pass
				-10	3.85	23.861	0.0135	-2.5 to 2.5	Pass
				0	3.85	23.718	0.0134	-2.5 to 2.5	Pass
				10	3.85	24.033	0.0136	-2.5 to 2.5	Pass
				30	3.85	24.004	0.0135	-2.5 to 2.5	Pass
				40	3.85	24.633	0.0139	-2.5 to 2.5	Pass
				50	3.85	24.891	0.0140	-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	24.605	0.0143	-2.5 to 2.5	Pass
					3.85	17.939	0.0104	-2.5 to 2.5	Pass
					4.43	8.454	0.0049	-2.5 to 2.5	Pass
				-30	3.85	16.108	0.0094	-2.5 to 2.5	Pass
				-20	3.85	16.637	0.0097	-2.5 to 2.5	Pass
				-10	3.85	29.211	0.0170	-2.5 to 2.5	Pass
				0	3.85	-5.107	-0.0030	-2.5 to 2.5	Pass
				10	3.85	6.351	0.0037	-2.5 to 2.5	Pass
				30	3.85	18.568	0.0108	-2.5 to 2.5	Pass
				40	3.85	24.834	0.0144	-2.5 to 2.5	Pass
	1745	100	0	50	3.85	30.499	0.0177	-2.5 to 2.5	Pass
				20	3.27	-3.548	-0.0020	-2.5 to 2.5	Pass
					3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
					4.43	2.518	0.0014	-2.5 to 2.5	Pass
				-30	3.85	5.493	0.0031	-2.5 to 2.5	Pass
				-20	3.85	7.796	0.0045	-2.5 to 2.5	Pass
				-10	3.85	8.283	0.0047	-2.5 to 2.5	Pass

				0	3.85	9.885	0.0057	-2.5 to 2.5	Pass
				10	3.85	9.942	0.0057	-2.5 to 2.5	Pass
				30	3.85	11.458	0.0066	-2.5 to 2.5	Pass
				40	3.85	11.501	0.0066	-2.5 to 2.5	Pass
				50	3.85	12.445	0.0071	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-15.063	-0.0085	-2.5 to 2.5	Pass
					3.85	-8.454	-0.0048	-2.5 to 2.5	Pass
					4.43	8.440	0.0048	-2.5 to 2.5	Pass
				-30	3.85	16.565	0.0094	-2.5 to 2.5	Pass
				-20	3.85	20.657	0.0117	-2.5 to 2.5	Pass
				-10	3.85	22.316	0.0126	-2.5 to 2.5	Pass
				0	3.85	24.004	0.0136	-2.5 to 2.5	Pass
				10	3.85	24.691	0.0139	-2.5 to 2.5	Pass
				30	3.85	25.649	0.0145	-2.5 to 2.5	Pass
				40	3.85	25.806	0.0146	-2.5 to 2.5	Pass
				50	3.85	25.620	0.0145	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	36.535	0.0212	-2.5 to 2.5	Pass
					3.85	36.135	0.0210	-2.5 to 2.5	Pass
					4.43	35.477	0.0206	-2.5 to 2.5	Pass
				-30	3.85	36.206	0.0211	-2.5 to 2.5	Pass
				-20	3.85	37.308	0.0217	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				10	3.85	3.219	0.0019	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0026	-2.5 to 2.5	Pass
				40	3.85	5.908	0.0034	-2.5 to 2.5	Pass
				50	3.85	7.310	0.0042	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	12.860	0.0074	-2.5 to 2.5	Pass
					3.85	5.221	0.0030	-2.5 to 2.5	Pass
					4.43	-3.934	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-12.274	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-13.261	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-14.248	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-14.105	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-14.377	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-14.749	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-15.206	-0.0087	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	26.536	0.0150	-2.5 to 2.5	Pass
					3.85	17.166	0.0097	-2.5 to 2.5	Pass
					4.43	10.328	0.0058	-2.5 to 2.5	Pass
				-30	3.85	5.894	0.0033	-2.5 to 2.5	Pass
				-20	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.576	-0.0020	-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		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

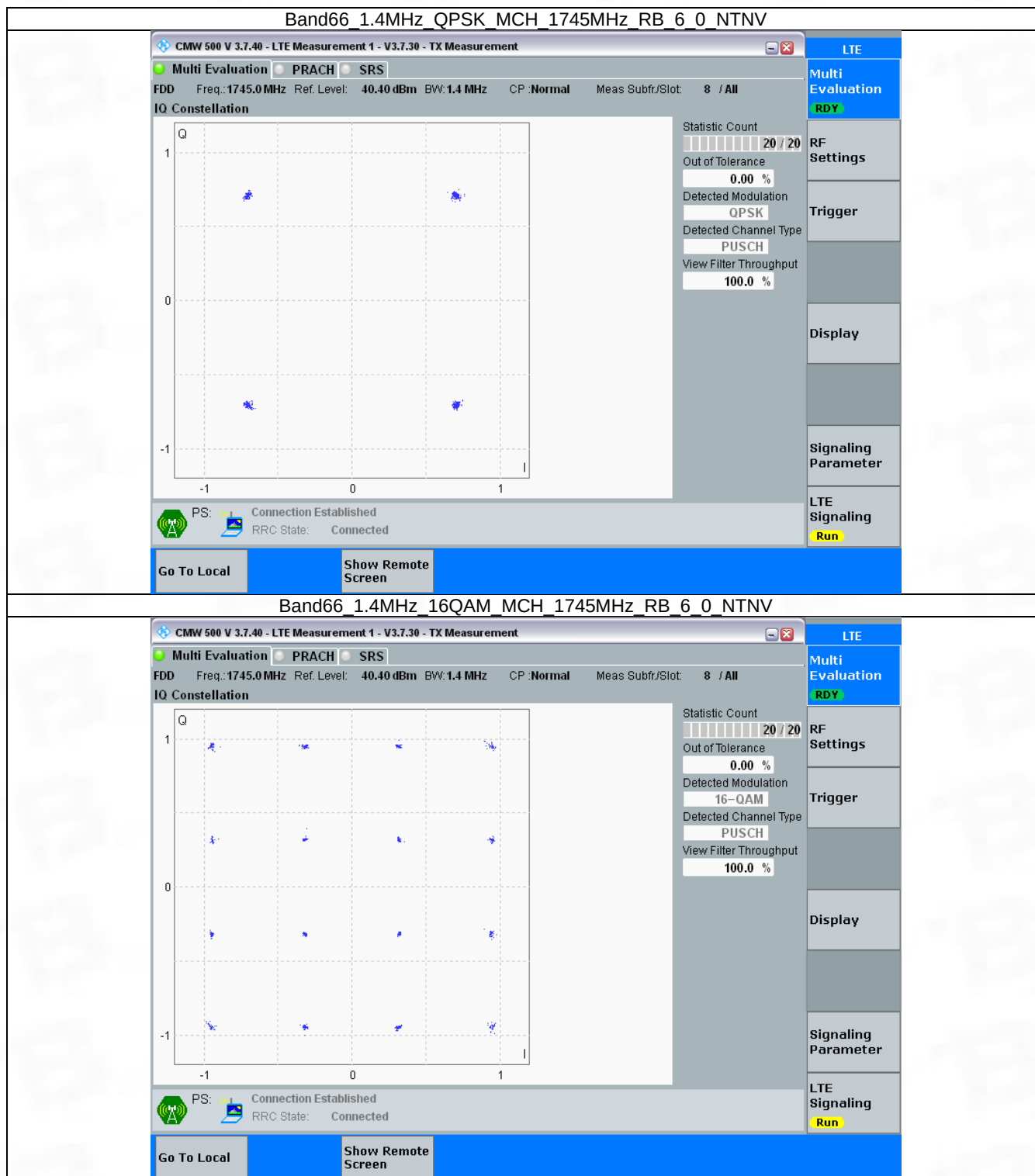
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

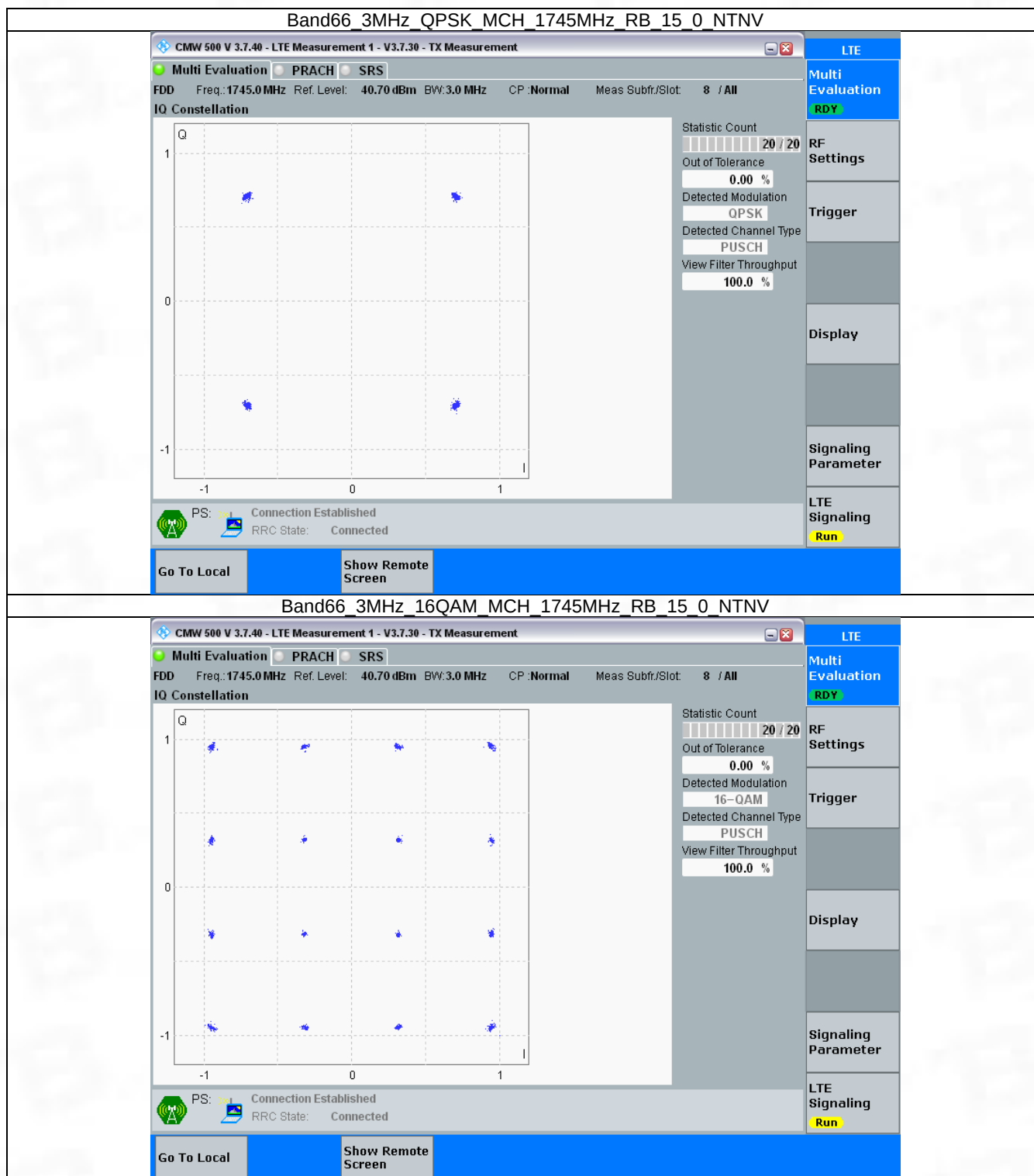
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

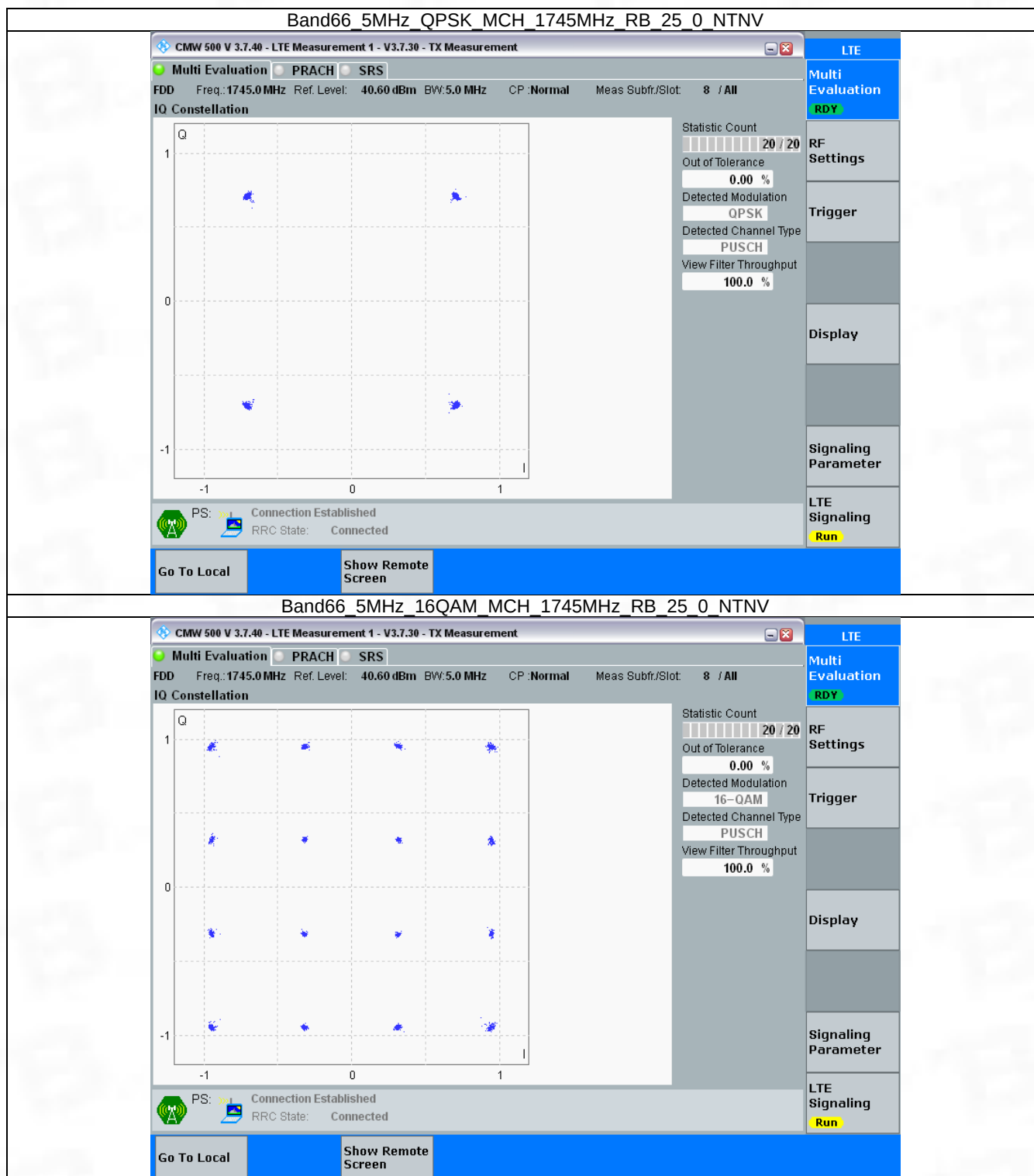
3.2.1 B66_1.4MHz



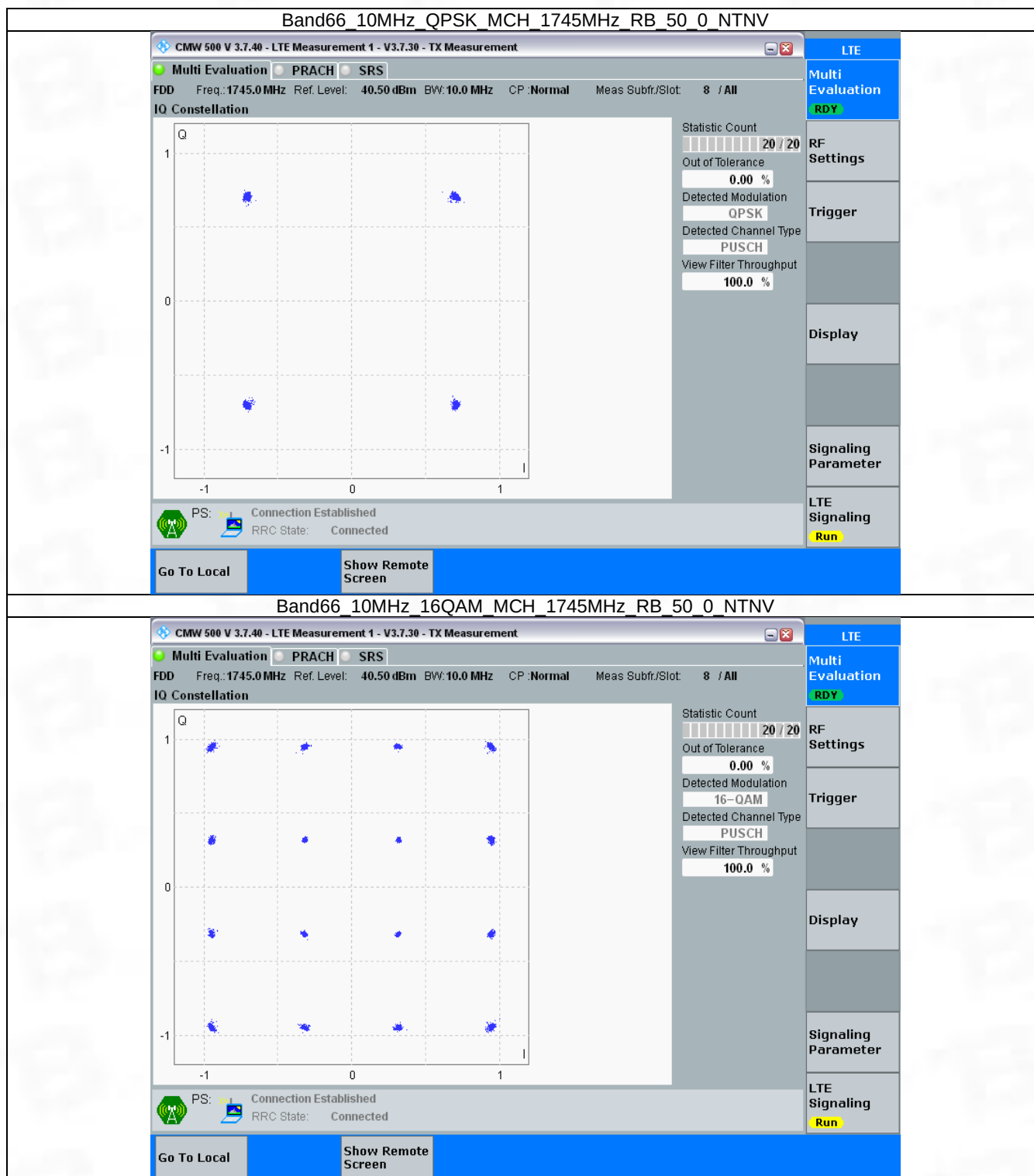
3.2.2 B66_3MHz



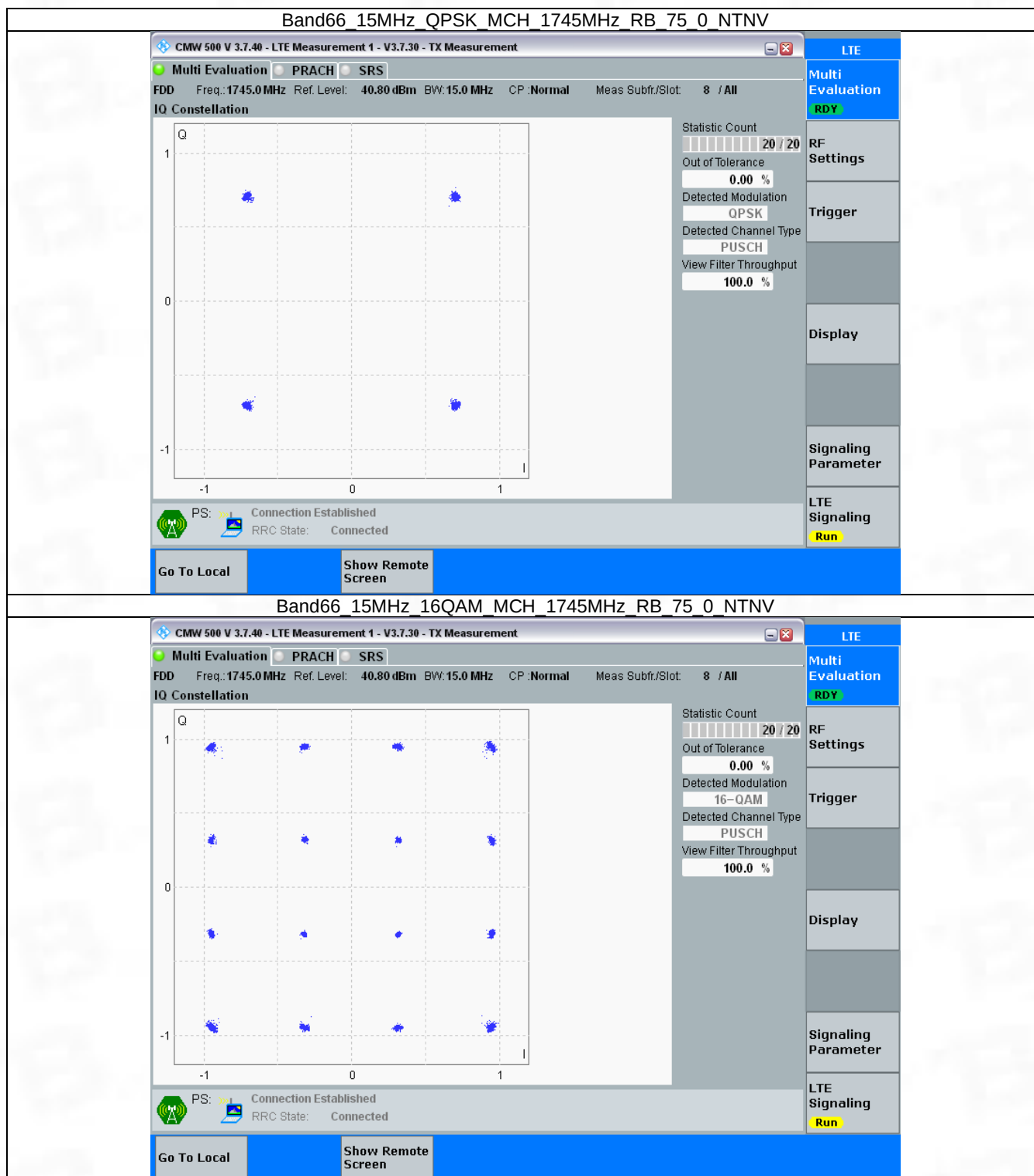
3.2.3 B66_5MHz



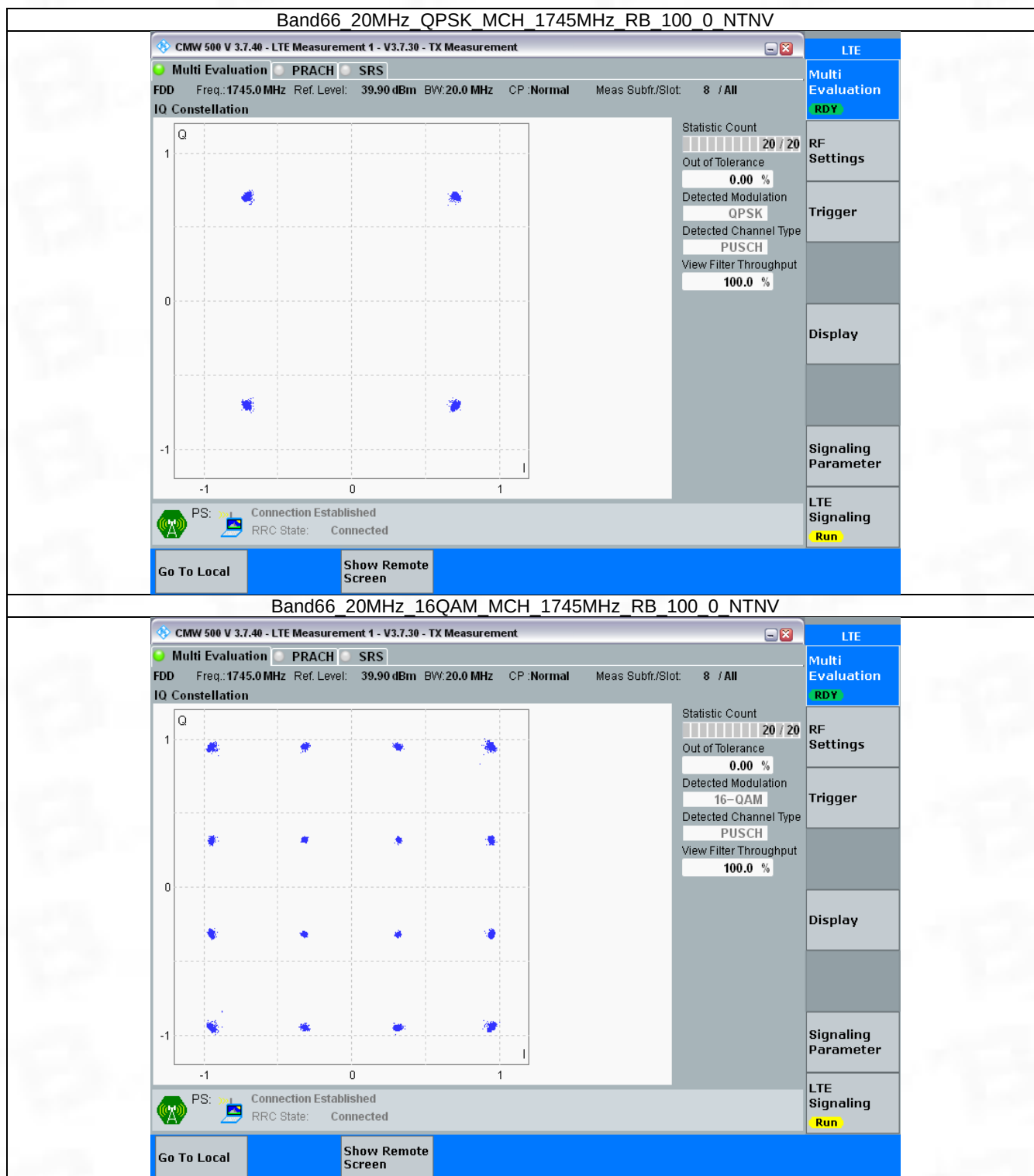
3.2.4 B66_10MHz



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	1.112	/	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	1.105	/	Pass
		1779.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.758	/	Pass
		1745	15	0	2.750	/	Pass
		1778.5	15	0	2.757	/	Pass
	16QAM	1711.5	15	0	2.738	/	Pass
		1745	15	0	2.762	/	Pass
		1778.5	15	0	2.747	/	Pass
5	QPSK	1712.5	25	0	4.552	/	Pass
		1745	25	0	4.559	/	Pass
		1777.5	25	0	4.561	/	Pass
	16QAM	1712.5	25	0	4.585	/	Pass
		1745	25	0	4.560	/	Pass
		1777.5	25	0	4.553	/	Pass
10	QPSK	1715	50	0	9.065	/	Pass
		1745	50	0	9.078	/	Pass
		1775	50	0	9.045	/	Pass
	16QAM	1715	50	0	9.073	/	Pass
		1745	50	0	9.071	/	Pass
		1775	50	0	9.073	/	Pass
15	QPSK	1717.5	75	0	13.612	/	Pass
		1745	75	0	13.590	/	Pass
		1772.5	75	0	13.614	/	Pass
	16QAM	1717.5	75	0	13.605	/	Pass
		1745	75	0	13.600	/	Pass
		1772.5	75	0	13.624	/	Pass
20	QPSK	1720	100	0	18.188	/	Pass
		1745	100	0	18.087	/	Pass
		1770	100	0	18.132	/	Pass
	16QAM	1720	100	0	18.201	/	Pass
		1745	100	0	18.154	/	Pass
		1770	100	0	18.279	/	Pass

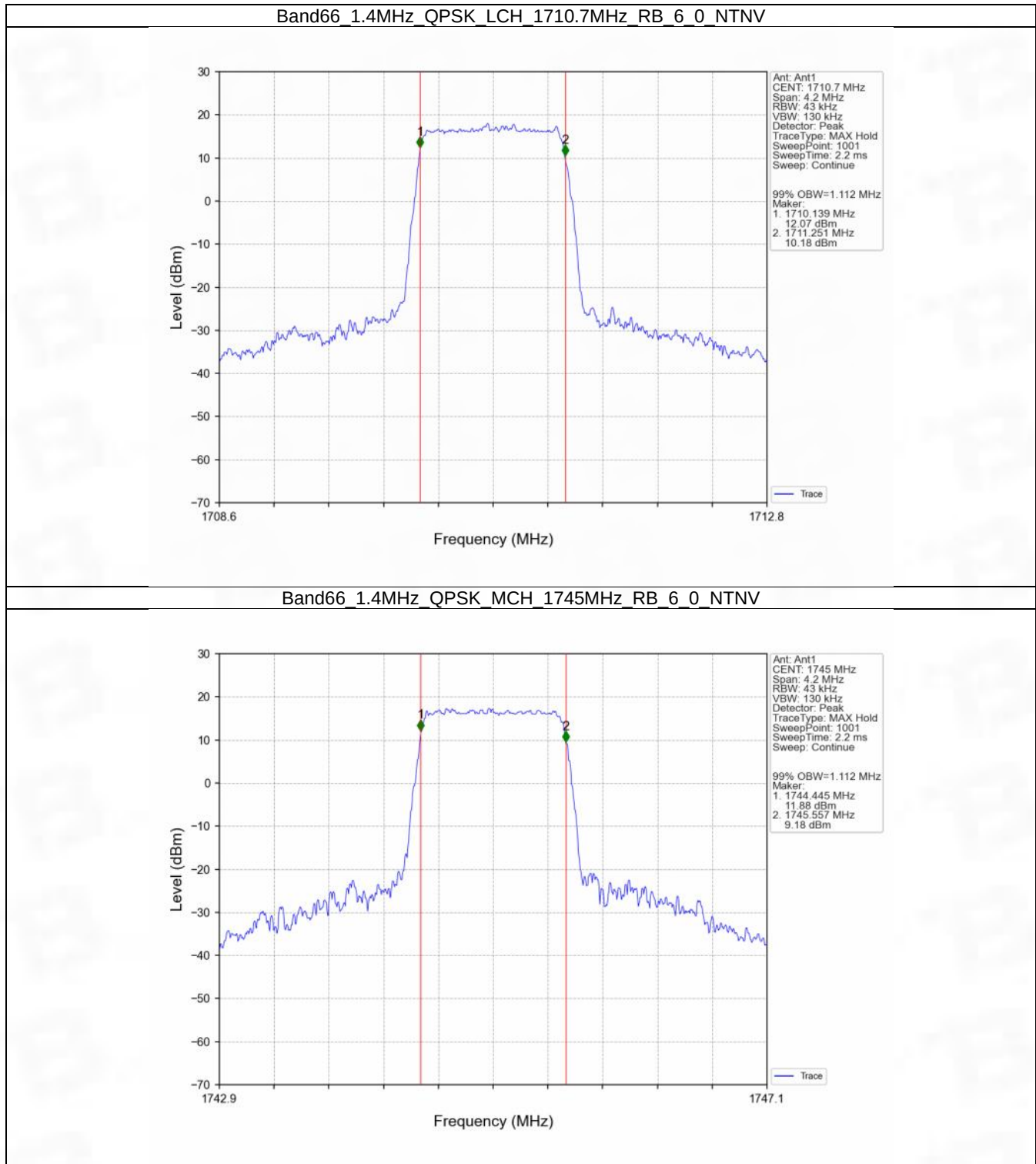
4.1.2 Band66_XDB

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	1.271	/	Pass
		1745	6	0	1.276	/	Pass
		1779.3	6	0	1.273	/	Pass

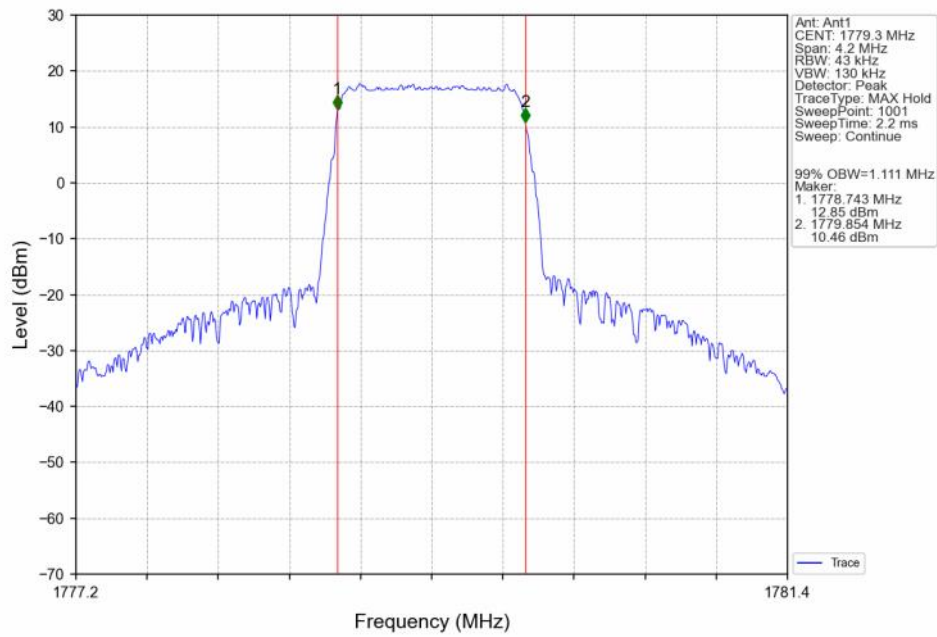
	16QAM	1710.7	6	0	1.274	/	Pass
		1745	6	0	1.269	/	Pass
		1779.3	6	0	1.269	/	Pass
3	QPSK	1711.5	15	0	3.106	/	Pass
		1745	15	0	3.088	/	Pass
		1778.5	15	0	3.096	/	Pass
	16QAM	1711.5	15	0	3.096	/	Pass
		1745	15	0	3.091	/	Pass
		1778.5	15	0	3.104	/	Pass
5	QPSK	1712.5	25	0	5.049	/	Pass
		1745	25	0	5.044	/	Pass
		1777.5	25	0	5.048	/	Pass
	16QAM	1712.5	25	0	5.061	/	Pass
		1745	25	0	5.071	/	Pass
		1777.5	25	0	5.080	/	Pass
10	QPSK	1715	50	0	10.063	/	Pass
		1745	50	0	10.097	/	Pass
		1775	50	0	10.077	/	Pass
	16QAM	1715	50	0	10.081	/	Pass
		1745	50	0	10.029	/	Pass
		1775	50	0	10.063	/	Pass
15	QPSK	1717.5	75	0	15.215	/	Pass
		1745	75	0	15.151	/	Pass
		1772.5	75	0	15.159	/	Pass
	16QAM	1717.5	75	0	15.175	/	Pass
		1745	75	0	15.123	/	Pass
		1772.5	75	0	15.100	/	Pass
20	QPSK	1720	100	0	20.214	/	Pass
		1745	100	0	20.042	/	Pass
		1770	100	0	20.061	/	Pass
	16QAM	1720	100	0	20.019	/	Pass
		1745	100	0	20.080	/	Pass
		1770	100	0	19.984	/	Pass

4.2 Test Graph

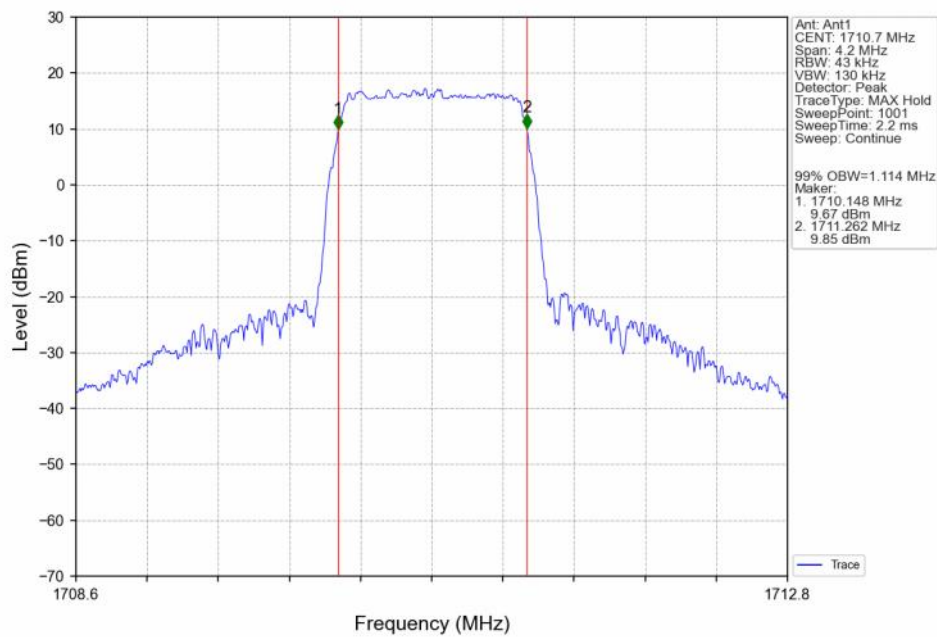
4.2.1 Band66_OBW



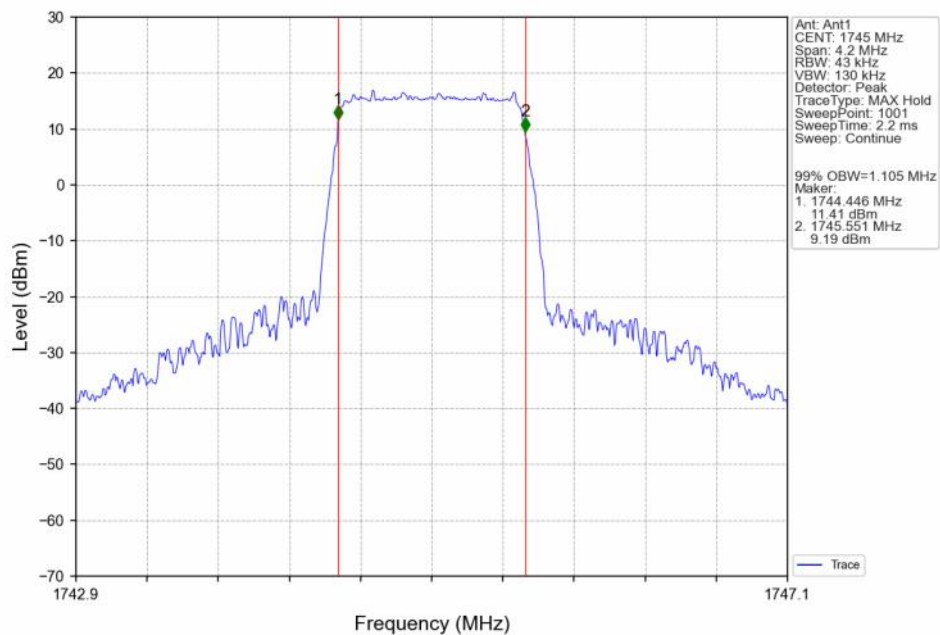
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



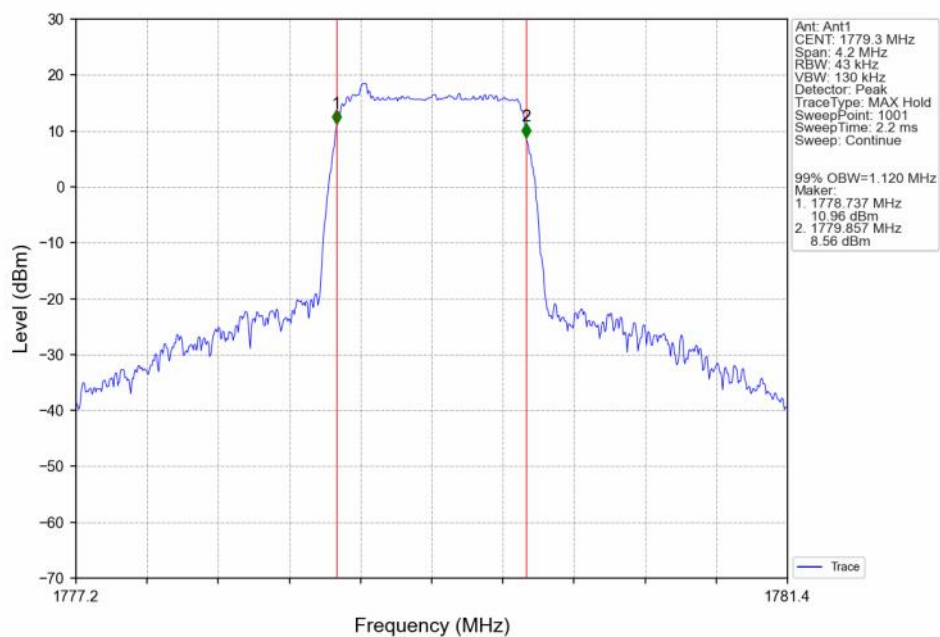
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



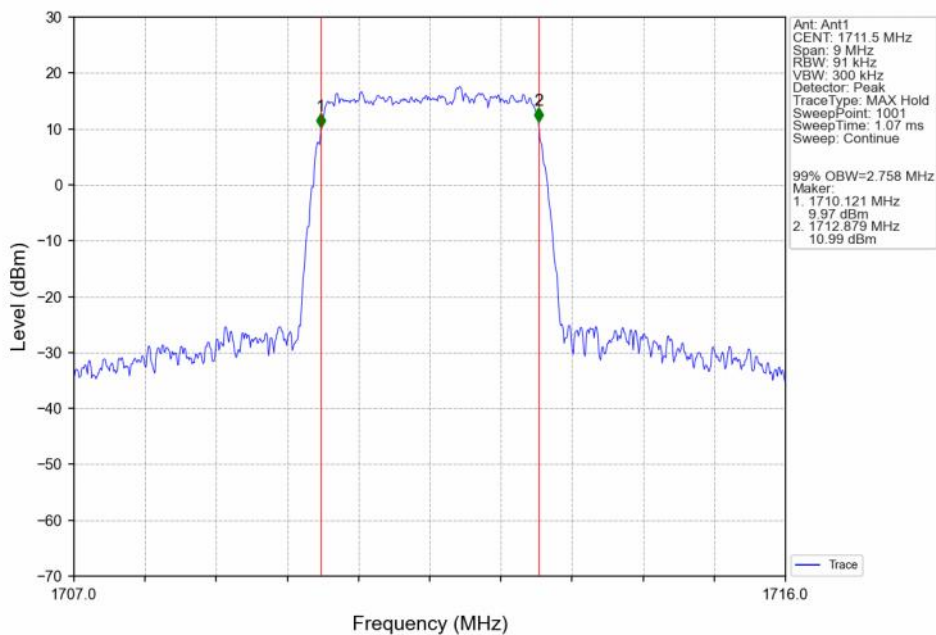
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



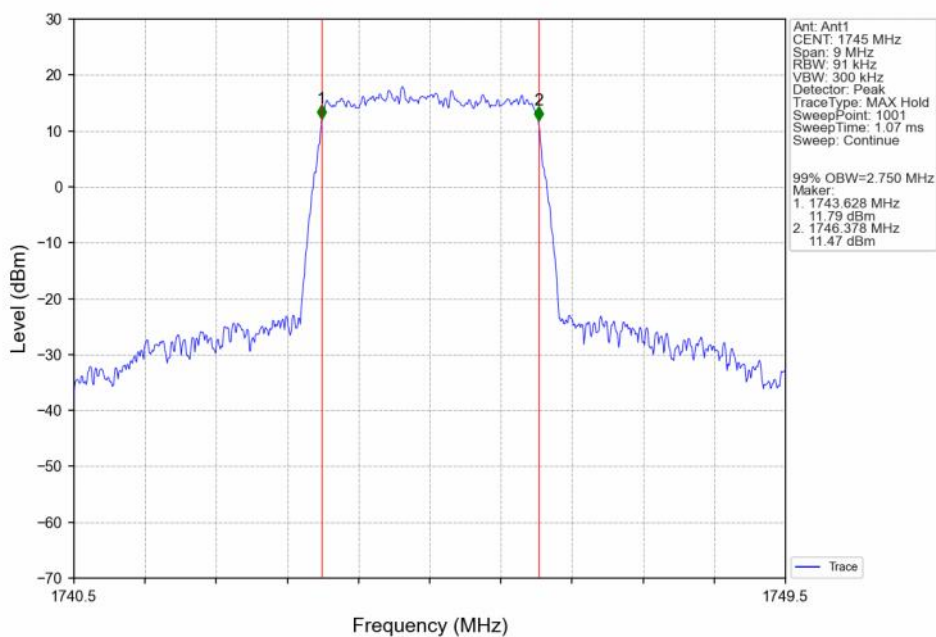
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



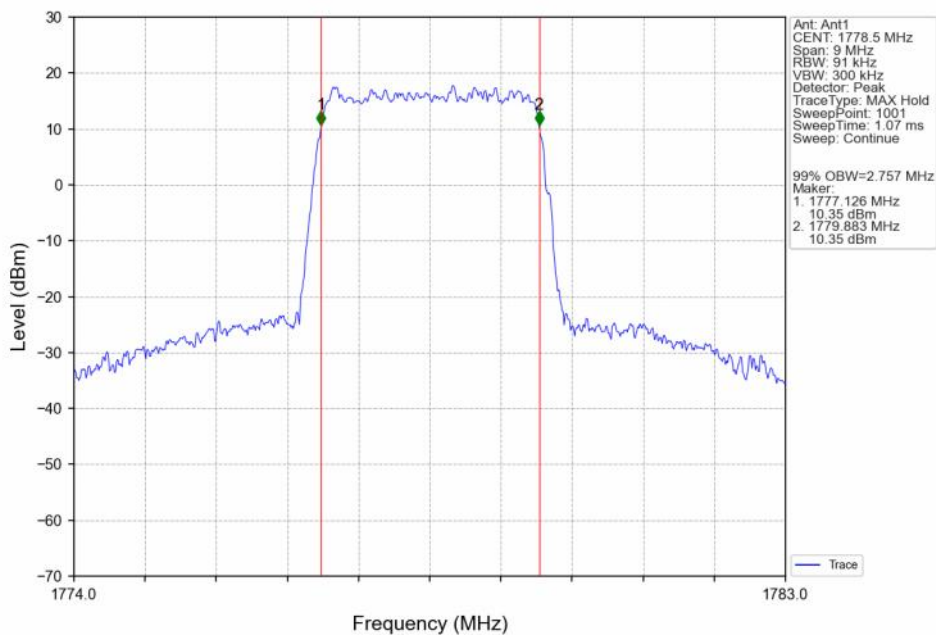
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



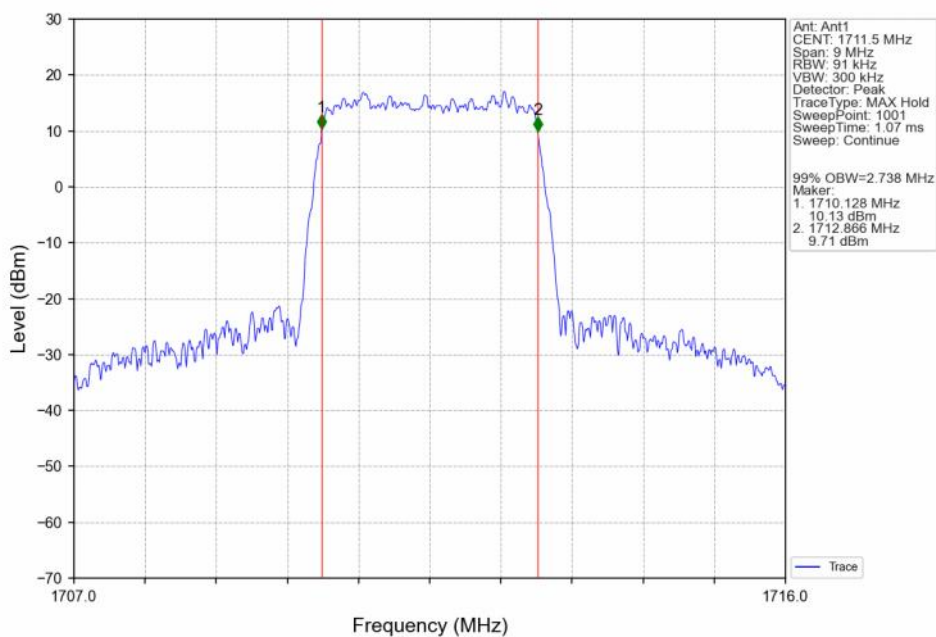
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



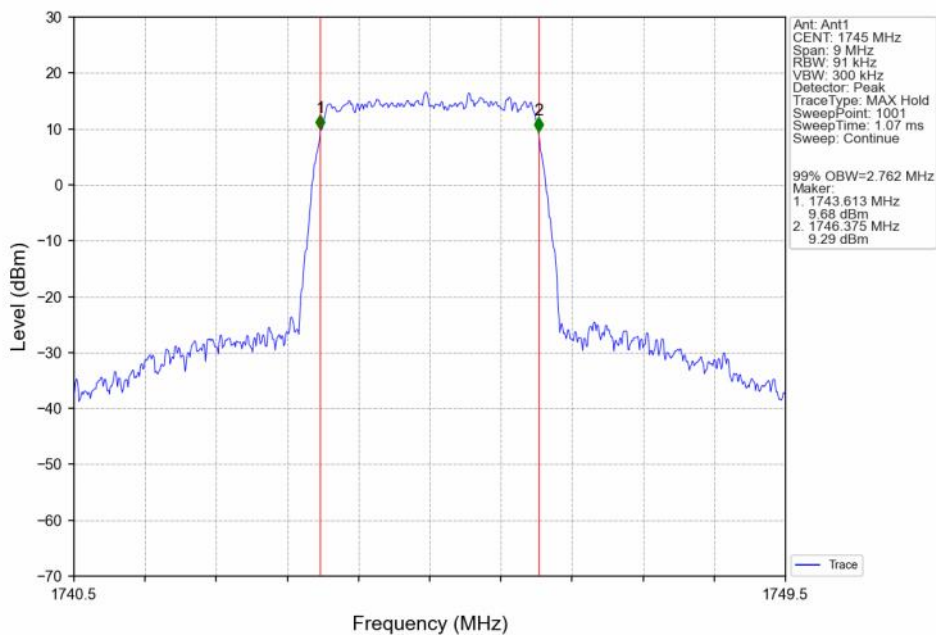
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



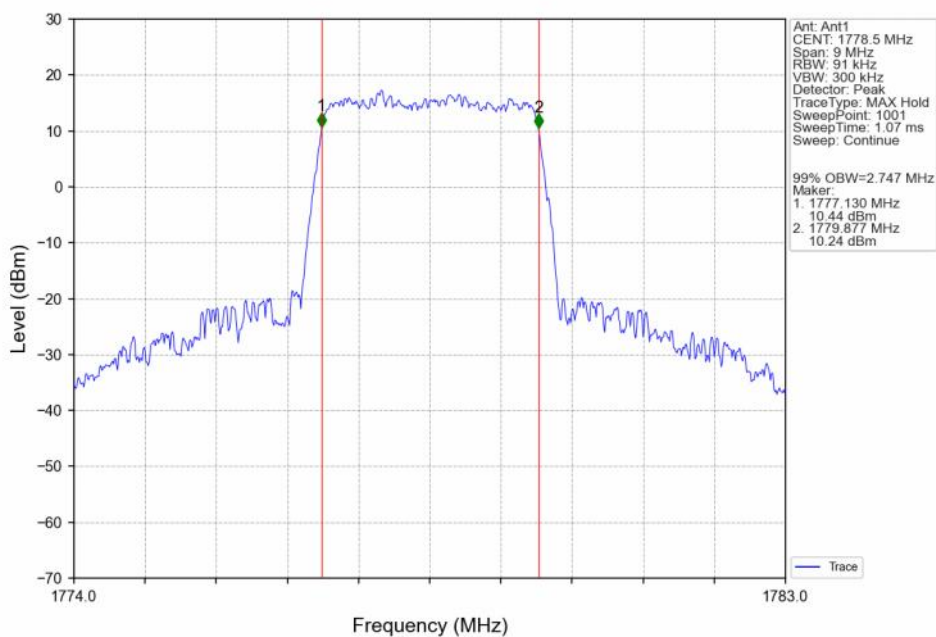
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



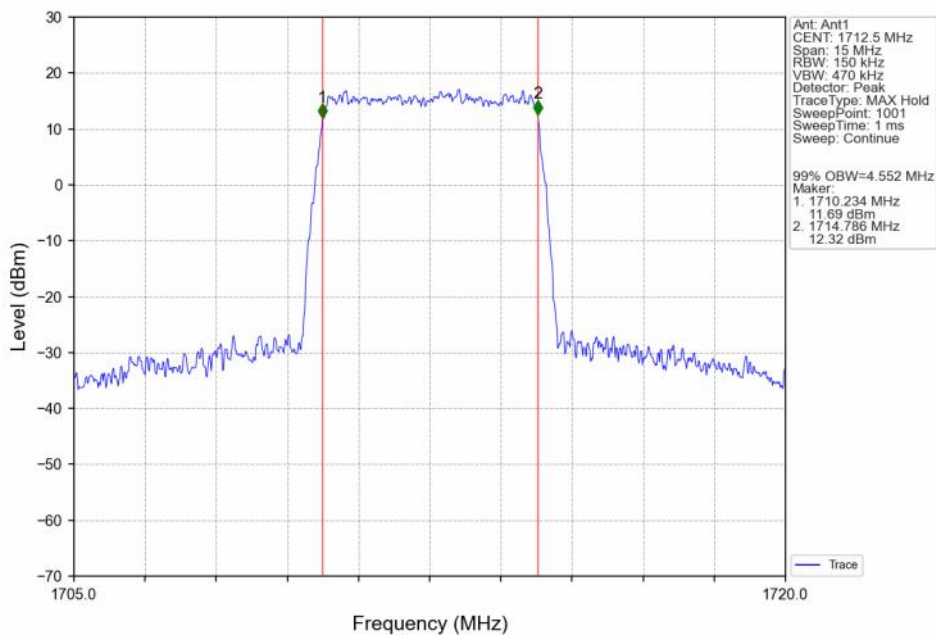
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



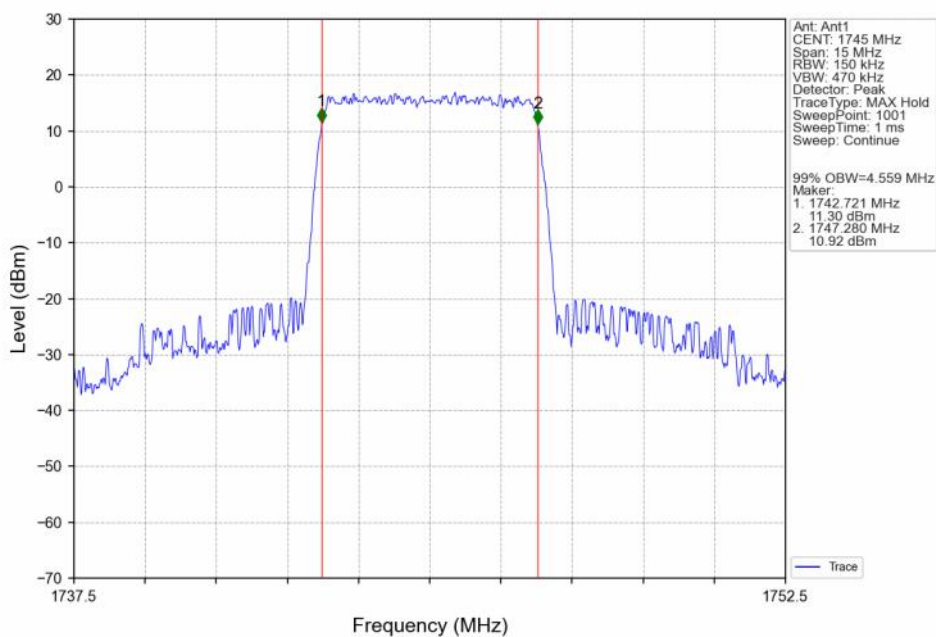
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



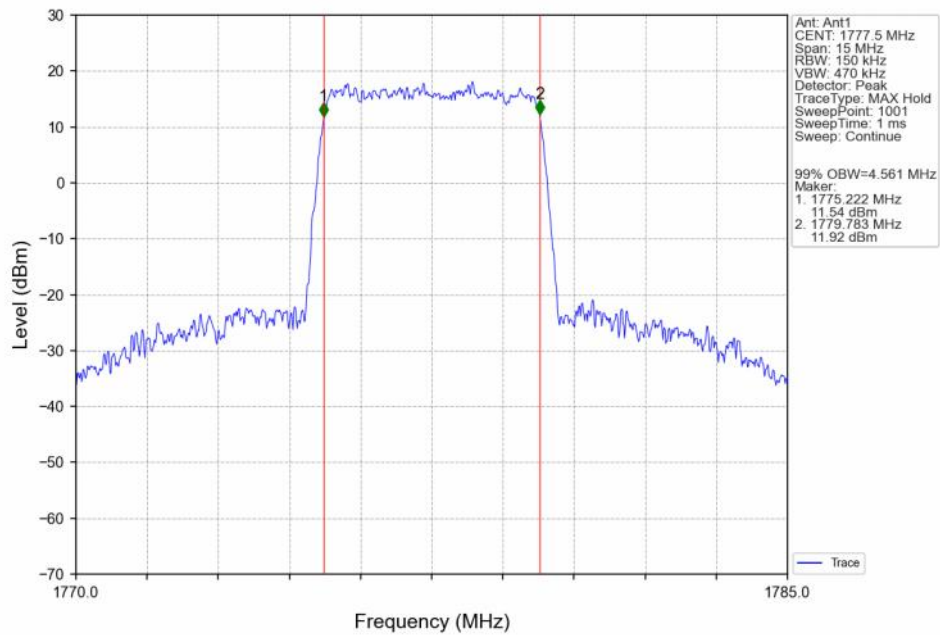
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



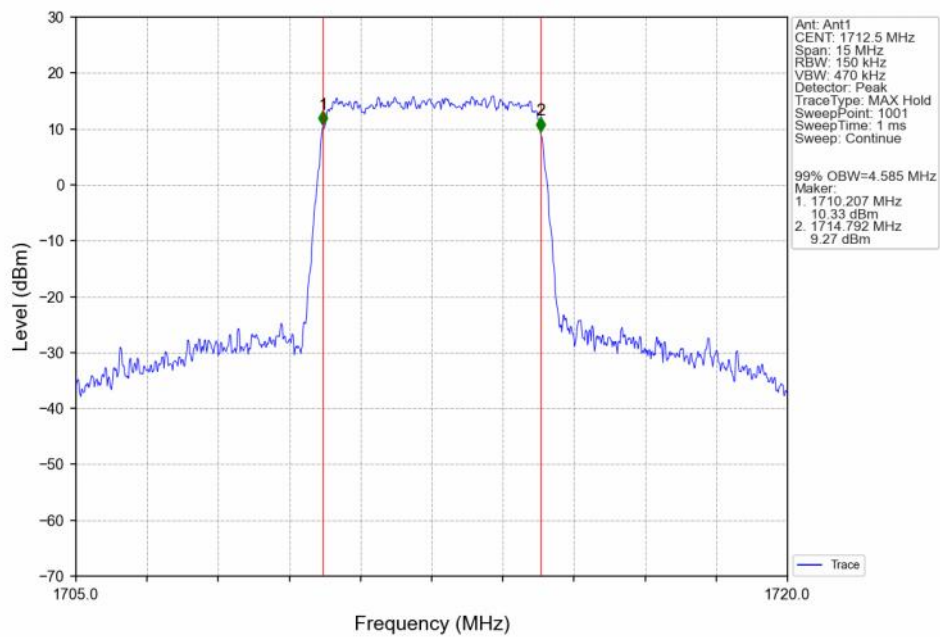
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTN



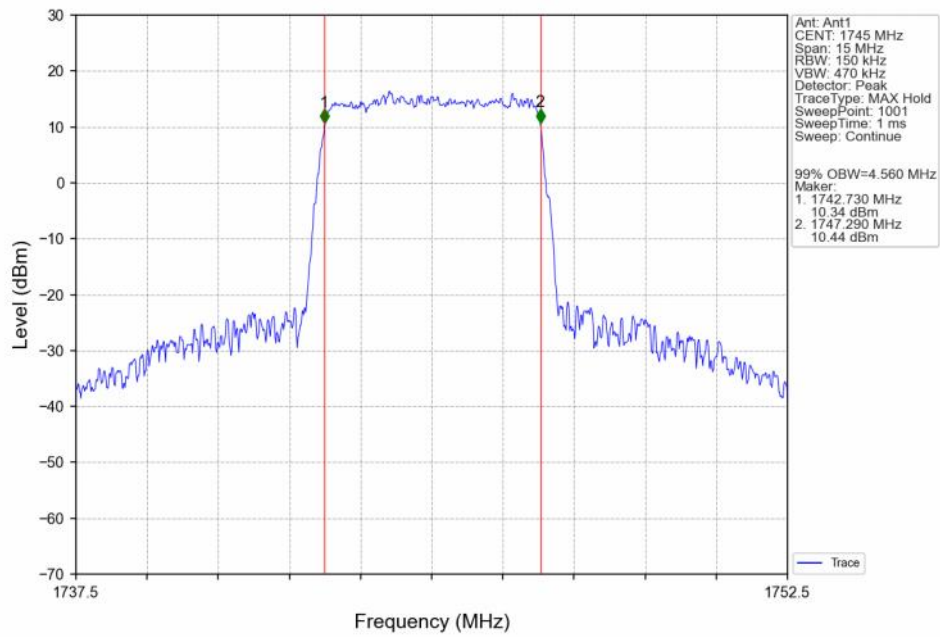
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



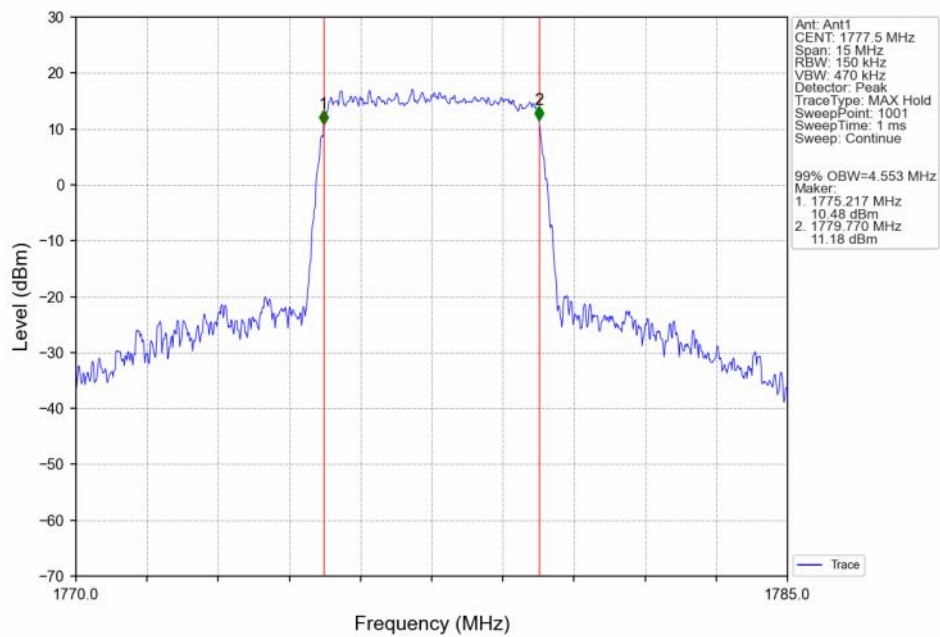
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



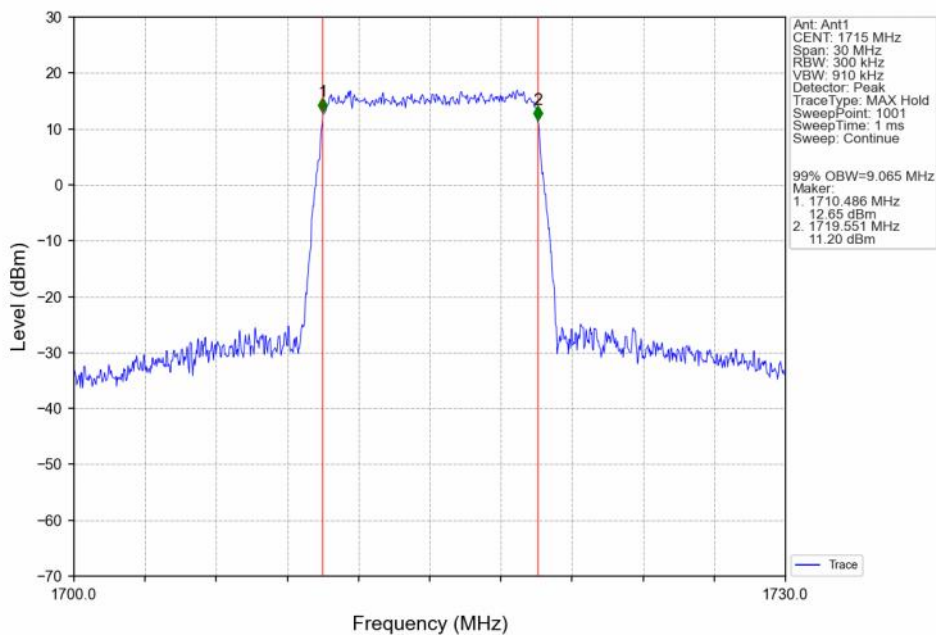
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



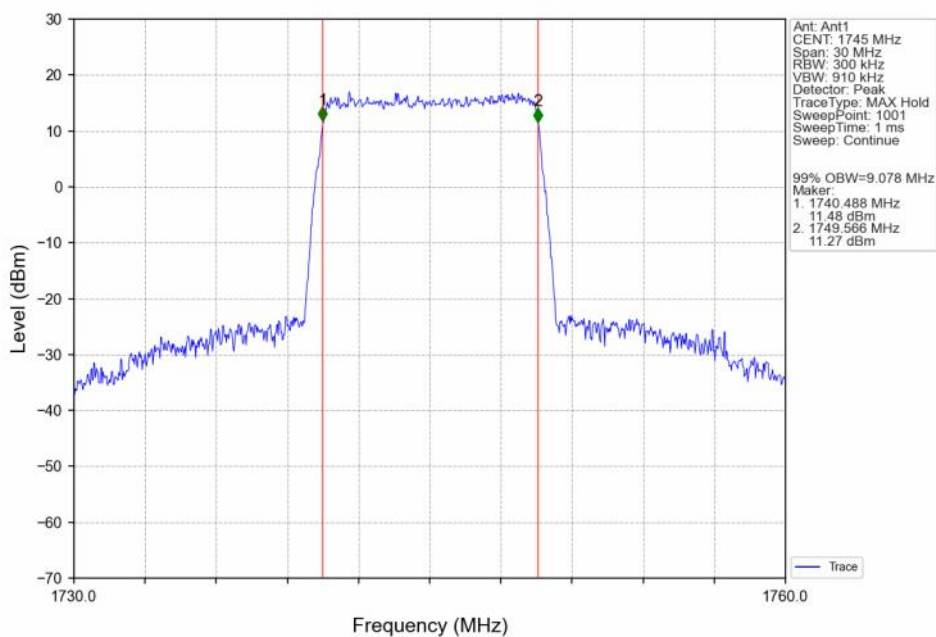
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



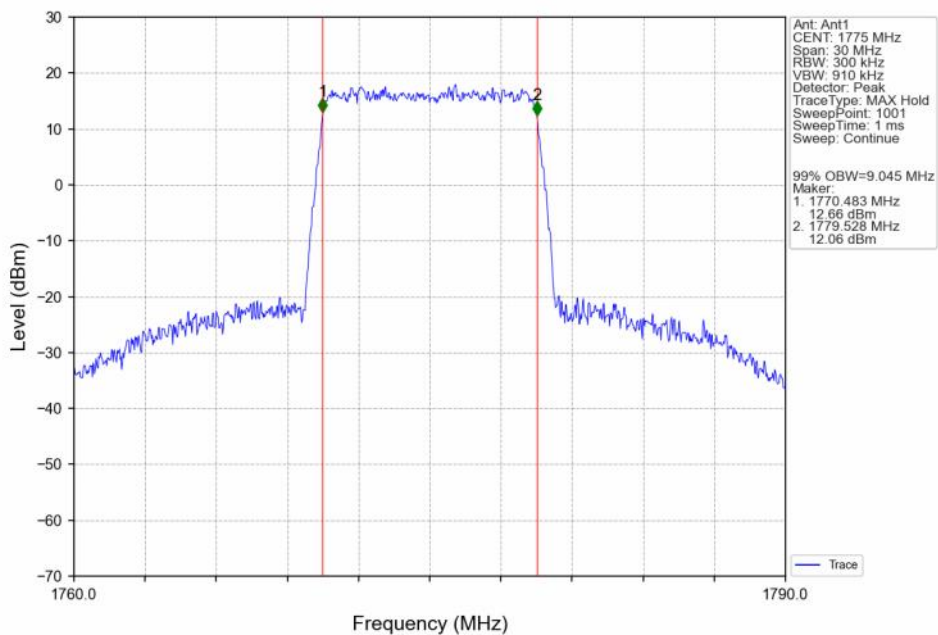
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



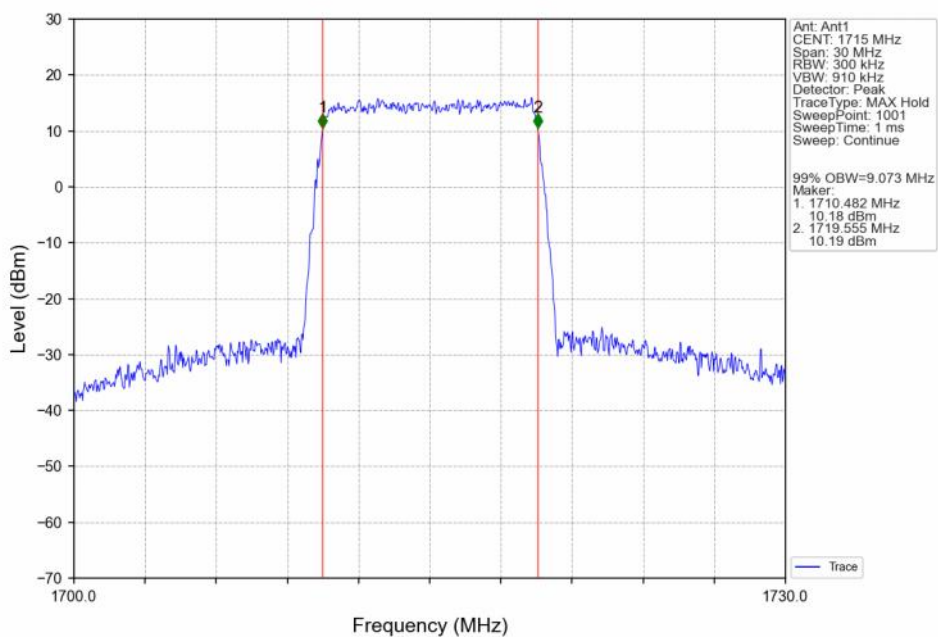
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



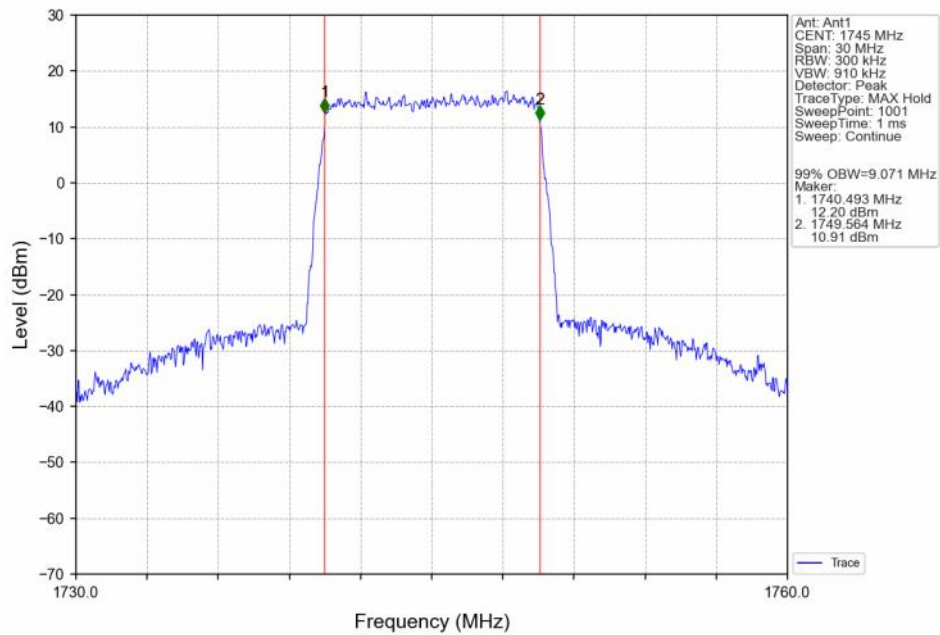
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



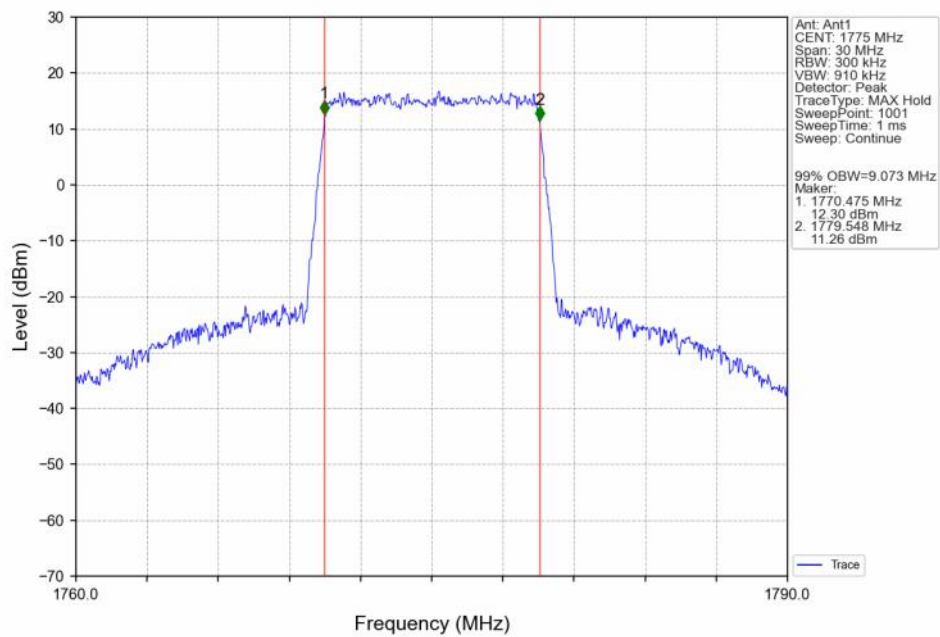
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



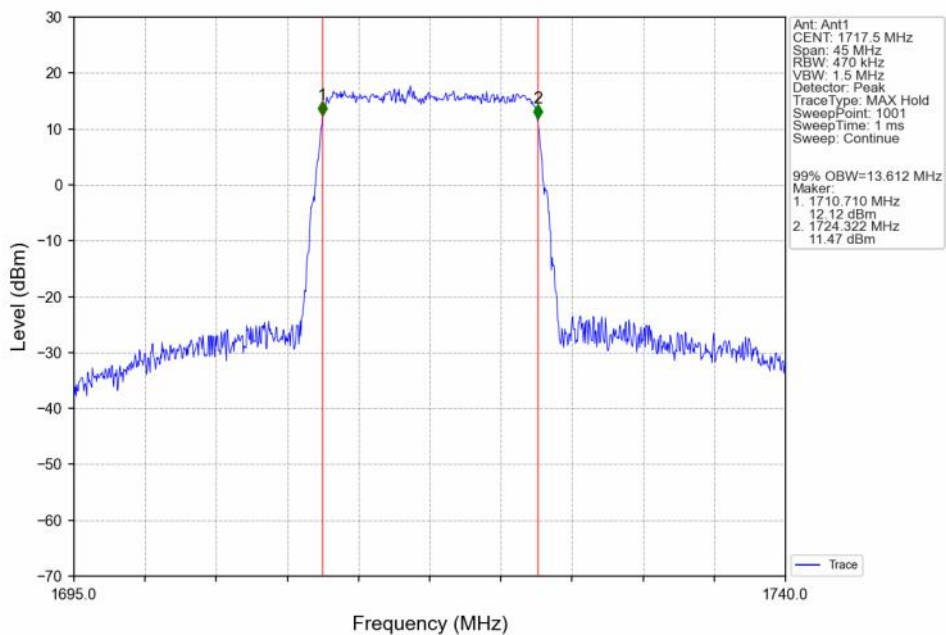
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



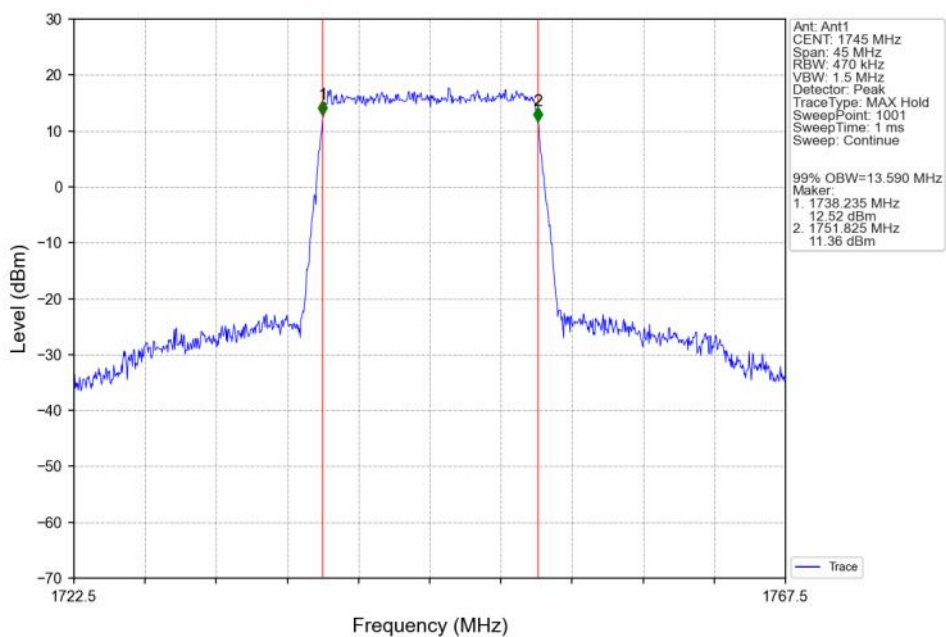
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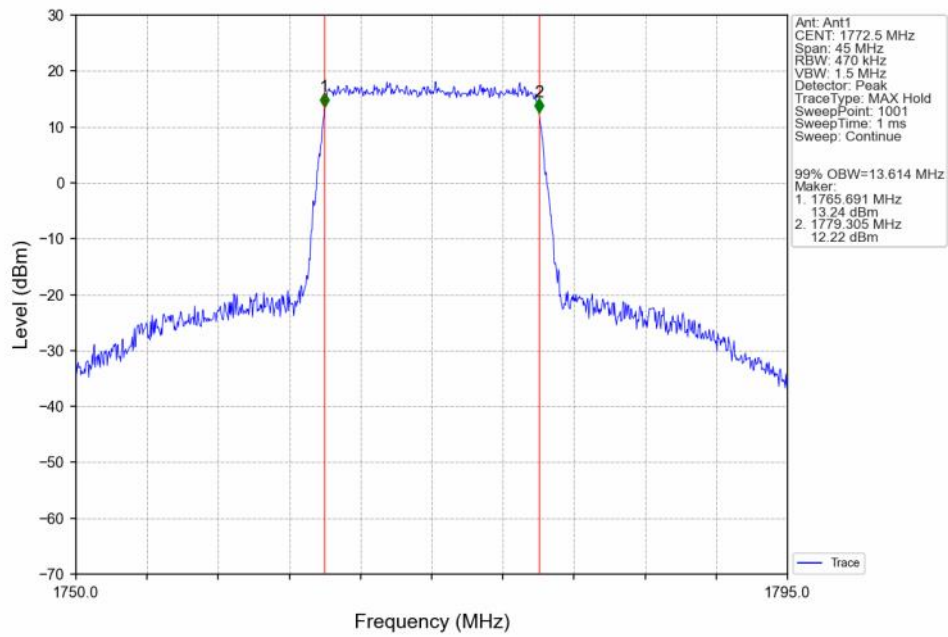
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



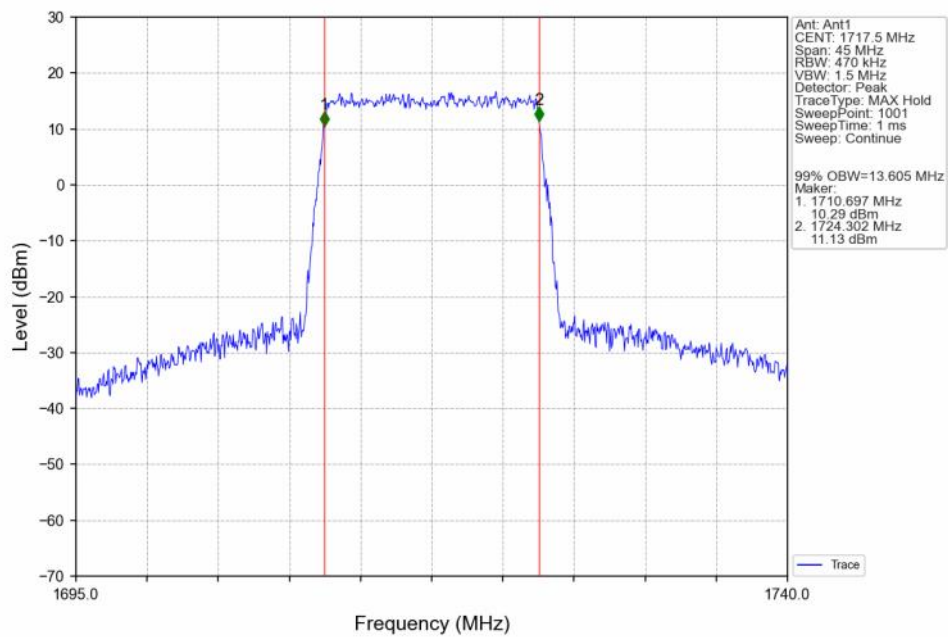
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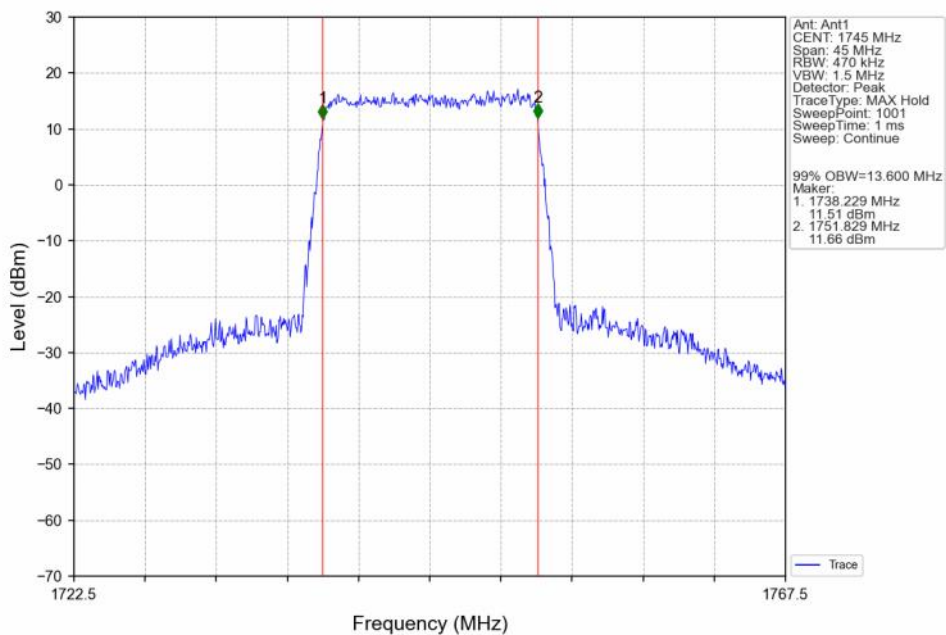
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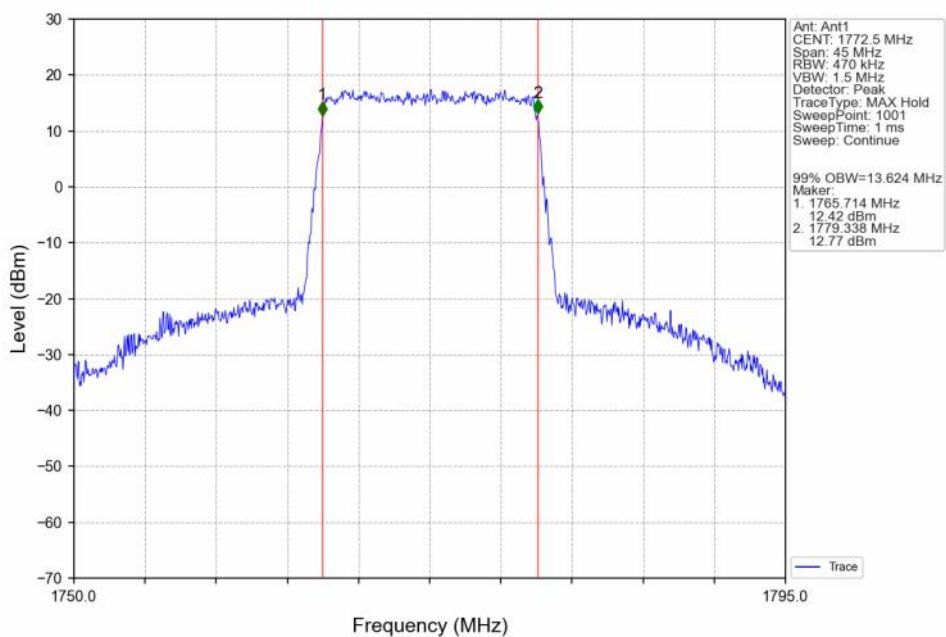
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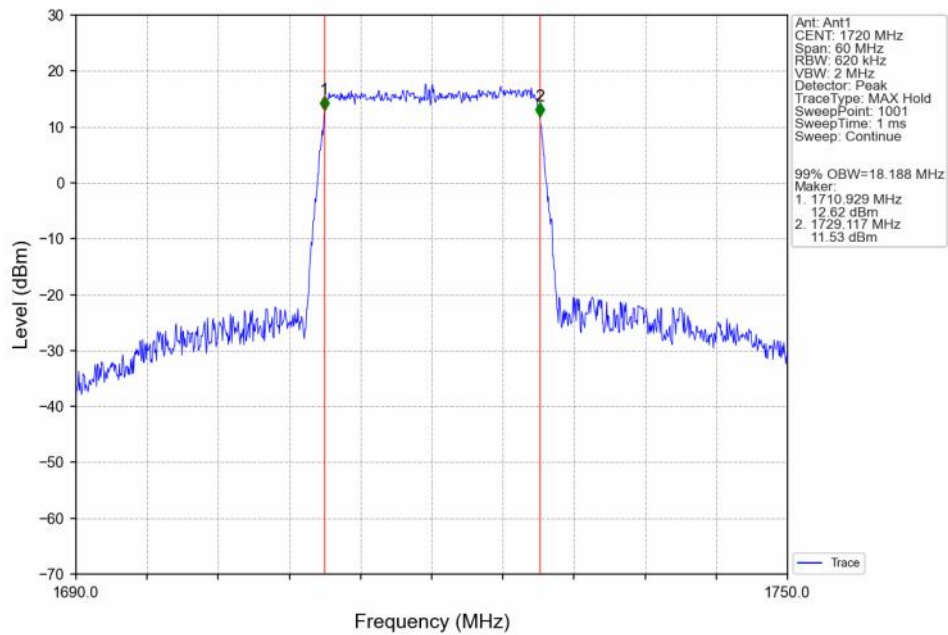
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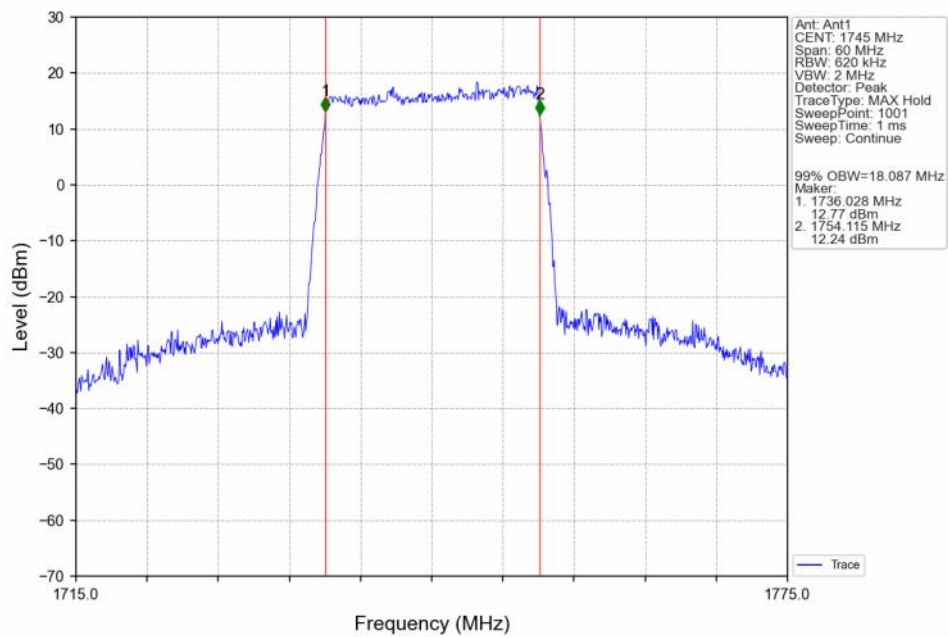
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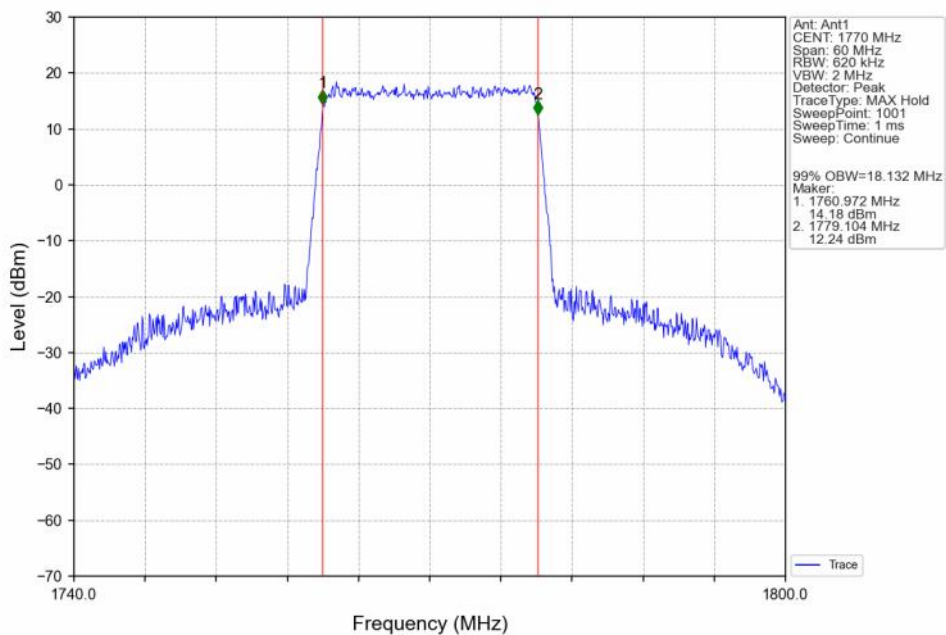
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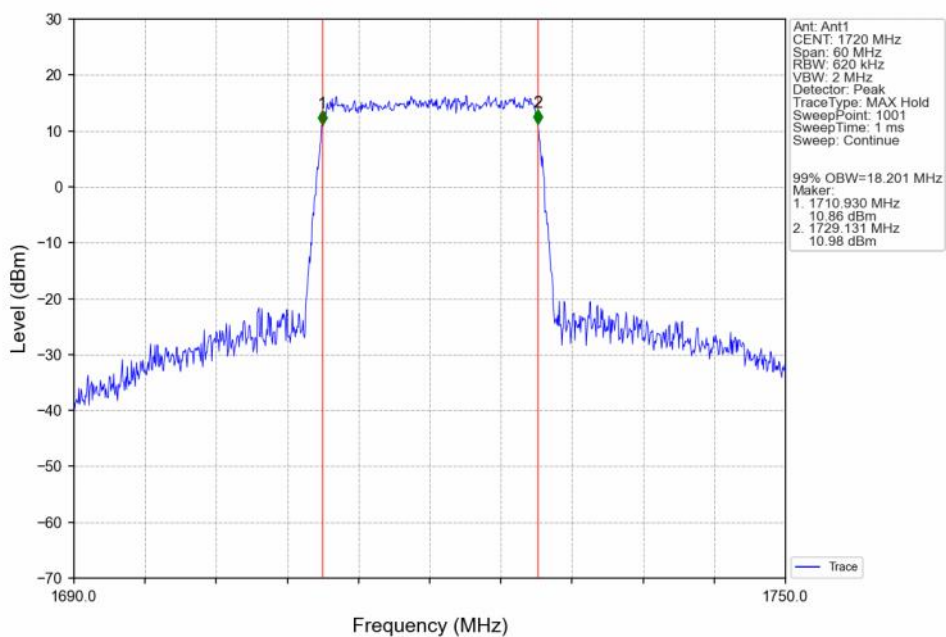
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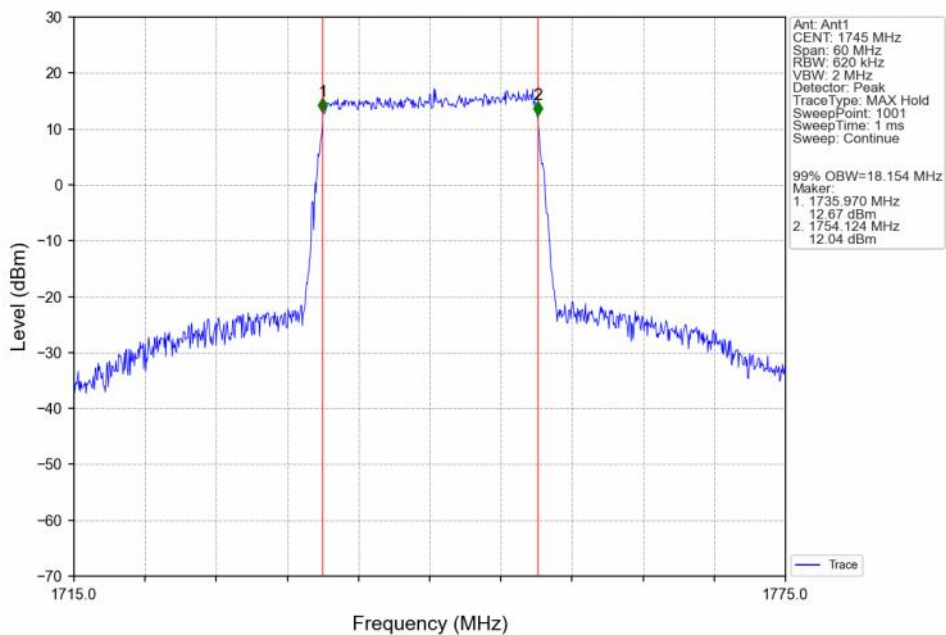
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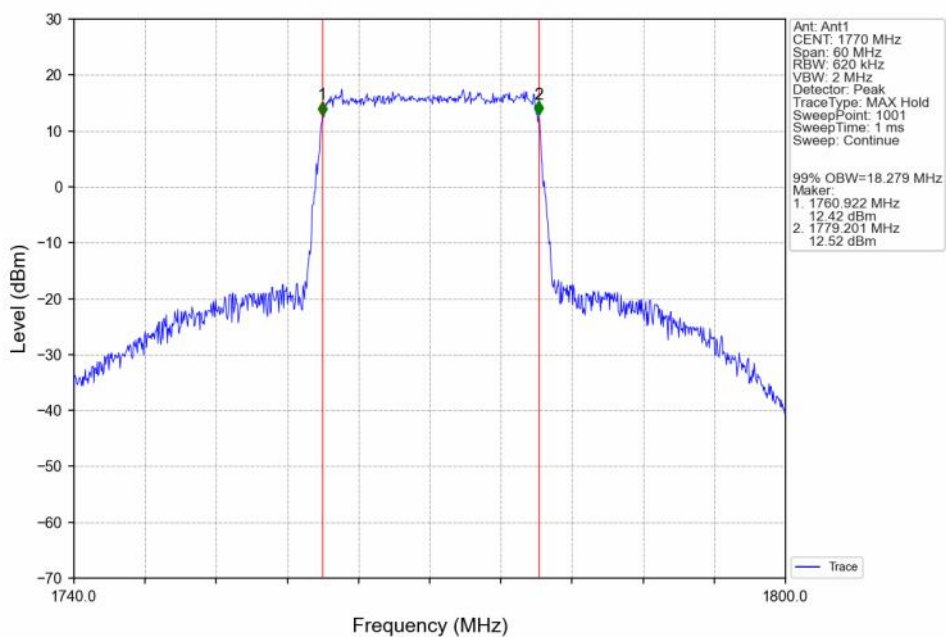
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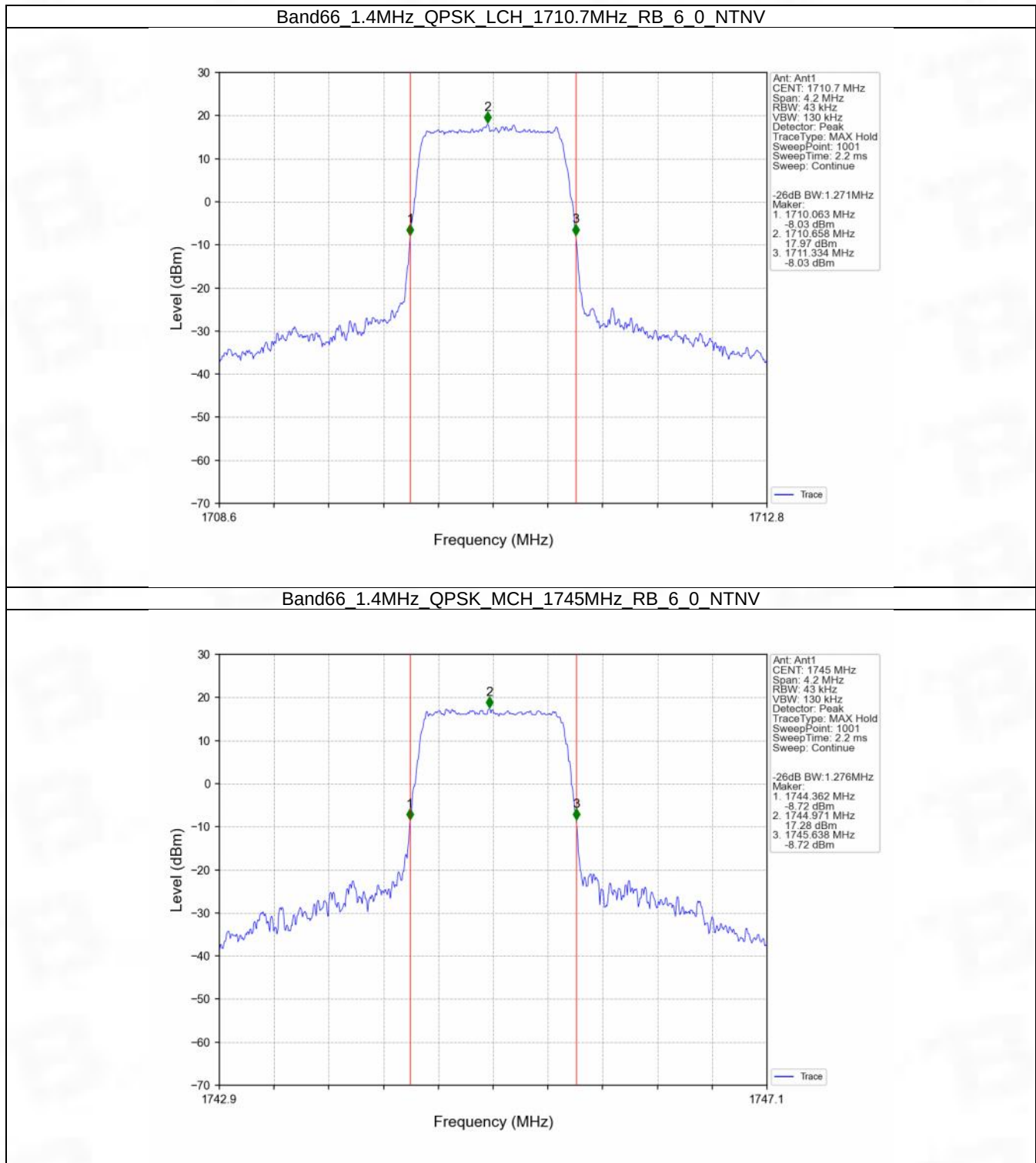
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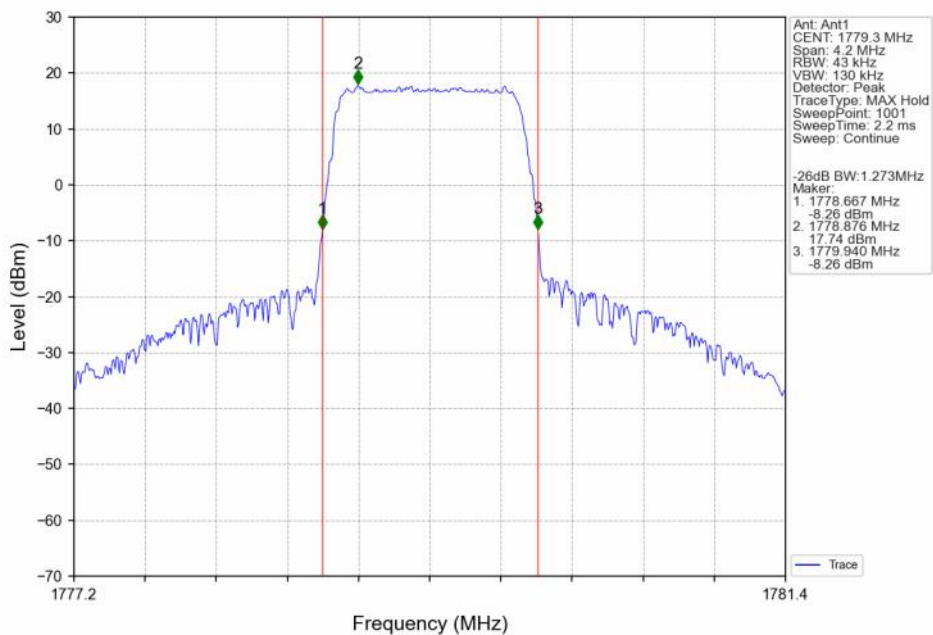
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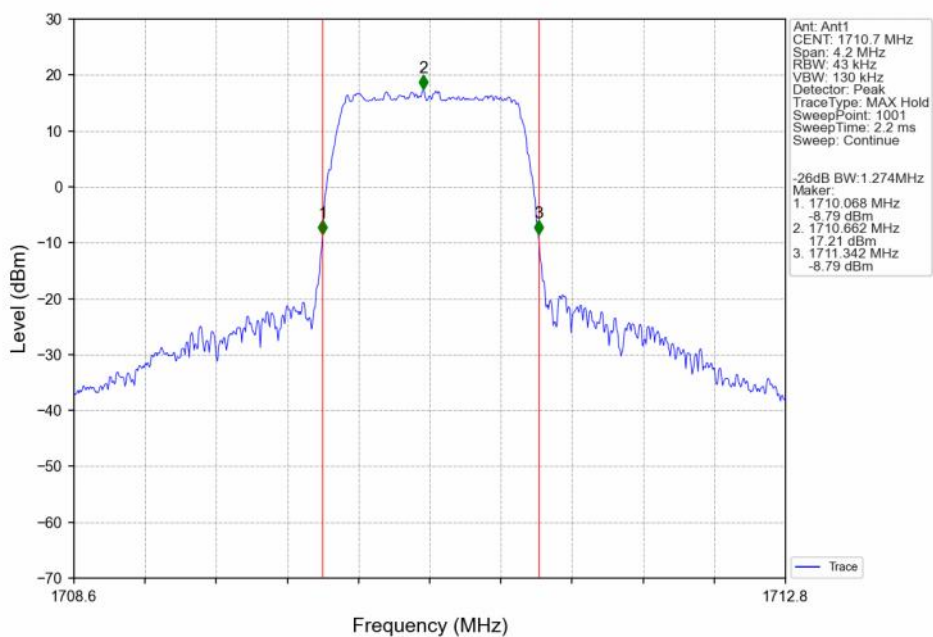
4.2.2 Band66_XDB



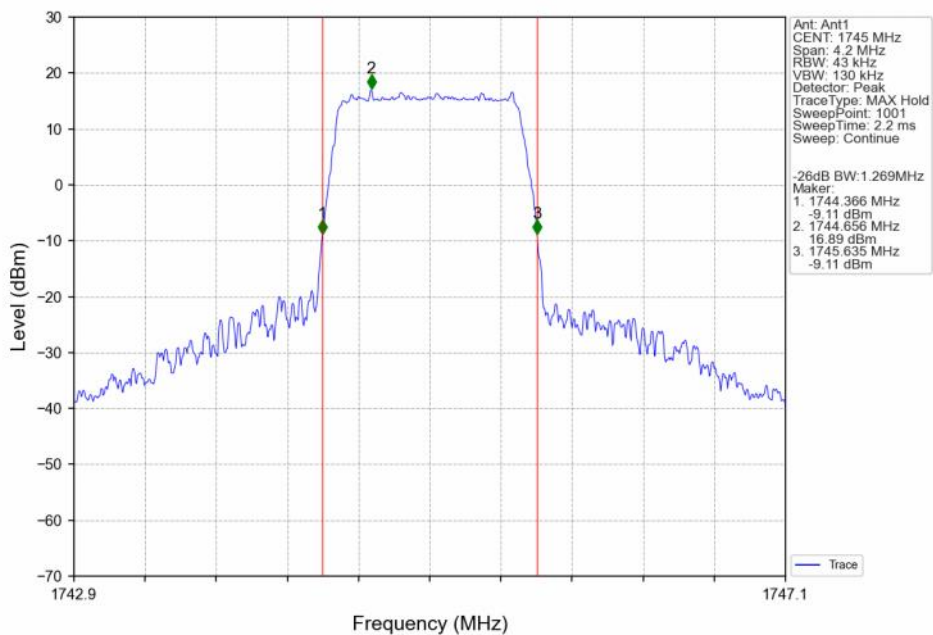
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



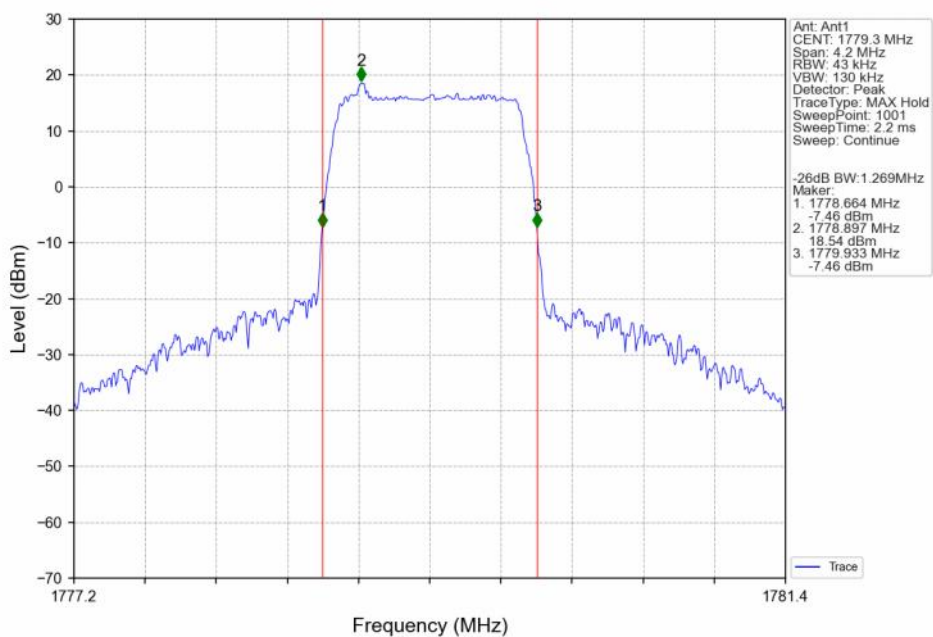
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



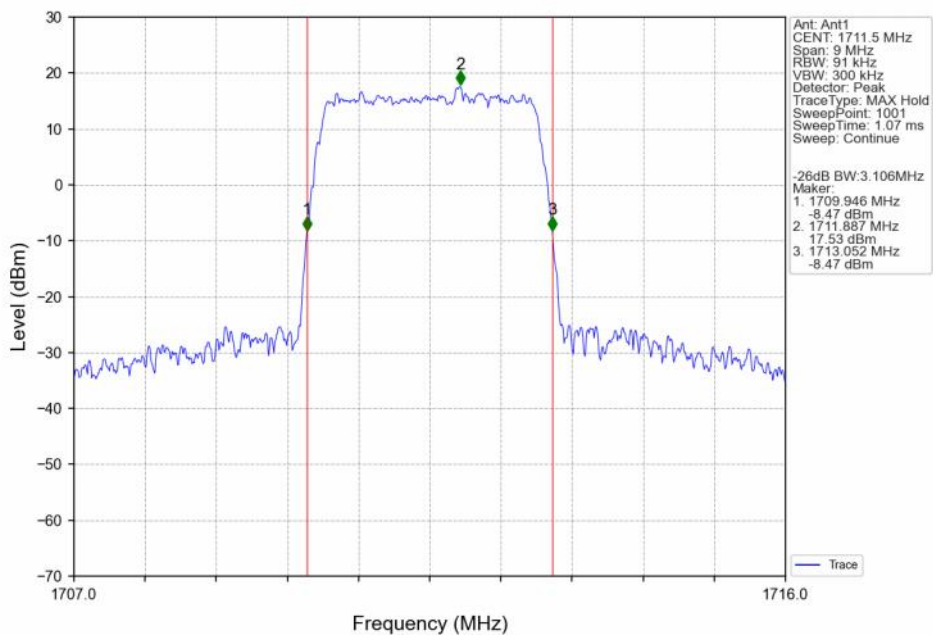
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



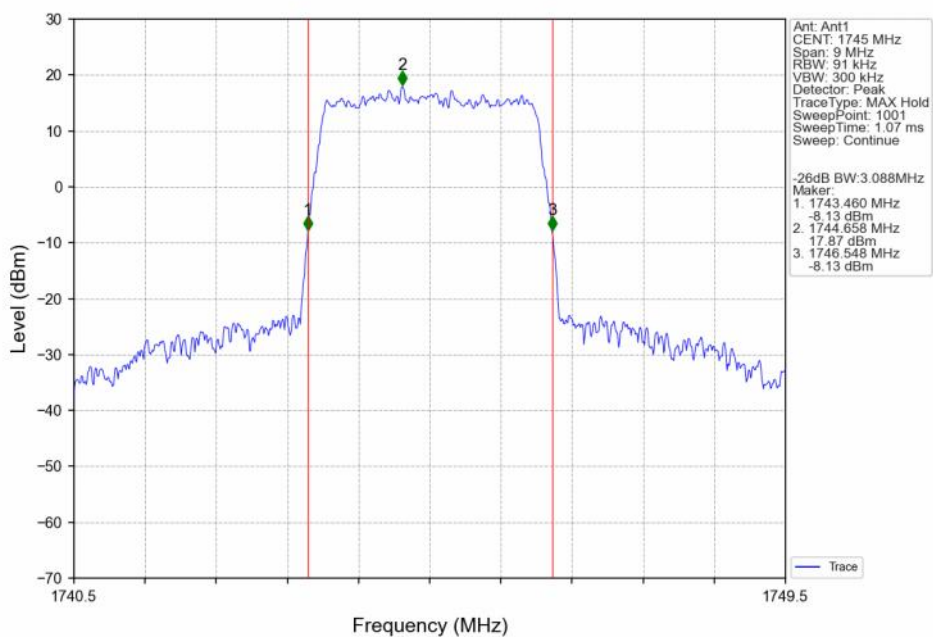
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



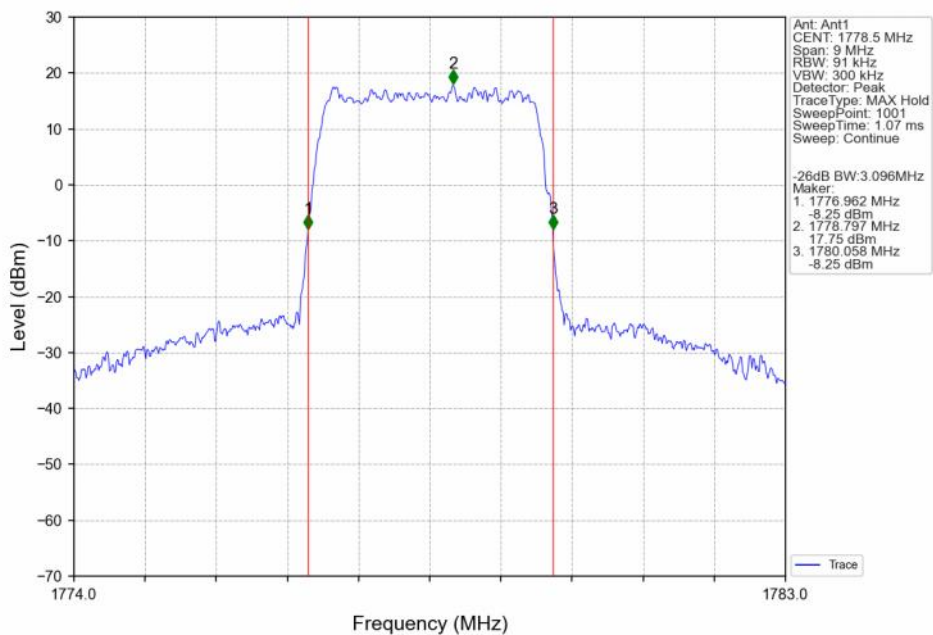
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



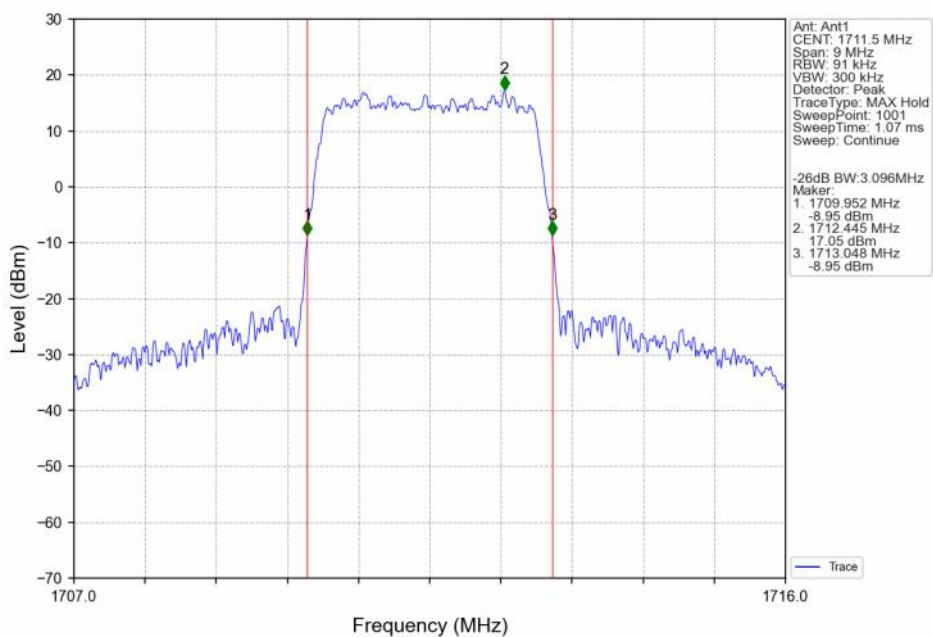
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



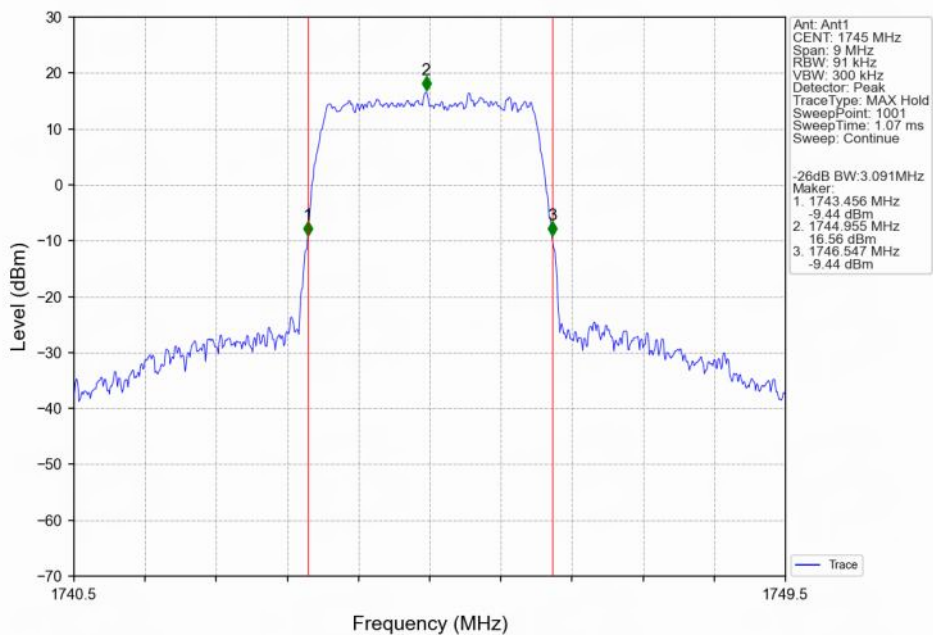
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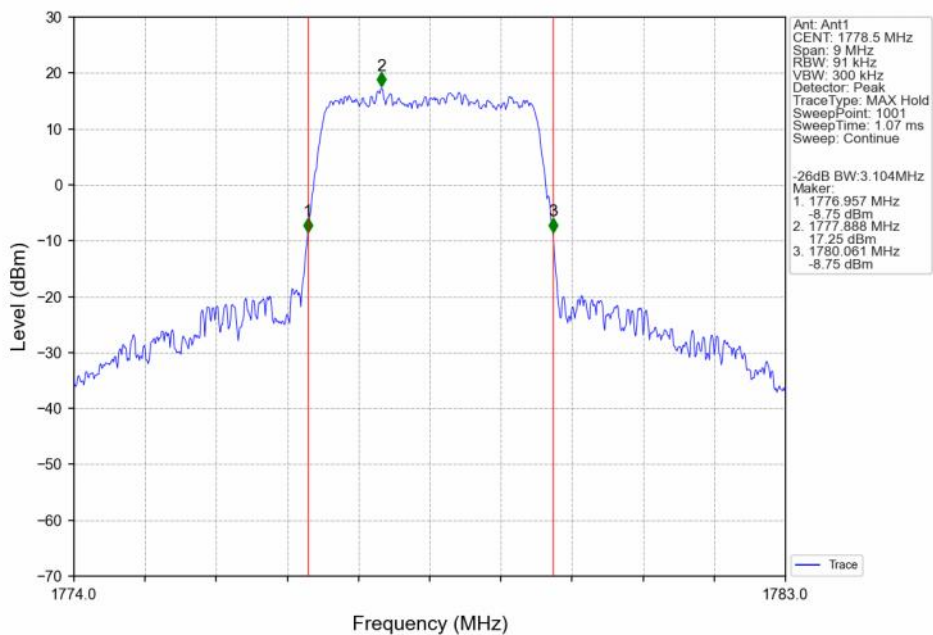
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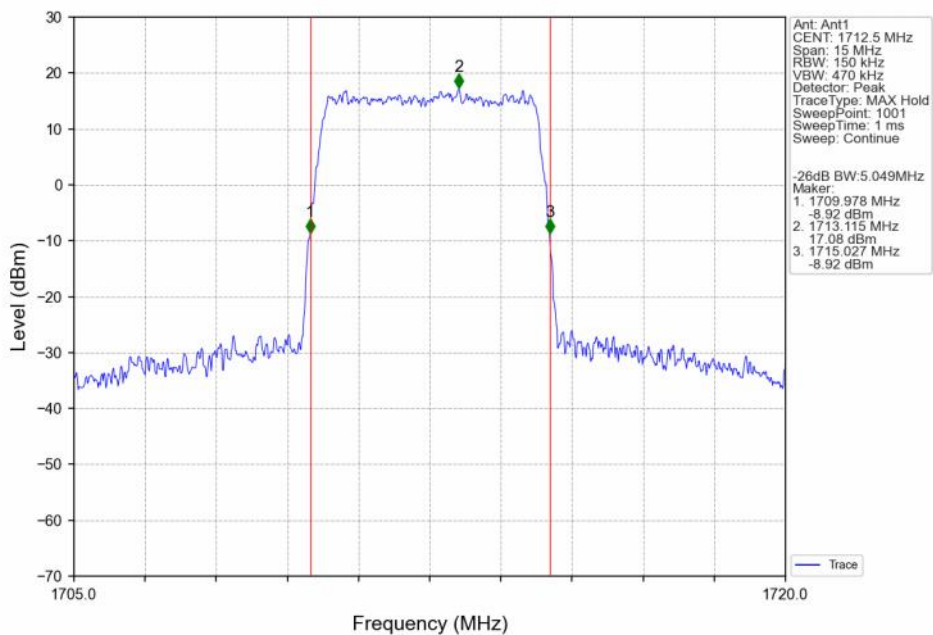
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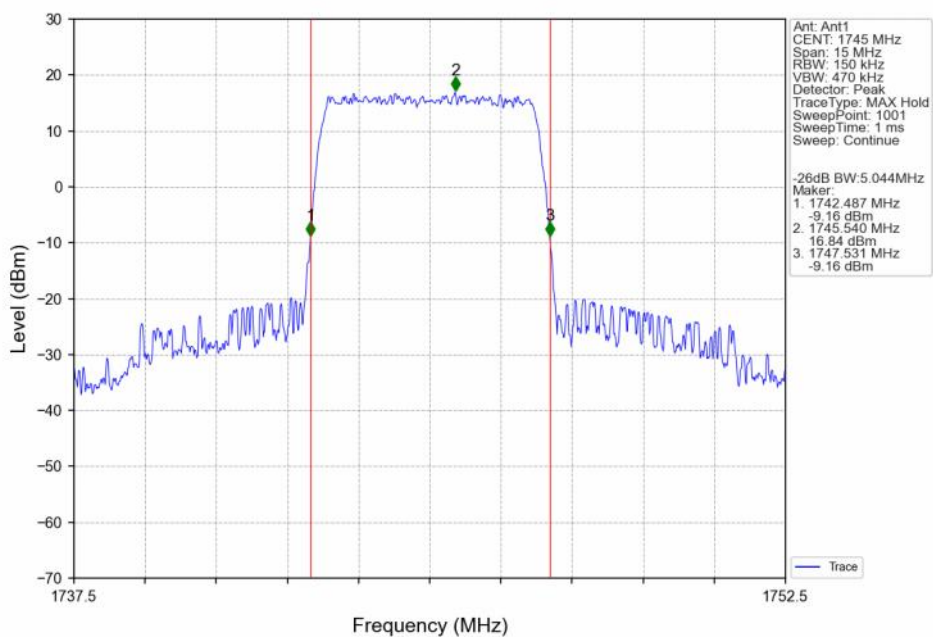
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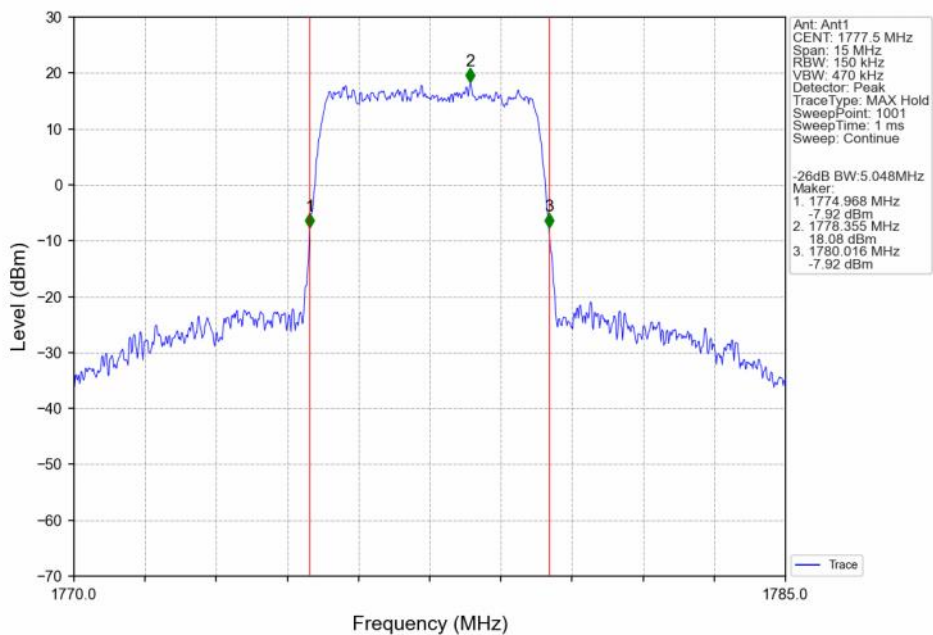
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



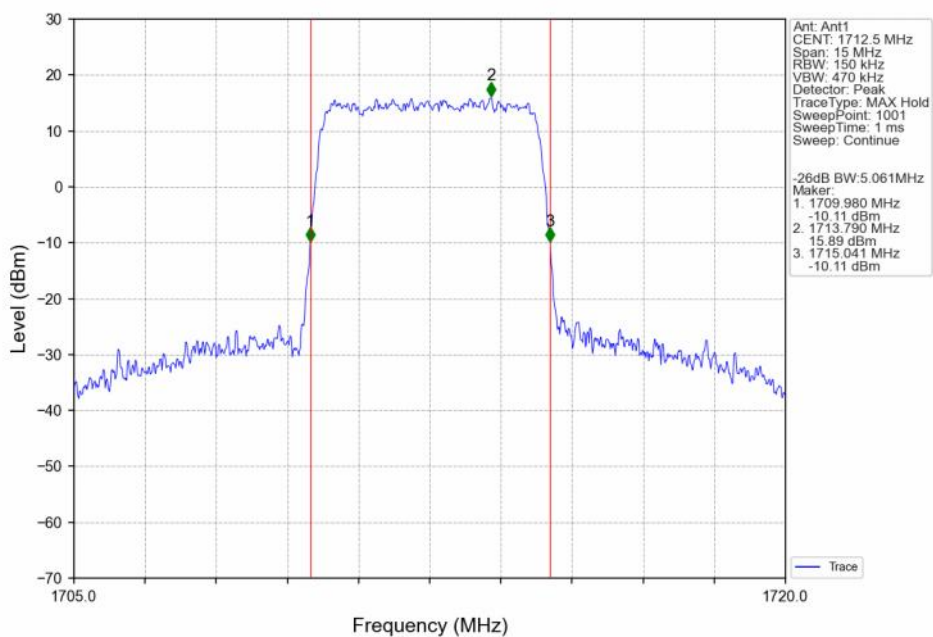
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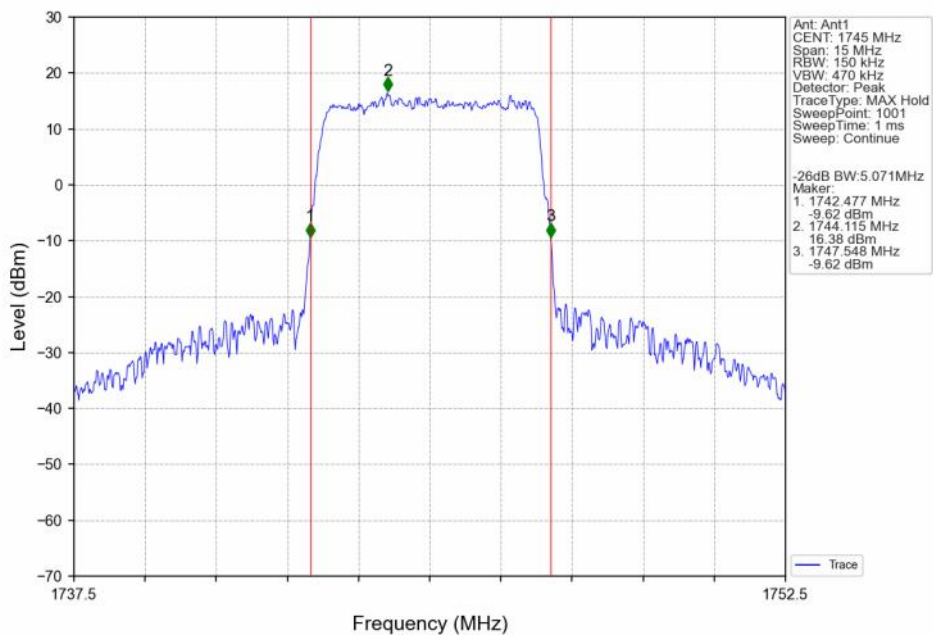
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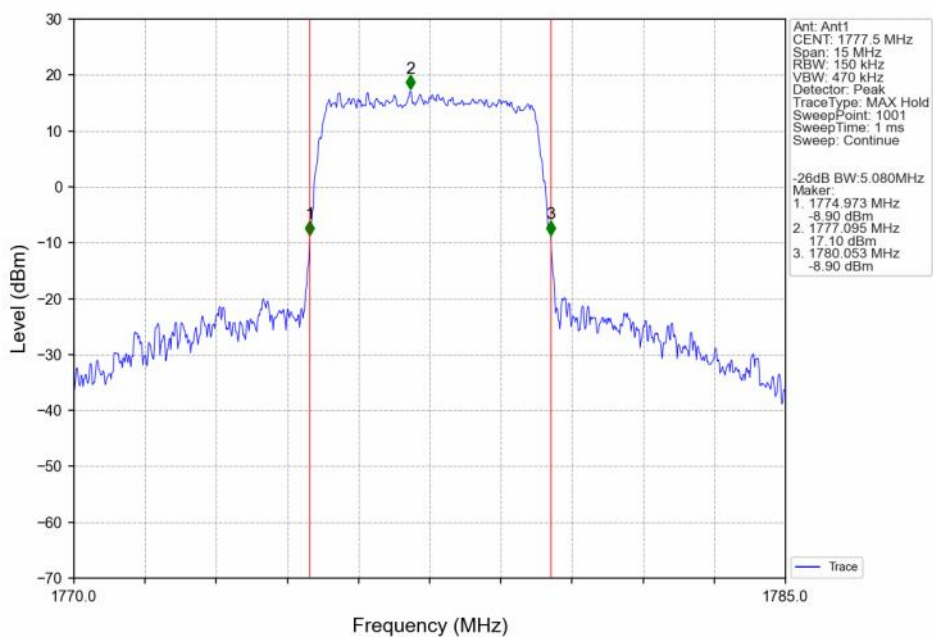
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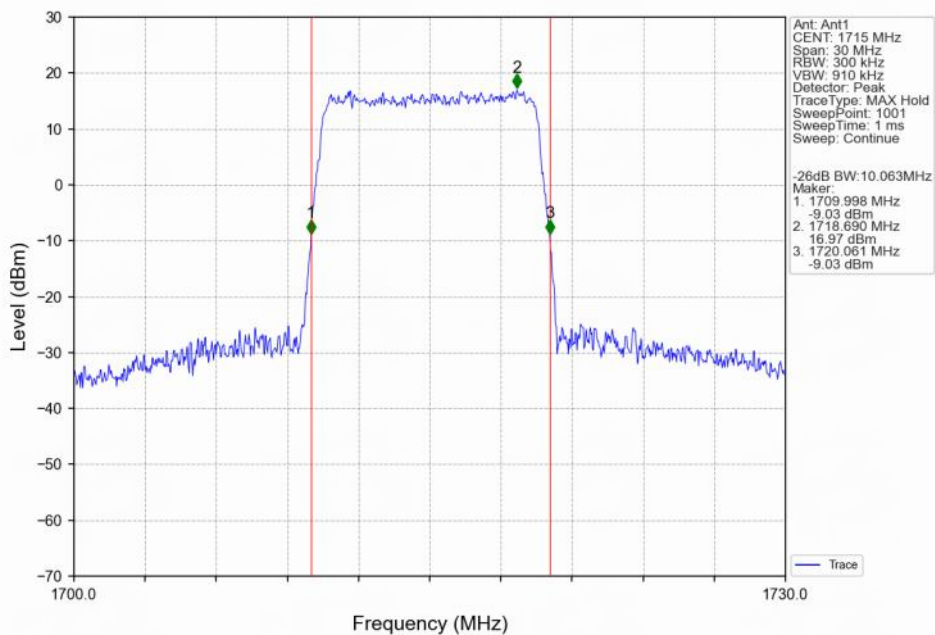
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



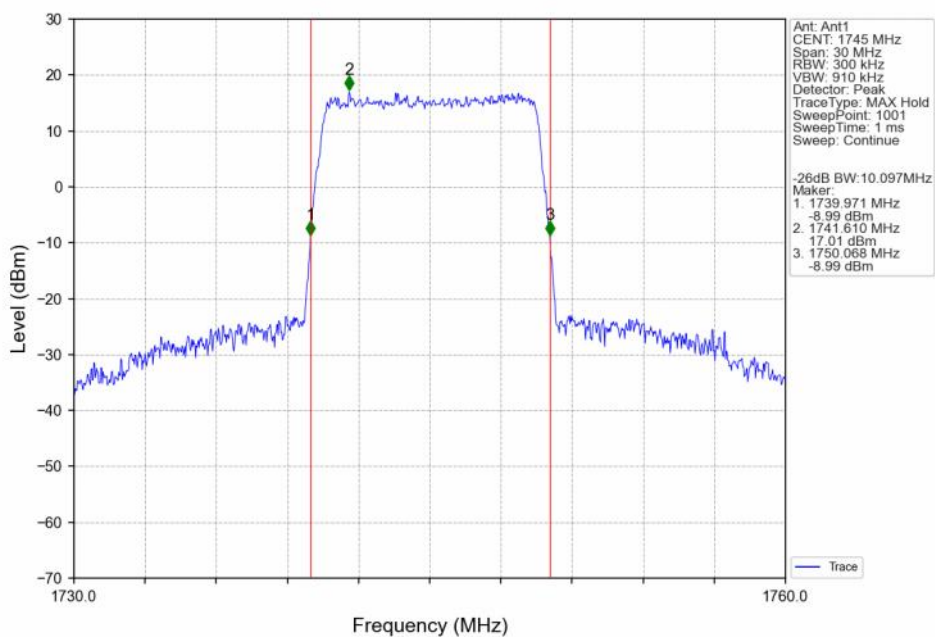
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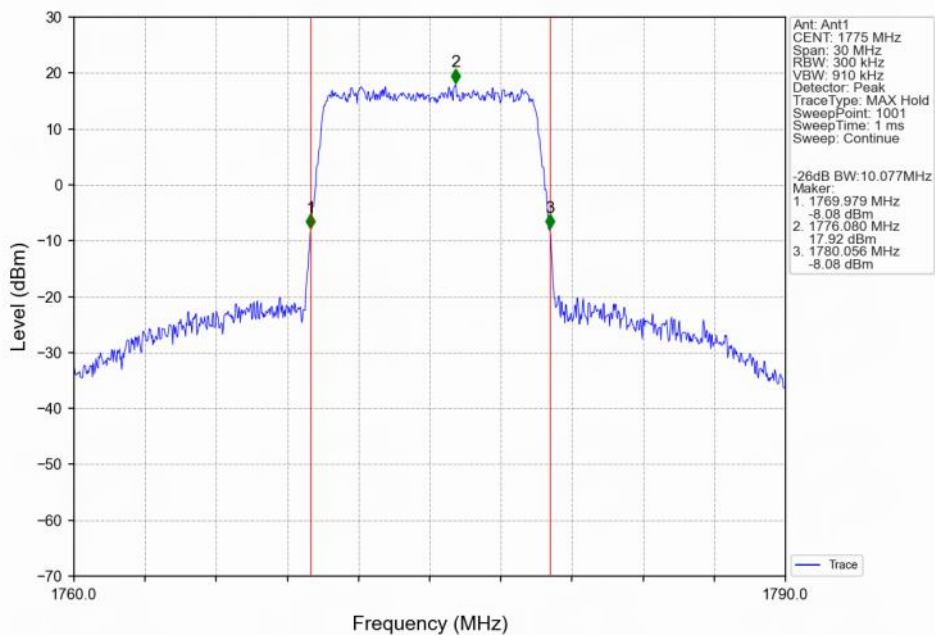
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



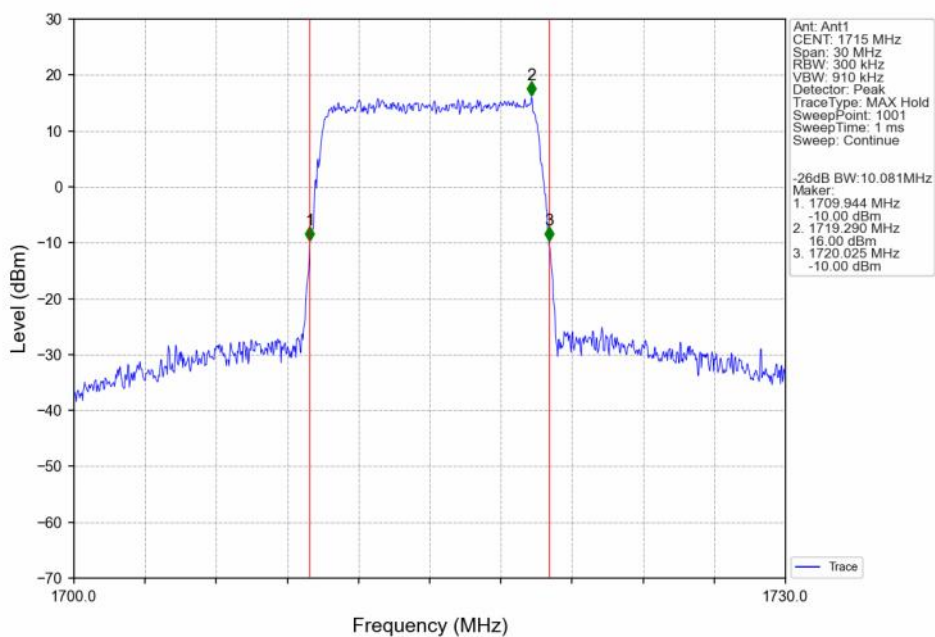
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



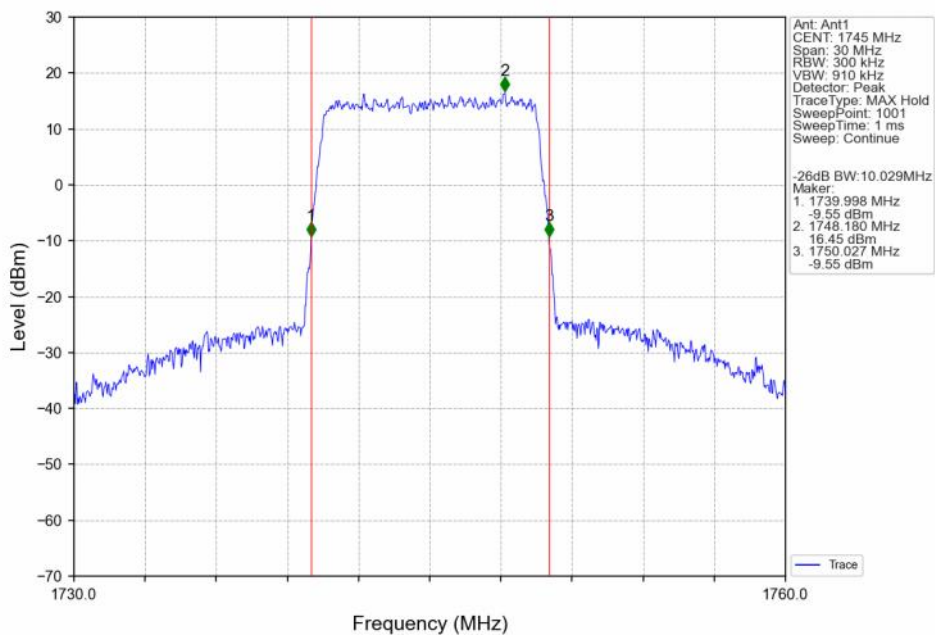
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



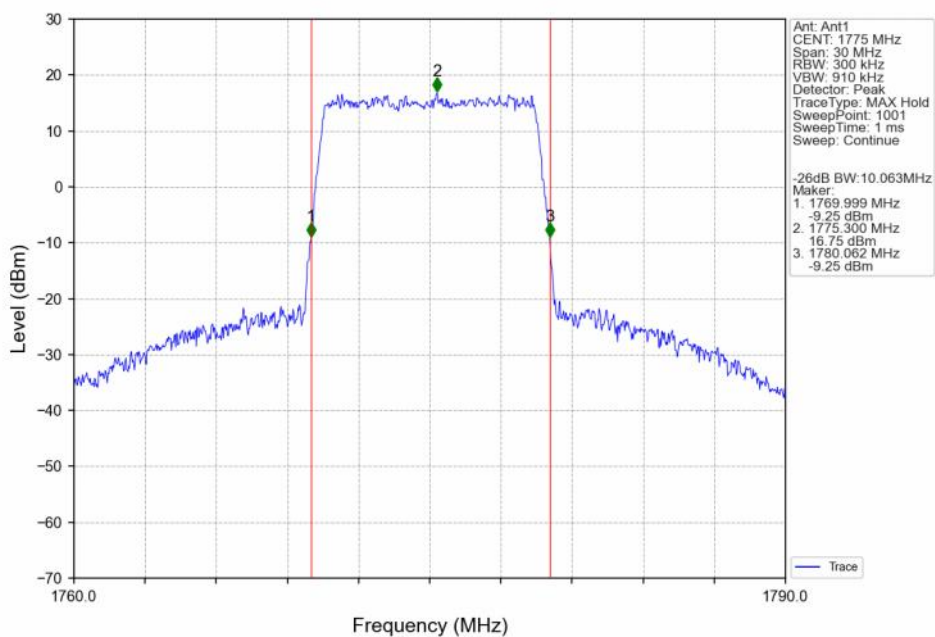
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



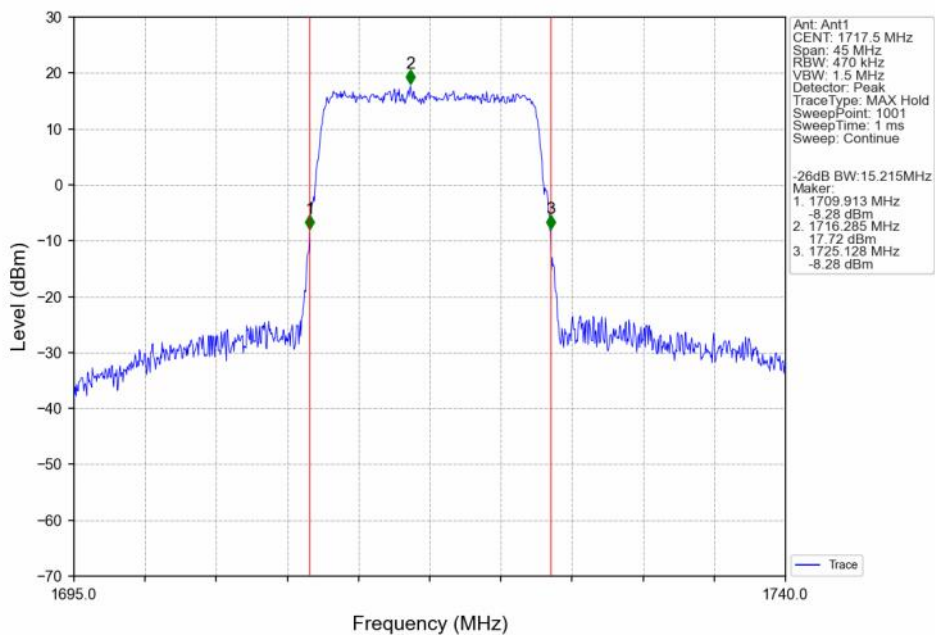
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



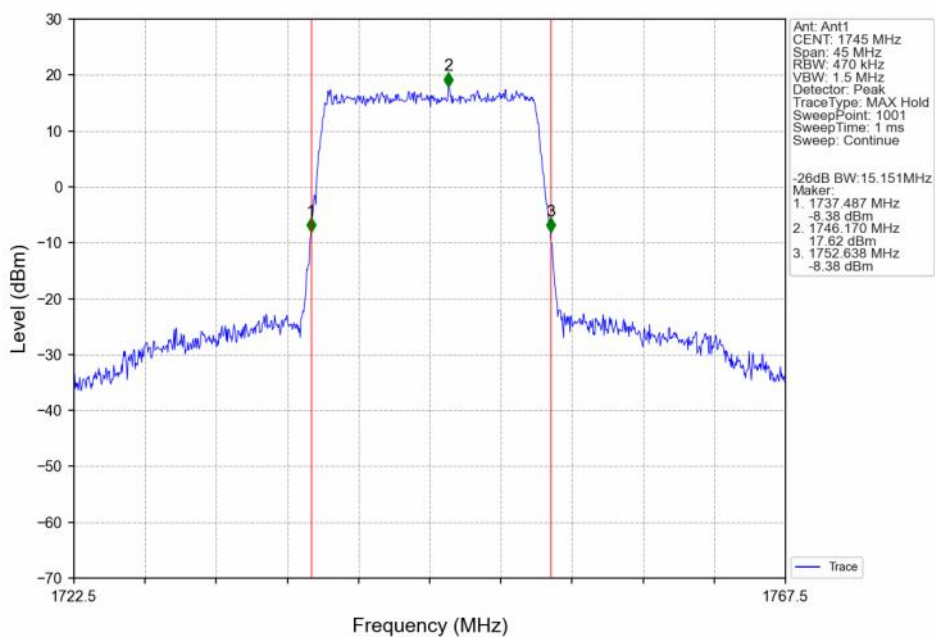
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



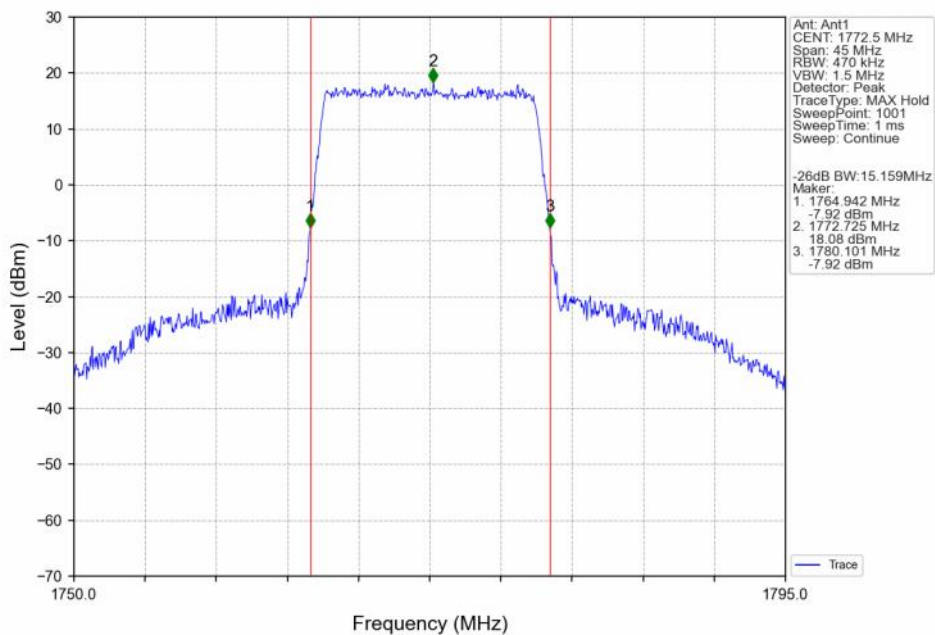
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



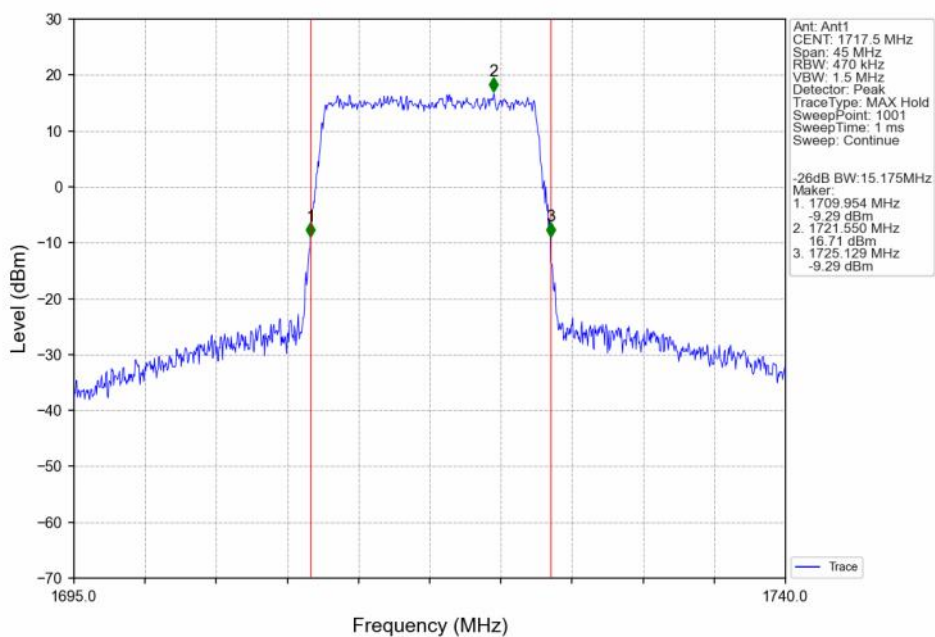
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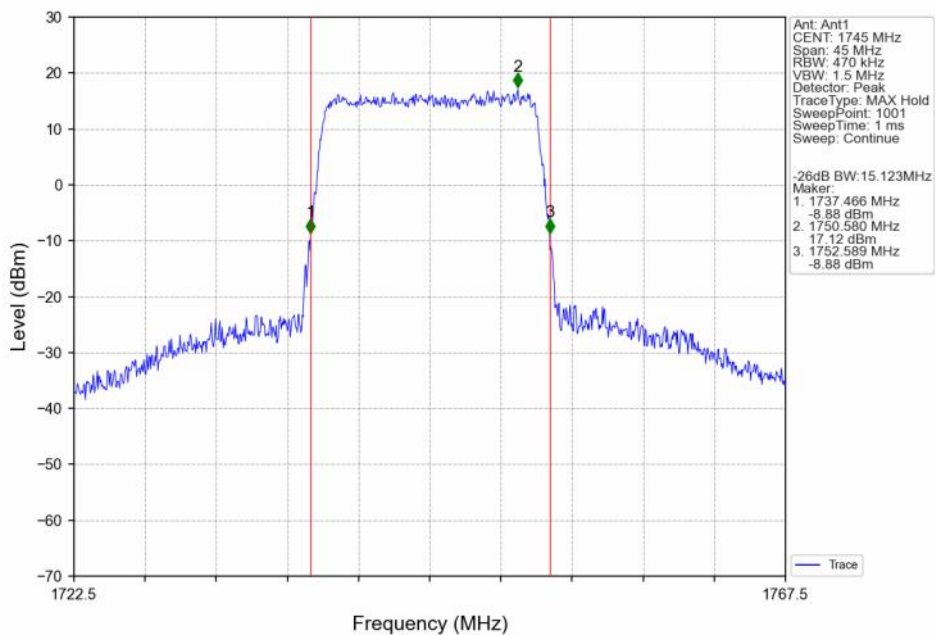
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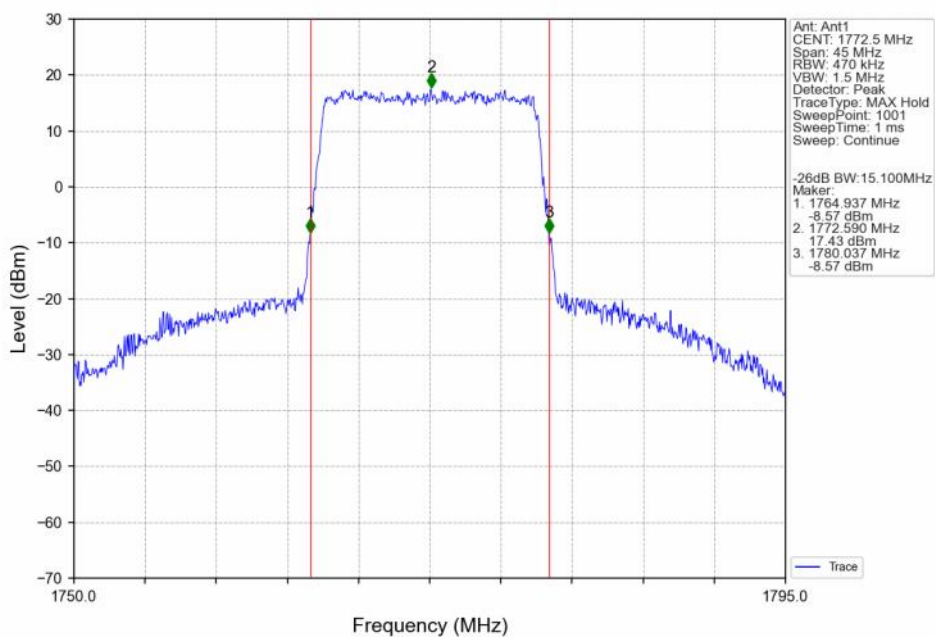
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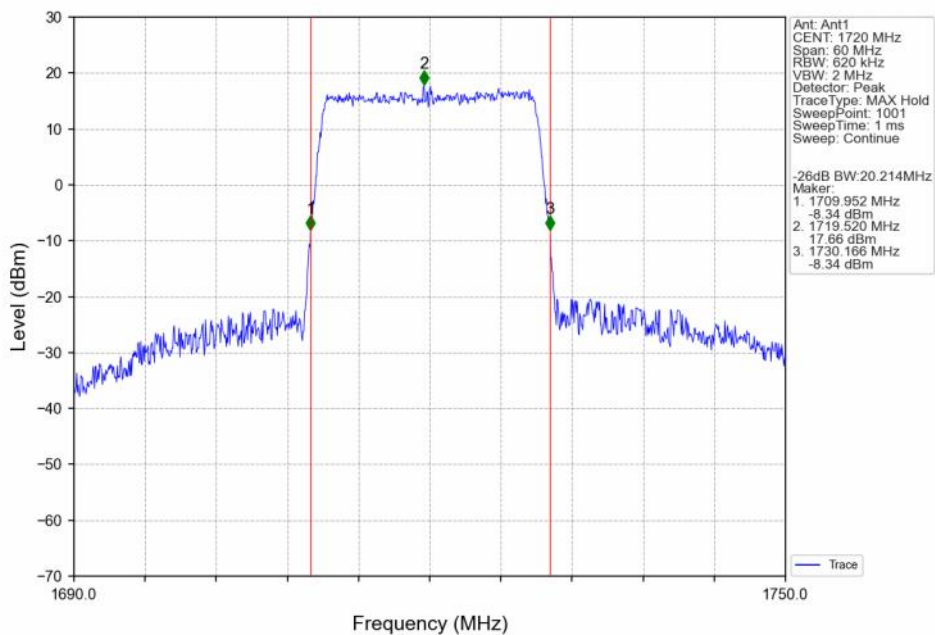
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



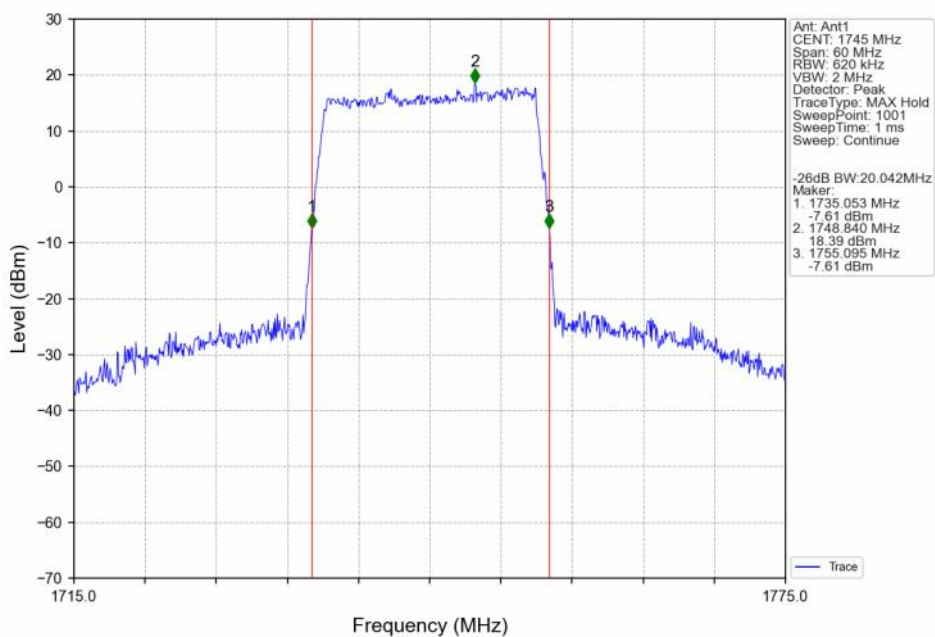
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



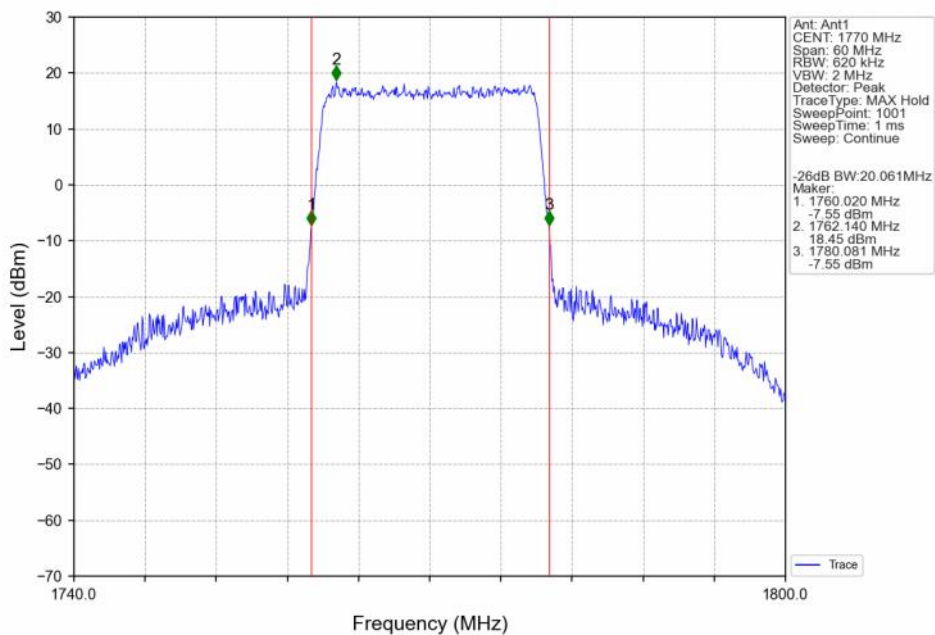
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



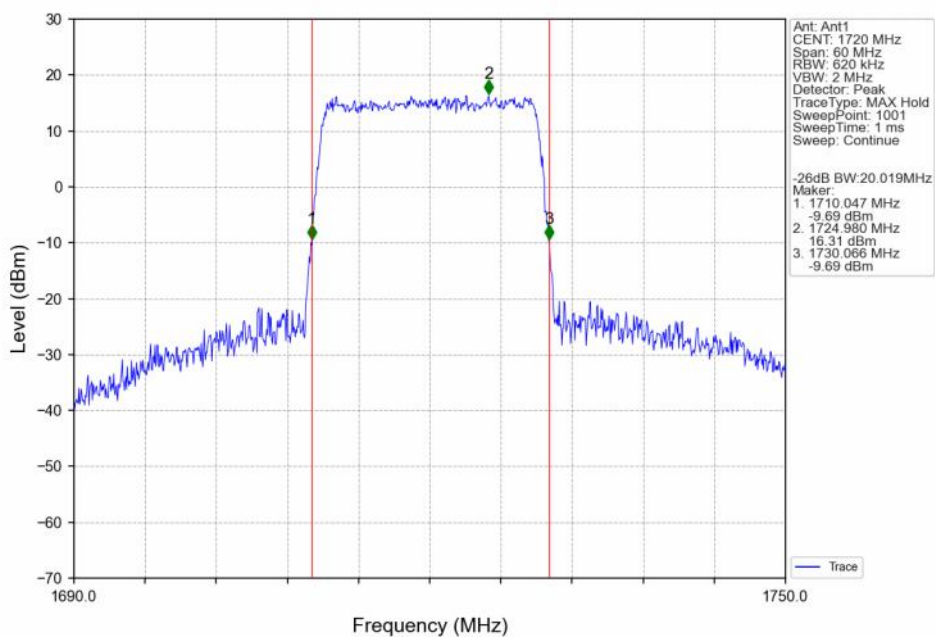
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



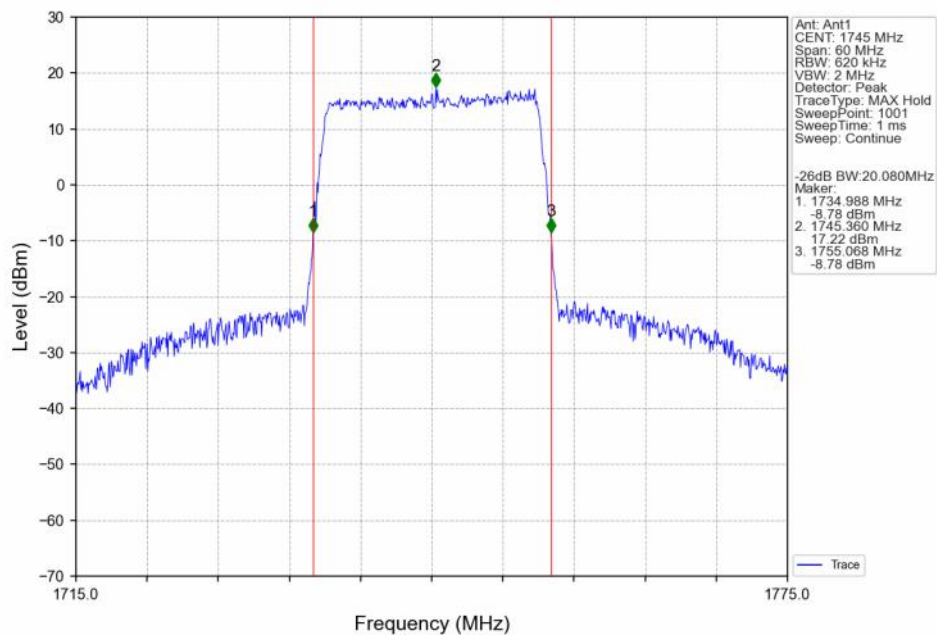
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



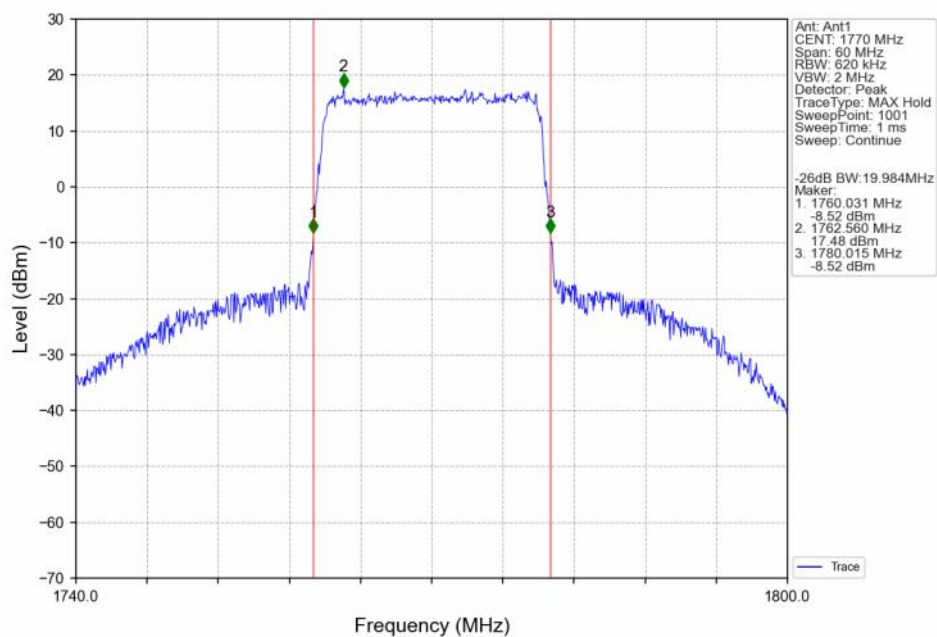
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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	5.47	<=13	Pass
	1745	6	0	5.33	<=13	Pass
	1779.3	6	0	5.28	<=13	Pass
16QAM	1710.7	6	0	6.11	<=13	Pass
	1745	6	0	6.15	<=13	Pass
	1779.3	6	0	7.69	<=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	5.52	<=13	Pass
	1745	15	0	5.36	<=13	Pass
	1778.5	15	0	5.34	<=13	Pass
16QAM	1711.5	15	0	6.21	<=13	Pass
	1745	15	0	6.17	<=13	Pass
	1778.5	15	0	6.13	<=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	5.60	<=13	Pass
	1745	25	0	5.52	<=13	Pass
	1777.5	25	0	5.40	<=13	Pass
16QAM	1712.5	25	0	6.30	<=13	Pass
	1745	25	0	6.15	<=13	Pass
	1777.5	25	0	6.12	<=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	5.63	<=13	Pass
	1745	50	0	5.54	<=13	Pass
	1775	50	0	5.43	<=13	Pass
16QAM	1715	50	0	6.36	<=13	Pass
	1745	50	0	6.27	<=13	Pass

	1775	50	0	6.14	<=13	Pass
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5.1.5 B66_15MHz

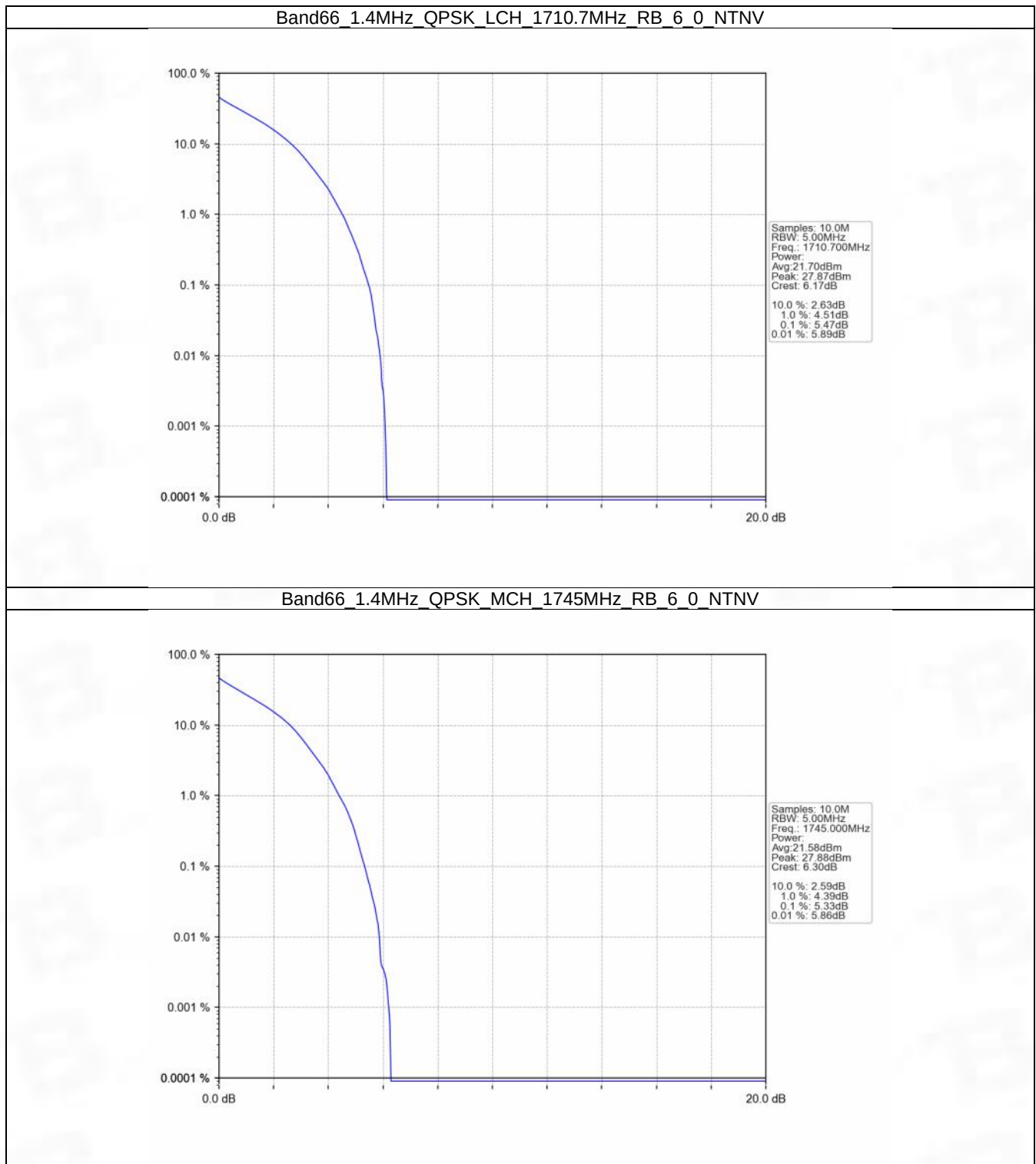
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.82	<=13	Pass
	1745	75	0	5.74	<=13	Pass
	1772.5	75	0	5.54	<=13	Pass
16QAM	1717.5	75	0	6.34	<=13	Pass
	1745	75	0	6.25	<=13	Pass
	1772.5	75	0	6.03	<=13	Pass

5.1.6 B66_20MHz

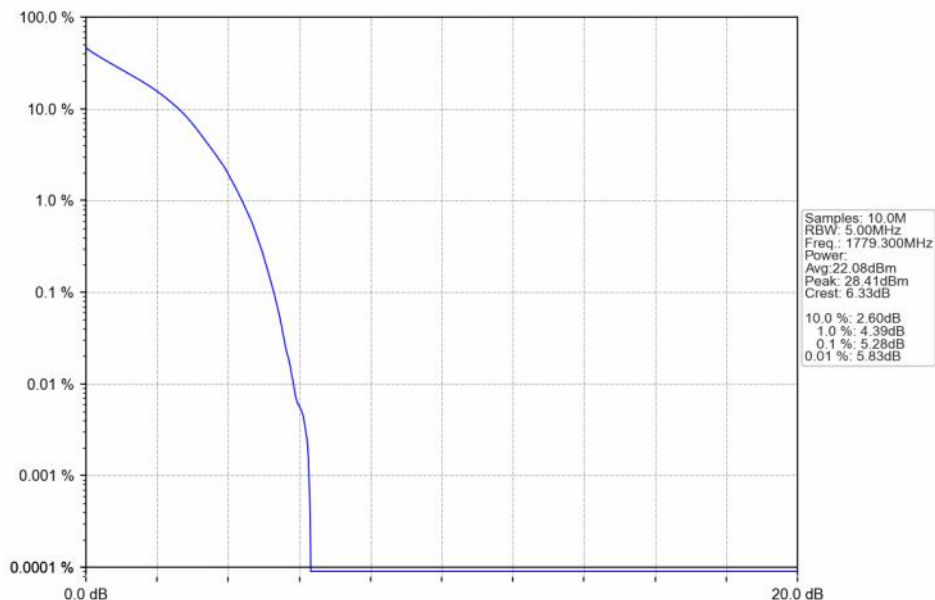
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.65	<=13	Pass
	1745	100	0	5.58	<=13	Pass
	1770	100	0	5.44	<=13	Pass
16QAM	1720	100	0	6.34	<=13	Pass
	1745	100	0	6.29	<=13	Pass
	1770	100	0	6.08	<=13	Pass

5.2 Test Graph

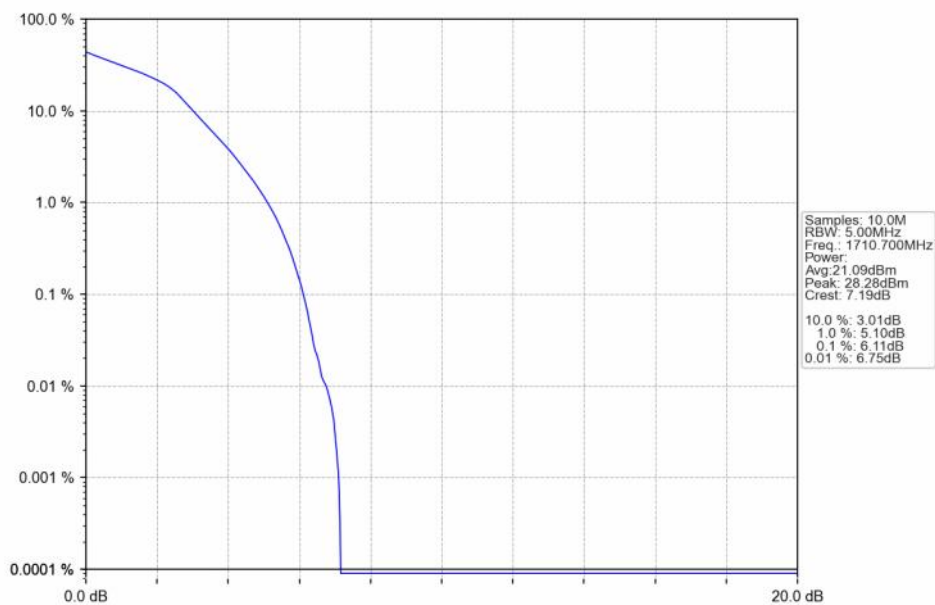
5.2.1 B66_1.4MHz



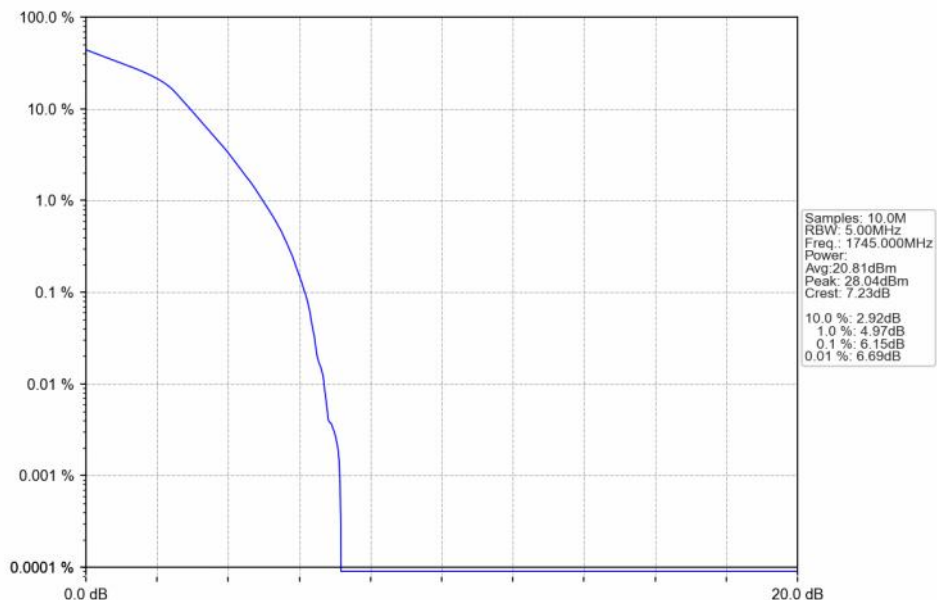
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6.0 NTNV



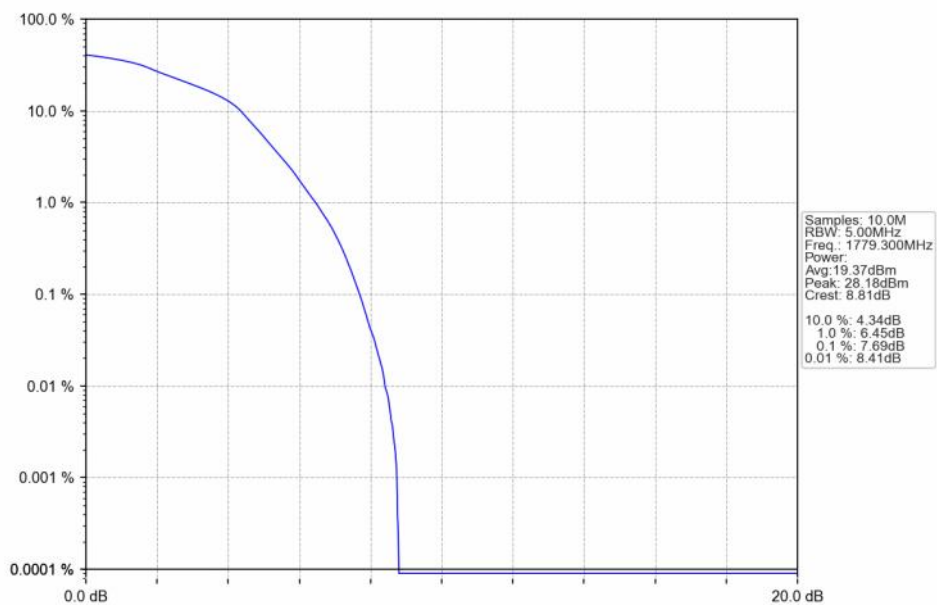
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6.0 NTNV



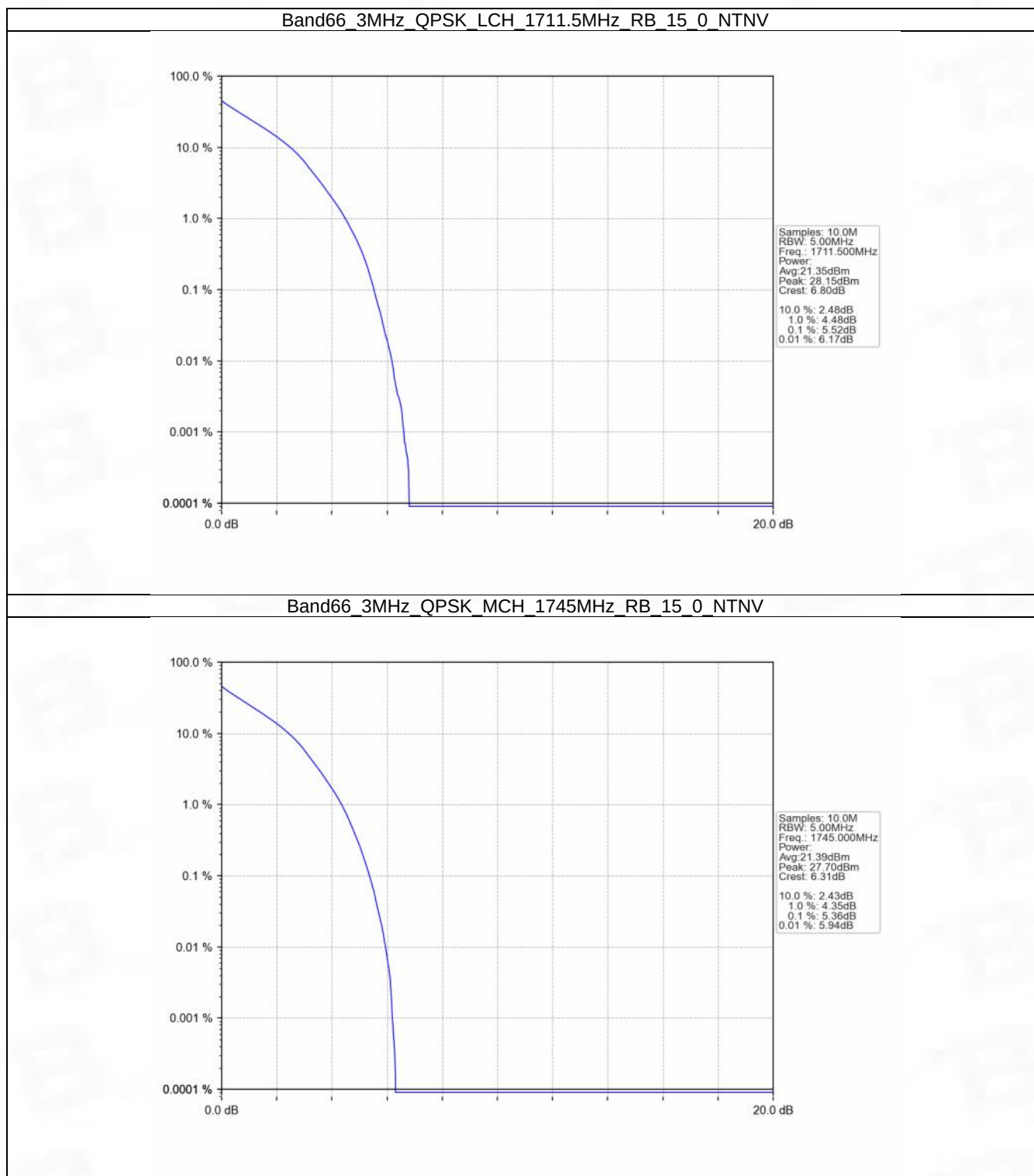
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



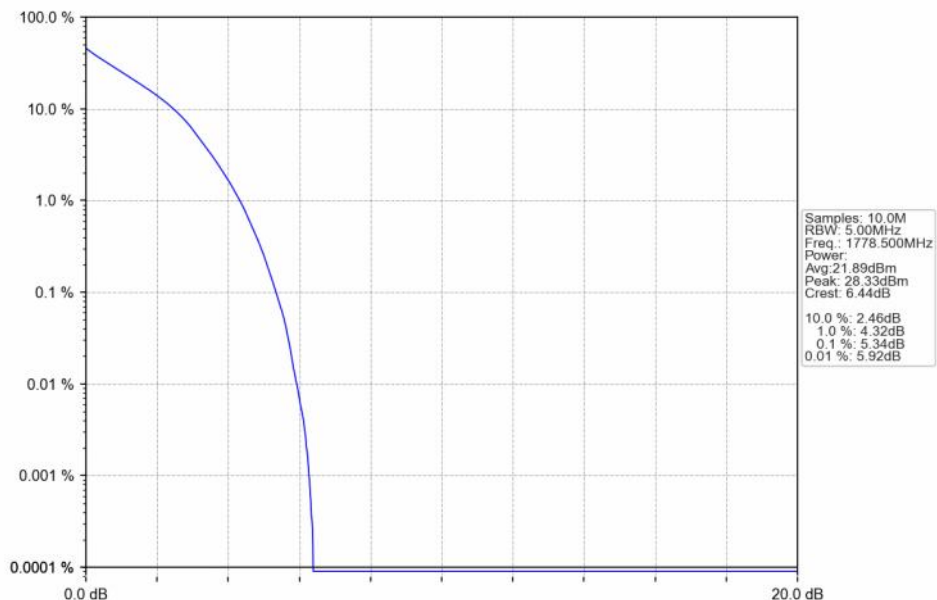
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



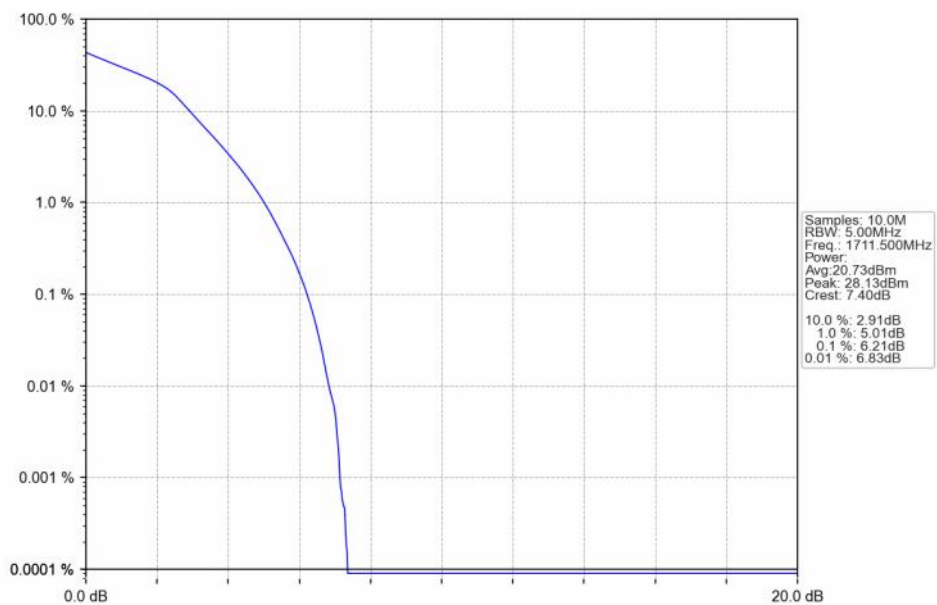
5.2.2 B66_3MHz



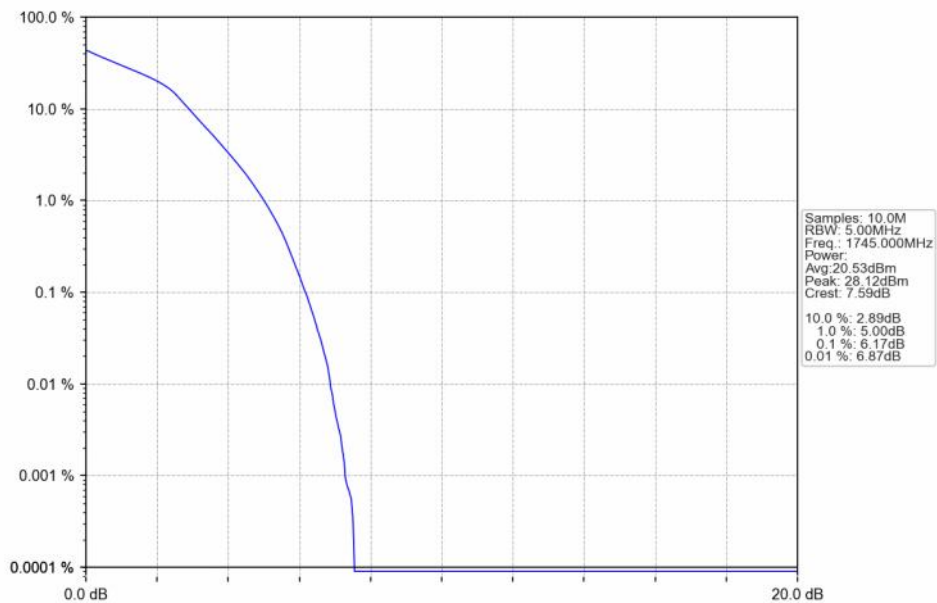
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



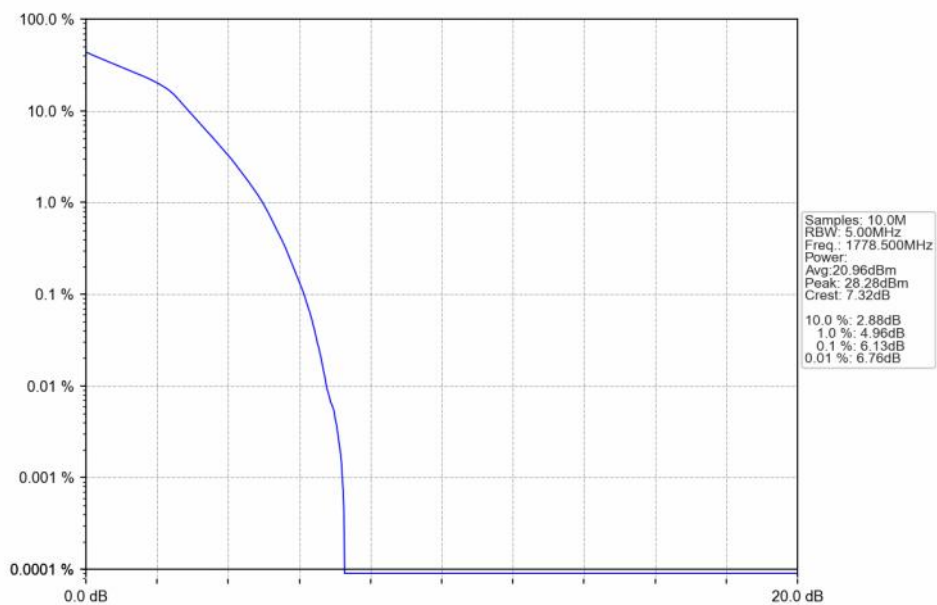
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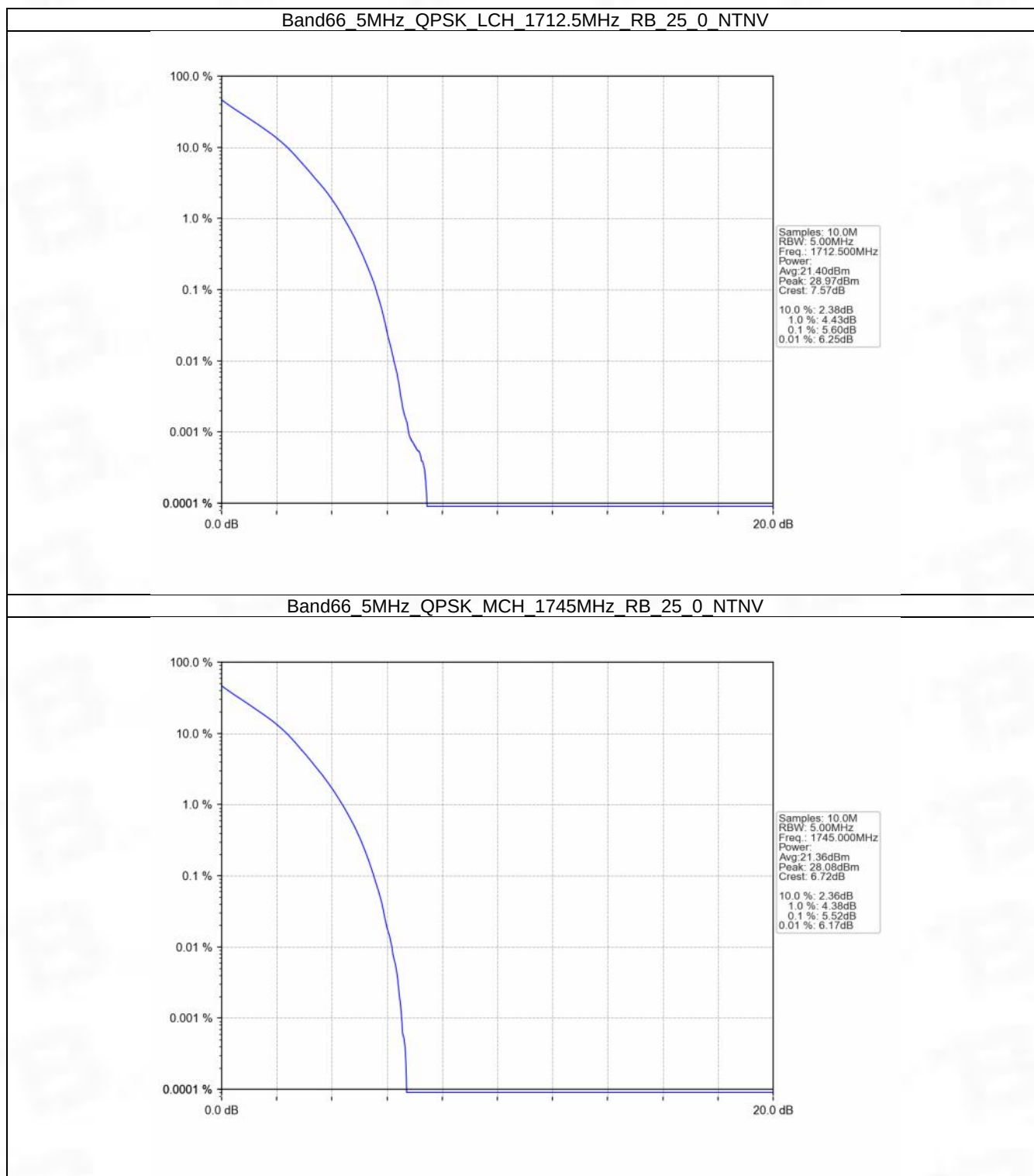
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



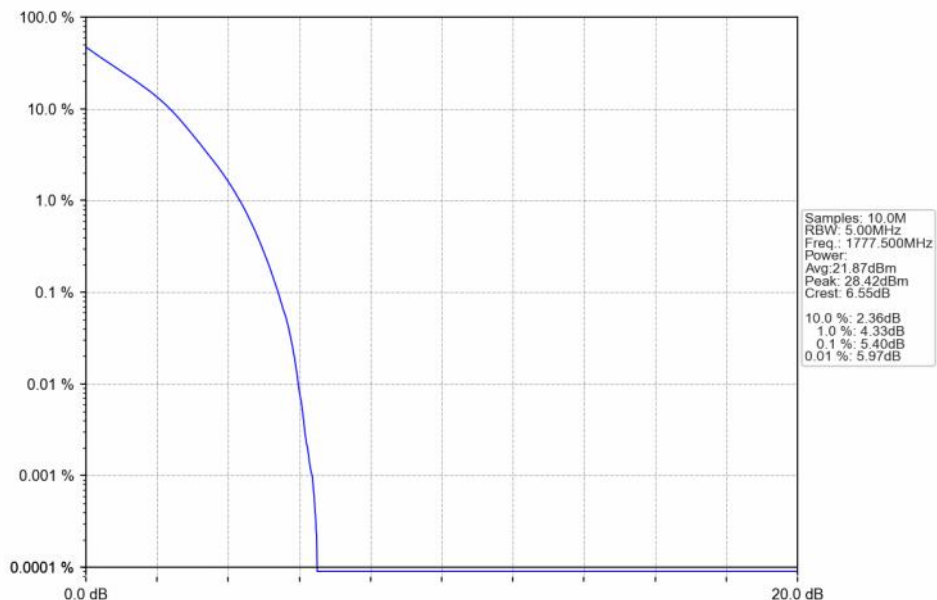
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



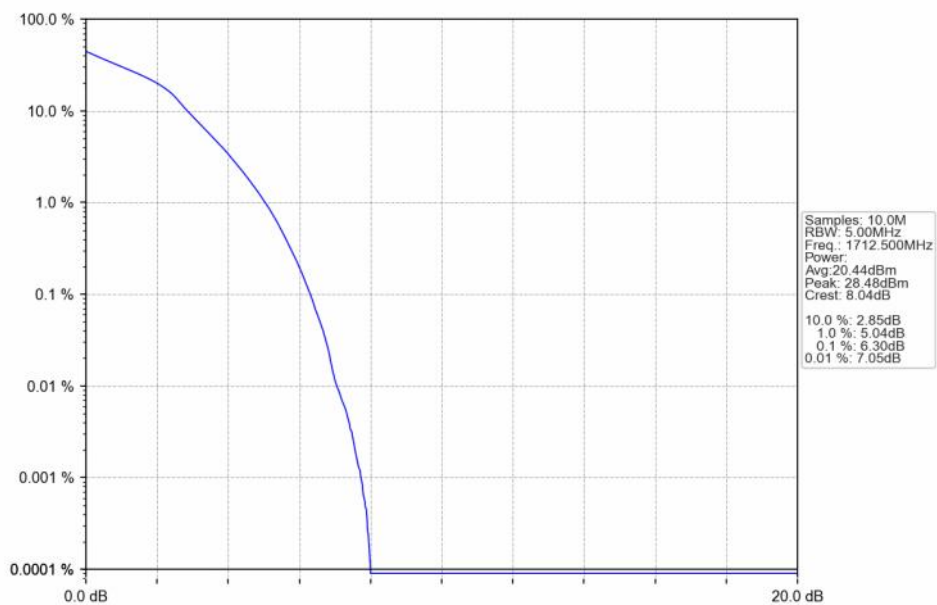
5.2.3 B66_5MHz



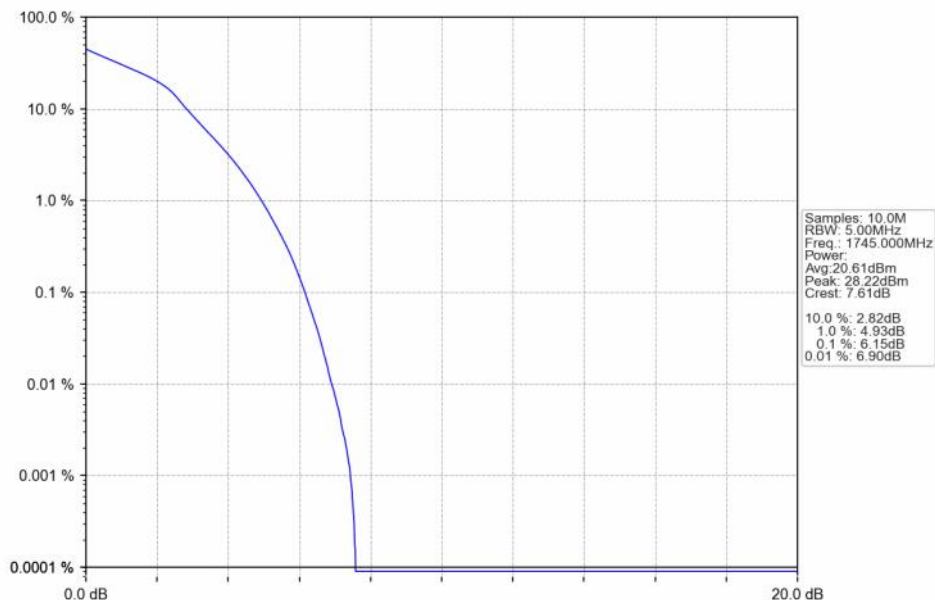
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



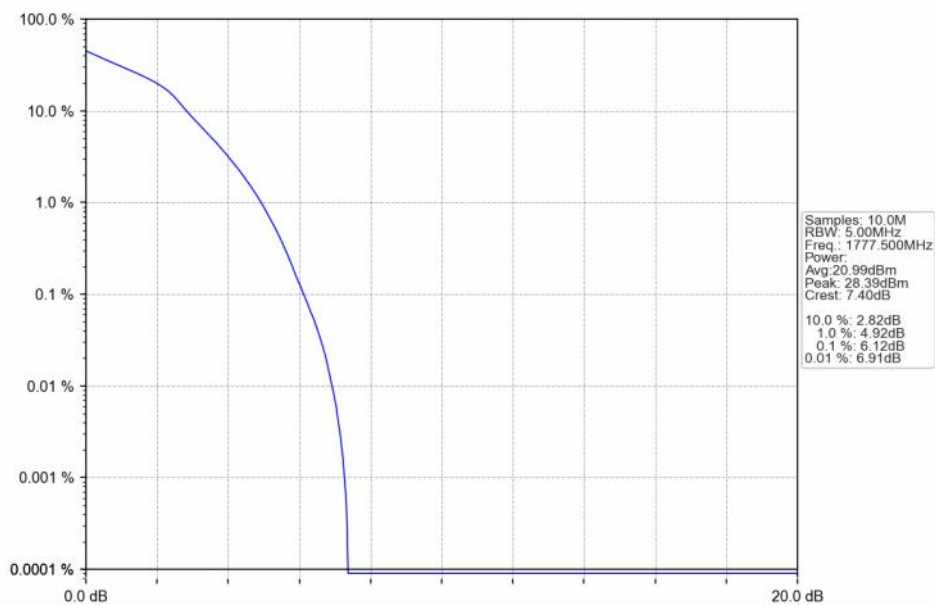
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



5.2.4 B66_10MHz

