Appendix B.18

LTE Band 66

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP (NPANT001)

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.31	3.91	27.22	<=30	Pass
			2	23.35	3.91	27.26	<=30	Pass
			5	23.33	3.91	27.24	<=30	Pass
		3	0	23.31	3.91	27.22	<=30	Pass
			2	23.38	3.91	27.29	<=30	Pass
			3	23.31	3.91	27.22	<=30	Pass
		6	0	22.37	3.91	26.28	<=30	Pass
	1745	1	0	23.40	3.91	27.31	<=30	Pass
			2	23.43	3.91	27.34	<=30	Pass
			5	23.38	3.91	27.29	<=30	Pass
		3	0	23.34	3.91	27.25	<=30	Pass
			2	23.39	3.91	27.30	<=30	Pass
			3	23.32	3.91	27.23	<=30	Pass
		6	0	22.43	3.91	26.34	<=30	Pass
	1779.3	1	0	23.37	3.91	27.28	<=30	Pass
			2	23.40	3.91	27.31	<=30	Pass
			5	23.33	3.91	27.24	<=30	Pass
		3	0	23.29	3.91	27.20	<=30	Pass
			2	23.35	3.91	27.26	<=30	Pass
			3	23.26	3.91	27.17	<=30	Pass
		6	0	22.39	3.91	26.30	<=30	Pass
16QAM	1710.7	1	0	22.40	3.91	26.31	<=30	Pass
			2	22.50	3.91	26.41	<=30	Pass
			5	22.43	3.91	26.34	<=30	Pass
		3	0	22.26	3.91	26.17	<=30	Pass
			2	22.29	3.91	26.20	<=30	Pass
			3	22.25	3.91	26.16	<=30	Pass
		6	0	21.25	3.91	25.16	<=30	Pass
	1745	1	0	22.41	3.91	26.32	<=30	Pass
			2	22.55	3.91	26.46	<=30	Pass
			5	22.47	3.91	26.38	<=30	Pass
		3	0	22.29	3.91	26.20	<=30	Pass
			2	22.32	3.91	26.23	<=30	Pass
			3	22.25	3.91	26.16	<=30	Pass
		6	0	21.31	3.91	25.22	<=30	Pass
	1779.3	1	0	22.42	3.91	26.33	<=30	Pass
			2	22.55	3.91	26.46	<=30	Pass
			5	22.41	3.91	26.32	<=30	Pass
		3	0	22.21	3.91	26.12	<=30	Pass
			2	22.27	3.91	26.18	<=30	Pass

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			3	22.17	3.91	26.08	<=30	Pass
		6	0	21.43	3.91	25.34	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.2 B66_3MHz_EIRP

1.2.1 Test Result

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	23.40	3.91	27.31	<=30	Pass
			7	23.52	3.91	27.43	<=30	Pass
			14	23.41	3.91	27.32	<=30	Pass
		8	0	22.47	3.91	26.38	<=30	Pass
			4	22.50	3.91	26.41	<=30	Pass
			7	22.45	3.91	26.36	<=30	Pass
		15	0	22.47	3.91	26.38	<=30	Pass
	1745	1	0	23.47	3.91	27.38	<=30	Pass
			7	23.50	3.91	27.41	<=30	Pass
			14	23.45	3.91	27.36	<=30	Pass
		8	0	22.51	3.91	26.42	<=30	Pass
			4	22.55	3.91	26.46	<=30	Pass
			7	22.50	3.91	26.41	<=30	Pass
		15	0	22.55	3.91	26.46	<=30	Pass
	1778.5	1	0	23.33	3.91	27.24	<=30	Pass
			7	23.45	3.91	27.36	<=30	Pass
			14	23.31	3.91	27.22	<=30	Pass
		8	0	22.44	3.91	26.35	<=30	Pass
			4	22.51	3.91	26.42	<=30	Pass
			7	22.44	3.91	26.35	<=30	Pass
		15	0	22.45	3.91	26.36	<=30	Pass
16QAM	1711.5	1	0	22.20	3.91	26.11	<=30	Pass
			7	22.35	3.91	26.26	<=30	Pass
			14	22.22	3.91	26.13	<=30	Pass
		8	0	21.46	3.91	25.37	<=30	Pass
			4	21.55	3.91	25.46	<=30	Pass
			7	21.46	3.91	25.37	<=30	Pass
		15	0	21.40	3.91	25.31	<=30	Pass
	1745	1	0	22.50	3.91	26.41	<=30	Pass
			7	22.64	3.91	26.55	<=30	Pass
			14	22.48	3.91	26.39	<=30	Pass
		8	0	21.53	3.91	25.44	<=30	Pass
			4	21.56	3.91	25.47	<=30	Pass
			7	21.53	3.91	25.44	<=30	Pass
		15	0	21.43	3.91	25.34	<=30	Pass
	1778.5	1	0	22.44	3.91	26.35	<=30	Pass
			7	22.59	3.91	26.50	<=30	Pass
			14	22.46	3.91	26.37	<=30	Pass
		8	0	21.48	3.91	25.39	<=30	Pass
			4	21.52	3.91	25.43	<=30	Pass
			7	21.48	3.91	25.39	<=30	Pass
		15	0	21.45	3.91	25.36	<=30	Pass

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Note1: EIRP=Conducted Power+Antenna Gain

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1.3 B66_5MHz_EIRP

1.3.1 Test Result

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	23.47	3.91	27.38	<=30	Pass
			13	23.53	3.91	27.44	<=30	Pass
			24	23.43	3.91	27.34	<=30	Pass
		12	0	22.50	3.91	26.41	<=30	Pass
			6	22.48	3.91	26.39	<=30	Pass
			13	22.48	3.91	26.39	<=30	Pass
		25	0	22.47	3.91	26.38	<=30	Pass
	1745	1	0	23.54	3.91	27.45	<=30	Pass
			13	23.63	3.91	27.54	<=30	Pass
			24	23.47	3.91	27.38	<=30	Pass
		12	0	22.54	3.91	26.45	<=30	Pass
			6	22.53	3.91	26.44	<=30	Pass
			13	22.47	3.91	26.38	<=30	Pass
		25	0	22.52	3.91	26.43	<=30	Pass
	1777.5	1	0	23.41	3.91	27.32	<=30	Pass
			13	23.53	3.91	27.44	<=30	Pass
			24	23.40	3.91	27.31	<=30	Pass
		12	0	22.44	3.91	26.35	<=30	Pass
			6	22.45	3.91	26.36	<=30	Pass
			13	22.43	3.91	26.34	<=30	Pass
		25	0	22.43	3.91	26.34	<=30	Pass
16QAM	1712.5	1	0	22.43	3.91	26.34	<=30	Pass
			13	22.57	3.91	26.48	<=30	Pass
			24	22.43	3.91	26.34	<=30	Pass
		12	0	21.49	3.91	25.40	<=30	Pass
			6	21.50	3.91	25.41	<=30	Pass
			13	21.49	3.91	25.40	<=30	Pass
		25	0	21.46	3.91	25.37	<=30	Pass
	1745	1	0	22.54	3.91	26.45	<=30	Pass
			13	22.68	3.91	26.59	<=30	Pass
			24	22.56	3.91	26.47	<=30	Pass
		12	0	21.56	3.91	25.47	<=30	Pass
			6	21.58	3.91	25.49	<=30	Pass
			13	21.54	3.91	25.45	<=30	Pass
		25	0	21.54	3.91	25.45	<=30	Pass
	1777.5	1	0	22.52	3.91	26.43	<=30	Pass
			13	22.60	3.91	26.51	<=30	Pass
			24	22.50	3.91	26.41	<=30	Pass
		12	0	21.49	3.91	25.40	<=30	Pass
			6	21.48	3.91	25.39	<=30	Pass
			13	21.48	3.91	25.39	<=30	Pass
		25	0	21.42	3.91	25.33	<=30	Pass

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1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.39	3.91	27.30	<=30	Pass
			25	23.40	3.91	27.31	<=30	Pass
			49	23.35	3.91	27.26	<=30	Pass
		25	0	22.51	3.91	26.42	<=30	Pass
			13	22.54	3.91	26.45	<=30	Pass
			25	22.45	3.91	26.36	<=30	Pass
		50	0	22.52	3.91	26.43	<=30	Pass
	1745	1	0	23.51	3.91	27.42	<=30	Pass
			25	23.54	3.91	27.45	<=30	Pass
			49	23.48	3.91	27.39	<=30	Pass
		25	0	22.55	3.91	26.46	<=30	Pass
			13	22.52	3.91	26.43	<=30	Pass
			25	22.50	3.91	26.41	<=30	Pass
		50	0	22.50	3.91	26.41	<=30	Pass
	1775	1	0	23.33	3.91	27.24	<=30	Pass
			25	23.36	3.91	27.27	<=30	Pass
			49	23.31	3.91	27.22	<=30	Pass
		25	0	22.41	3.91	26.32	<=30	Pass
			13	22.42	3.91	26.33	<=30	Pass
			25	22.40	3.91	26.31	<=30	Pass
		50	0	22.38	3.91	26.29	<=30	Pass
16QAM	1715	1	0	22.56	3.91	26.47	<=30	Pass
			25	22.58	3.91	26.49	<=30	Pass
			49	22.51	3.91	26.42	<=30	Pass
		25	0	21.48	3.91	25.39	<=30	Pass
			13	21.53	3.91	25.44	<=30	Pass
			25	21.47	3.91	25.38	<=30	Pass
		50	0	21.52	3.91	25.43	<=30	Pass
	1745	1	0	22.32	3.91	26.23	<=30	Pass
			25	22.37	3.91	26.28	<=30	Pass
			49	22.32	3.91	26.23	<=30	Pass
		25	0	21.54	3.91	25.45	<=30	Pass
			13	21.57	3.91	25.48	<=30	Pass
			25	21.56	3.91	25.47	<=30	Pass
		50	0	21.53	3.91	25.44	<=30	Pass
	1775	1	0	22.49	3.91	26.40	<=30	Pass
			25	22.47	3.91	26.38	<=30	Pass
			49	22.47	3.91	26.38	<=30	Pass
		25	0	21.41	3.91	25.32	<=30	Pass
			13	21.46	3.91	25.37	<=30	Pass
			25	21.41	3.91	25.32	<=30	Pass
		50	0	21.42	3.91	25.33	<=30	Pass

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Note1: EIRP=Conducted Power+Antenna Gain

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1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.40	3.91	27.31	<=30	Pass
			38	23.45	3.91	27.36	<=30	Pass
			74	23.33	3.91	27.24	<=30	Pass
		36	0	22.55	3.91	26.46	<=30	Pass
			18	22.54	3.91	26.45	<=30	Pass
			39	22.49	3.91	26.40	<=30	Pass
		75	0	22.51	3.91	26.42	<=30	Pass
	1745	1	0	23.49	3.91	27.40	<=30	Pass
			38	23.47	3.91	27.38	<=30	Pass
			74	23.44	3.91	27.35	<=30	Pass
		36	0	22.57	3.91	26.48	<=30	Pass
			18	22.56	3.91	26.47	<=30	Pass
			39	22.55	3.91	26.46	<=30	Pass
		75	0	22.56	3.91	26.47	<=30	Pass
	1772.5	1	0	23.37	3.91	27.28	<=30	Pass
			38	23.32	3.91	27.23	<=30	Pass
			74	23.31	3.91	27.22	<=30	Pass
		36	0	22.50	3.91	26.41	<=30	Pass
			18	22.44	3.91	26.35	<=30	Pass
			39	22.46	3.91	26.37	<=30	Pass
		75	0	22.55	3.91	26.46	<=30	Pass
16QAM	1717.5	1	0	22.53	3.91	26.44	<=30	Pass
			38	22.60	3.91	26.51	<=30	Pass
			74	22.52	3.91	26.43	<=30	Pass
		36	0	21.52	3.91	25.43	<=30	Pass
			18	21.56	3.91	25.47	<=30	Pass
			39	21.48	3.91	25.39	<=30	Pass
		75	0	21.47	3.91	25.38	<=30	Pass
	1745	1	0	22.31	3.91	26.22	<=30	Pass
			38	22.31	3.91	26.22	<=30	Pass
			74	22.24	3.91	26.15	<=30	Pass
		36	0	21.46	3.91	25.37	<=30	Pass
			18	21.52	3.91	25.43	<=30	Pass
			39	21.48	3.91	25.39	<=30	Pass
		75	0	21.54	3.91	25.45	<=30	Pass
	1772.5	1	0	22.64	3.91	26.55	<=30	Pass
			38	22.53	3.91	26.44	<=30	Pass
			74	22.55	3.91	26.46	<=30	Pass
		36	0	21.55	3.91	25.46	<=30	Pass
			18	21.51	3.91	25.42	<=30	Pass
			39	21.48	3.91	25.39	<=30	Pass
		75	0	21.49	3.91	25.40	<=30	Pass

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1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.42	3.91	27.33	<=30	Pass
			50	23.49	3.91	27.40	<=30	Pass
			99	23.42	3.91	27.33	<=30	Pass
		50	0	22.48	3.91	26.39	<=30	Pass
			25	22.55	3.91	26.46	<=30	Pass
			50	22.51	3.91	26.42	<=30	Pass
		100	0	22.49	3.91	26.40	<=30	Pass
	1745	1	0	23.32	3.91	27.23	<=30	Pass
			50	23.37	3.91	27.28	<=30	Pass
			99	23.19	3.91	27.10	<=30	Pass
		50	0	22.55	3.91	26.46	<=30	Pass
			25	22.54	3.91	26.45	<=30	Pass
			50	22.48	3.91	26.39	<=30	Pass
		100	0	22.51	3.91	26.42	<=30	Pass
	1770	1	0	23.40	3.91	27.31	<=30	Pass
			50	23.37	3.91	27.28	<=30	Pass
			99	23.36	3.91	27.27	<=30	Pass
		50	0	22.46	3.91	26.37	<=30	Pass
			25	22.47	3.91	26.38	<=30	Pass
			50	22.39	3.91	26.30	<=30	Pass
		100	0	22.47	3.91	26.38	<=30	Pass
16QAM	1720	1	0	22.55	3.91	26.46	<=30	Pass
			50	22.58	3.91	26.49	<=30	Pass
			99	22.48	3.91	26.39	<=30	Pass
		50	0	21.55	3.91	25.46	<=30	Pass
			25	21.58	3.91	25.49	<=30	Pass
			50	21.50	3.91	25.41	<=30	Pass
		100	0	21.52	3.91	25.43	<=30	Pass
	1745	1	0	22.42	3.91	26.33	<=30	Pass
			50	22.47	3.91	26.38	<=30	Pass
			99	22.28	3.91	26.19	<=30	Pass
		50	0	21.52	3.91	25.43	<=30	Pass
			25	21.61	3.91	25.52	<=30	Pass
			50	21.53	3.91	25.44	<=30	Pass
		100	0	21.50	3.91	25.41	<=30	Pass
	1770	1	0	22.47	3.91	26.38	<=30	Pass
			50	22.39	3.91	26.30	<=30	Pass
			99	22.41	3.91	26.32	<=30	Pass
		50	0	21.48	3.91	25.39	<=30	Pass
			25	21.47	3.91	25.38	<=30	Pass
			50	21.34	3.91	25.25	<=30	Pass
		100	0	21.41	3.91	25.32	<=30	Pass

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2. Frequency Stability

2.6 B66_20MHz

2.6.1 Test Result

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	3.135	-5.798	-0.0034	/	Pass
					3.7	-8.646	-0.0050	/	Pass
					4.4	-10.420	-0.0061	/	Pass
				-30	3.7	2.875	0.0017	/	Pass
				-20	3.7	-4.629	-0.0027	/	Pass
				-10	3.7	-3.481	-0.0020	/	Pass
				0	3.7	-10.399	-0.0060	/	Pass
				10	3.7	0.149	0.0001	/	Pass
				30	3.7	-1.861	-0.0011	/	Pass
				40	3.7	-3.158	-0.0018	/	Pass
				50	3.7	-11.749	-0.0068	/	Pass
	1745	100	0	20	3.135	-5.515	-0.0032	/	Pass
					3.7	-7.643	-0.0044	/	Pass
					4.4	-8.615	-0.0049	/	Pass
				-30	3.7	1.021	0.0006	/	Pass
				-20	3.7	2.215	0.0013	/	Pass
				-10	3.7	6.638	0.0038	/	Pass
				0	3.7	-2.444	-0.0014	/	Pass
				10	3.7	0.507	0.0003	/	Pass
				30	3.7	-2.251	-0.0013	/	Pass
				40	3.7	-4.372	-0.0025	/	Pass
				50	3.7	-7.168	-0.0041	/	Pass
	1770	100	0	20	3.135	-0.610	-0.0003	/	Pass
					3.7	0.996	0.0006	/	Pass
					4.4	3.413	0.0019	/	Pass
				-30	3.7	12.663	0.0072	/	Pass
				-20	3.7	1.590	0.0009	/	Pass
				-10	3.7	-0.658	-0.0004	/	Pass
				0	3.7	-0.242	-0.0001	/	Pass
				10	3.7	11.260	0.0064	/	Pass
				30	3.7	4.557	0.0026	/	Pass
				40	3.7	7.875	0.0044	/	Pass
				50	3.7	11.350	0.0064	/	Pass
16QAM	1720	100	0	20	3.135	-9.082	-0.0053	/	Pass
					3.7	-9.245	-0.0054	/	Pass
					4.4	-1.562	-0.0009	/	Pass
				-30	3.7	-4.076	-0.0024	/	Pass
				-20	3.7	3.501	0.0020	/	Pass
				-10	3.7	-0.456	-0.0003	/	Pass
				0	3.7	-8.602	-0.0050	/	Pass

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				10	3.7	-0.719	-0.0004	/	Pass
				30	3.7	-12.423	-0.0072	/	Pass
				40	3.7	-2.577	-0.0015	/	Pass
				50	3.7	-13.094	-0.0076	/	Pass
	1745	100	0	20	3.135	1.730	0.0010	/	Pass
					3.7	-4.171	-0.0024	/	Pass
					4.4	-5.192	-0.0030	/	Pass
				-30	3.7	3.890	0.0022	/	Pass
				-20	3.7	2.118	0.0012	/	Pass
				-10	3.7	7.788	0.0045	/	Pass
				0	3.7	8.196	0.0047	/	Pass
				10	3.7	6.822	0.0039	/	Pass
				30	3.7	0.347	0.0002	/	Pass
				40	3.7	7.441	0.0043	/	Pass
				50	3.7	1.200	0.0007	/	Pass
	1770	100	0	20	3.135	-2.760	-0.0016	/	Pass
					3.7	6.216	0.0035	/	Pass
					4.4	7.187	0.0041	/	Pass
				-30	3.7	2.616	0.0015	/	Pass
				-20	3.7	4.404	0.0025	/	Pass
				-10	3.7	-0.577	-0.0003	/	Pass
				0	3.7	-2.169	-0.0012	/	Pass
				10	3.7	0.165	0.0001	/	Pass
				30	3.7	1.074	0.0006	/	Pass
				40	3.7	3.784	0.0021	/	Pass
				50	3.7	-3.340	-0.0019	/	Pass

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3. 99% & 26dB Bandwidth

3.1 Band66_OBW

3.1.1 Test Result

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	1.106	/	Pass
		1745	6	0	1.104	/	Pass
		1779.3	6	0	1.106	/	Pass
	16QAM	1710.7	6	0	1.105	/	Pass
		1745	6	0	1.099	/	Pass
		1779.3	6	0	1.106	/	Pass
3	QPSK	1711.5	15	0	2.747	/	Pass
		1745	15	0	2.752	/	Pass
		1778.5	15	0	2.742	/	Pass
	16QAM	1711.5	15	0	2.748	/	Pass
		1745	15	0	2.736	/	Pass
		1778.5	15	0	2.735	/	Pass
5	QPSK	1712.5	25	0	4.559	/	Pass
		1745	25	0	4.542	/	Pass
		1777.5	25	0	4.548	/	Pass
	16QAM	1712.5	25	0	4.534	/	Pass
		1745	25	0	4.557	/	Pass
		1777.5	25	0	4.576	/	Pass
10	QPSK	1715	50	0	9.066	/	Pass
		1745	50	0	9.041	/	Pass
		1775	50	0	9.076	/	Pass
	16QAM	1715	50	0	9.066	/	Pass
		1745	50	0	9.049	/	Pass
		1775	50	0	9.055	/	Pass
15	QPSK	1717.5	75	0	13.596	/	Pass
		1745	75	0	13.553	/	Pass
		1772.5	75	0	13.588	/	Pass
	16QAM	1717.5	75	0	13.589	/	Pass
		1745	75	0	13.503	/	Pass
		1772.5	75	0	13.569	/	Pass
20	QPSK	1720	100	0	18.108	/	Pass
		1745	100	0	18.061	/	Pass
		1770	100	0	18.047	/	Pass
	16QAM	1720	100	0	18.097	/	Pass
		1745	100	0	18.057	/	Pass
		1770	100	0	18.032	/	Pass

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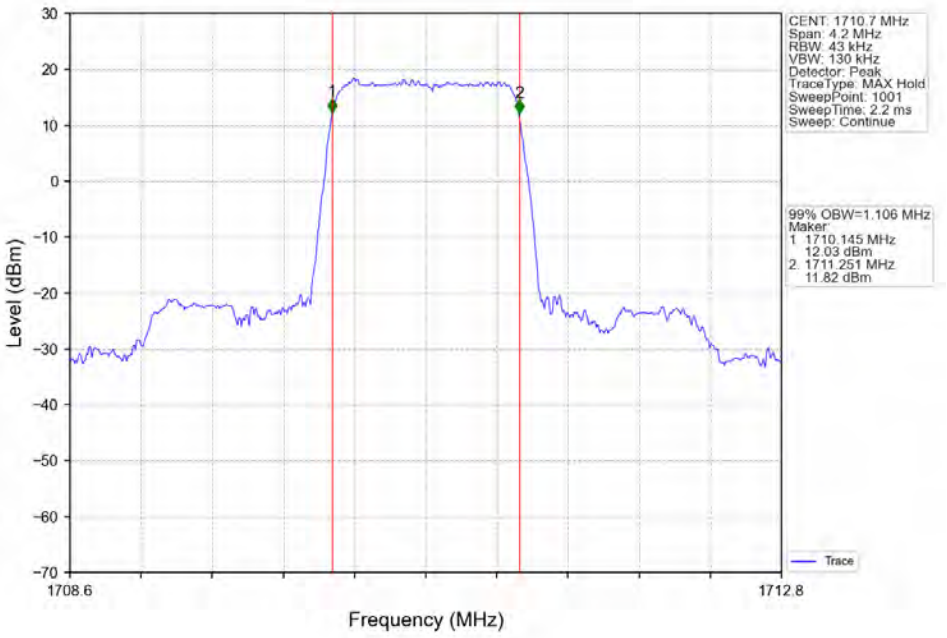
3.1.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



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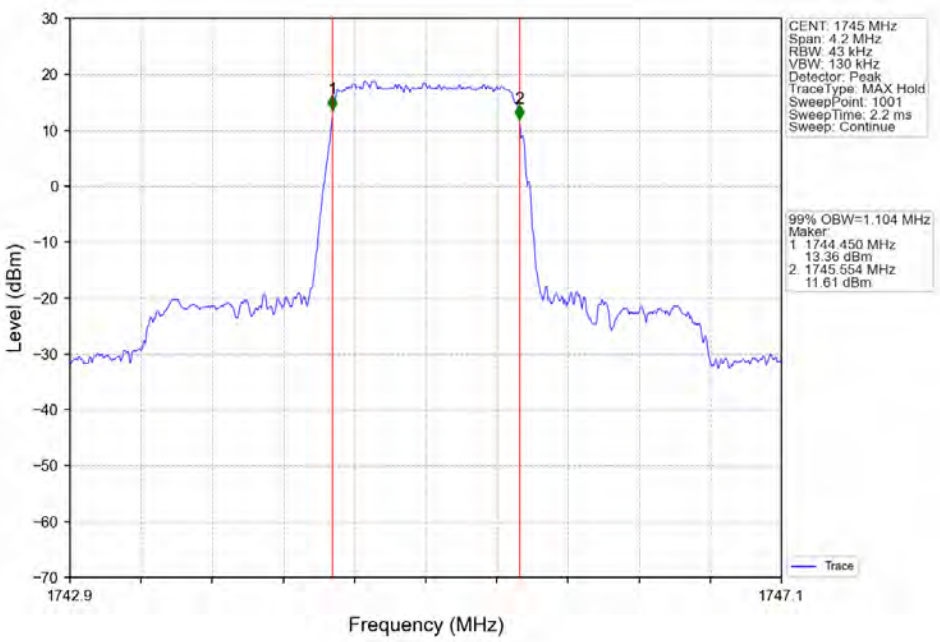
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



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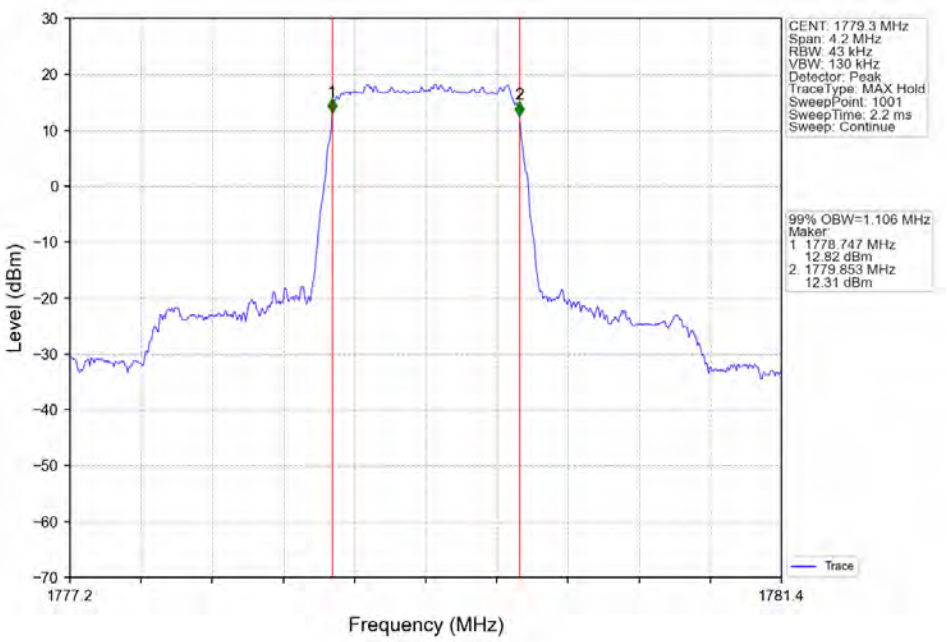

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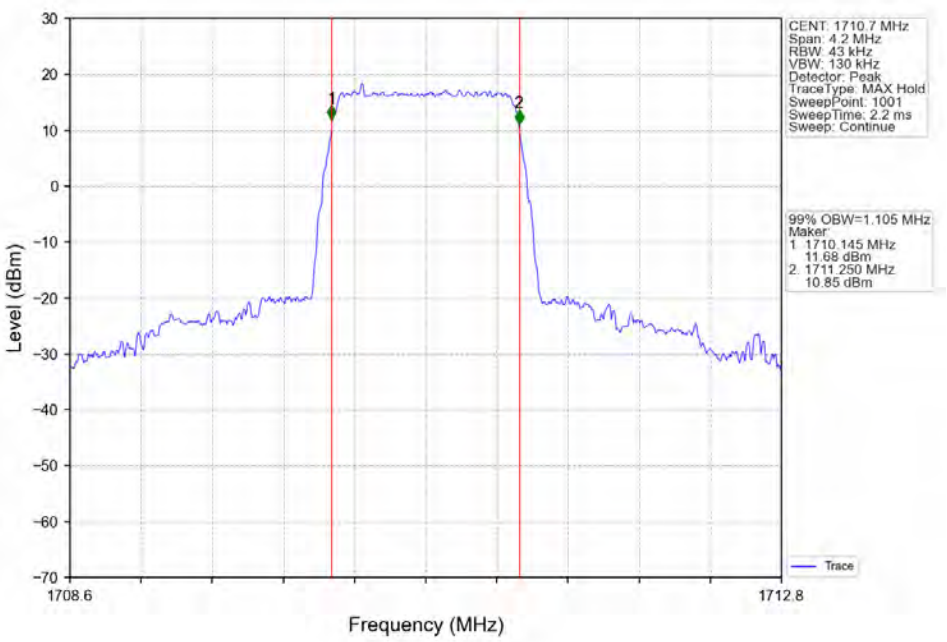

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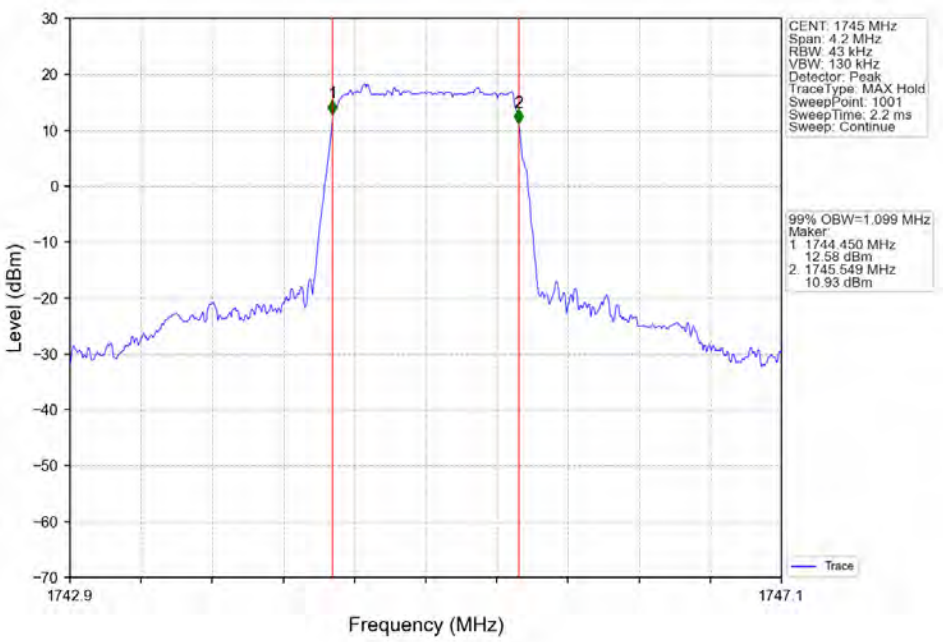

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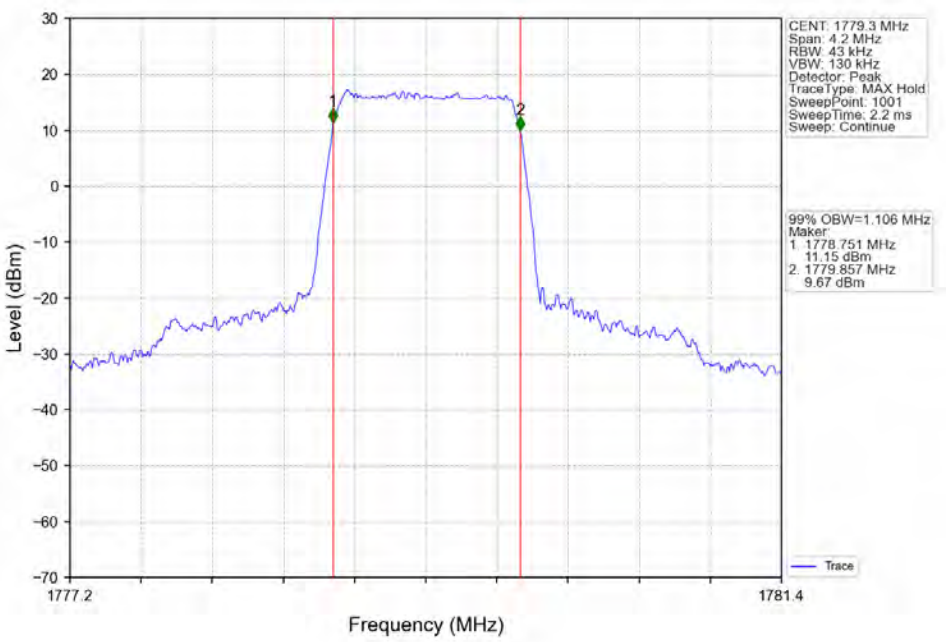

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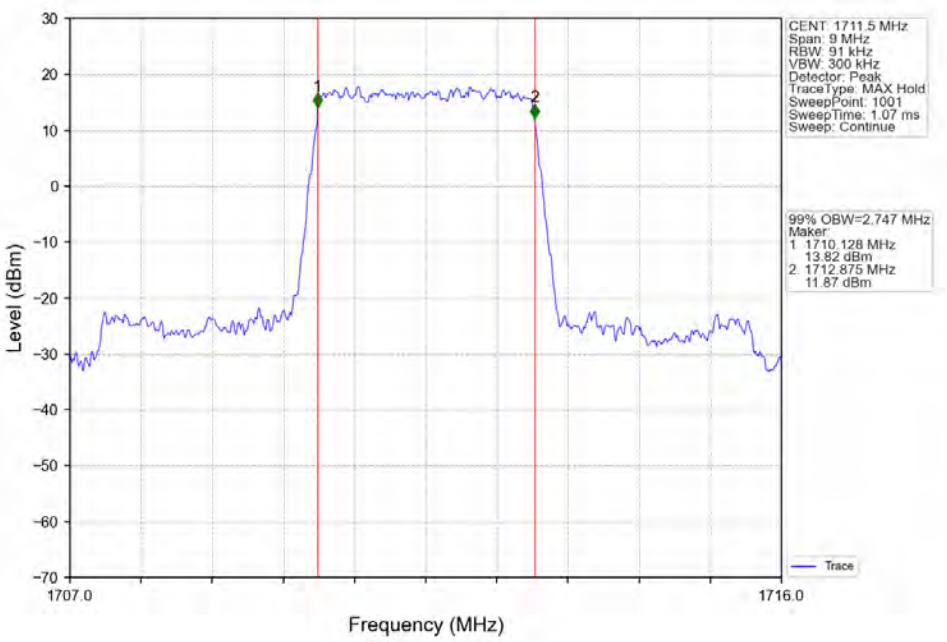

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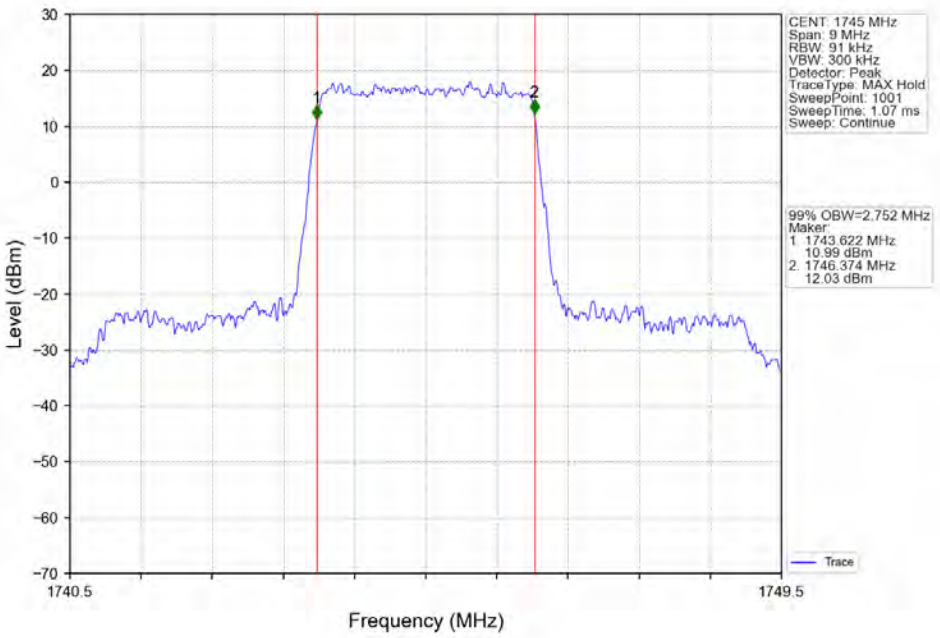

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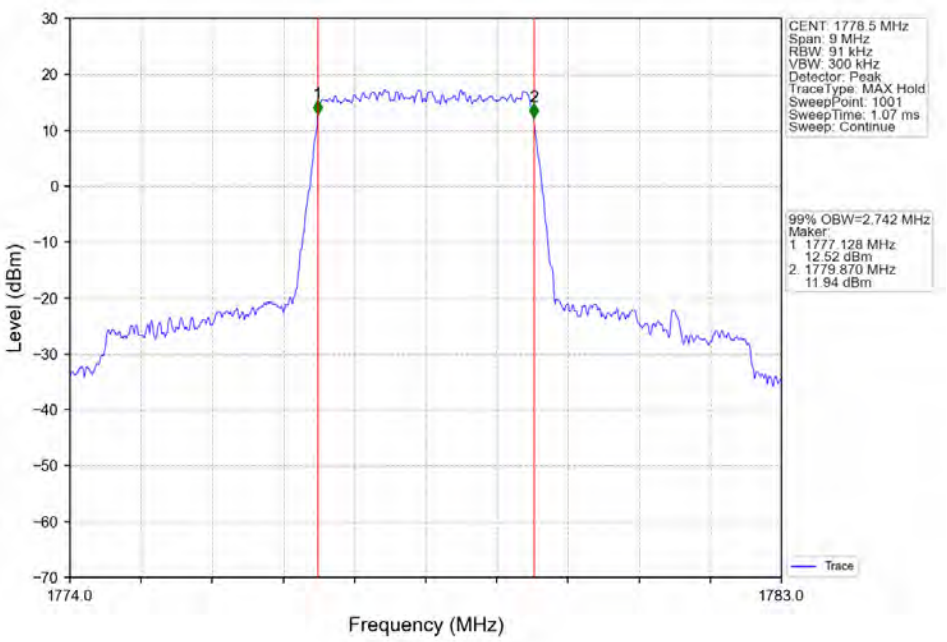

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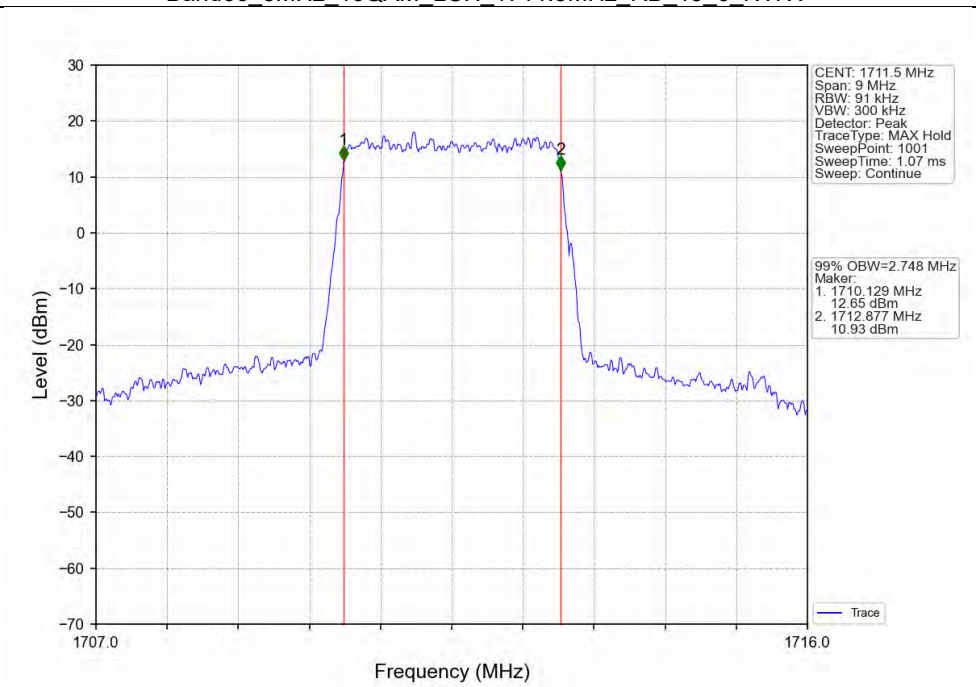

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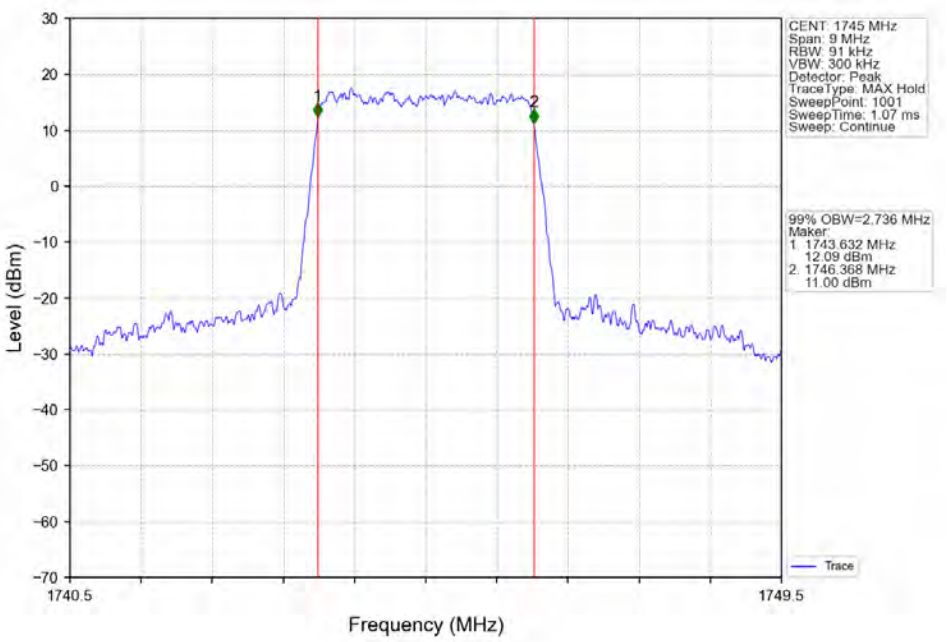

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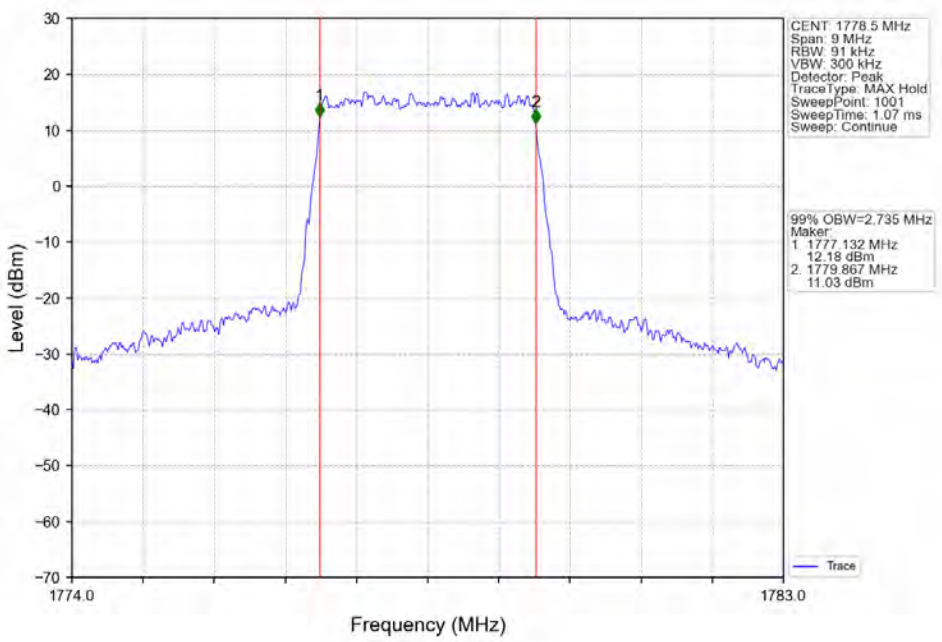

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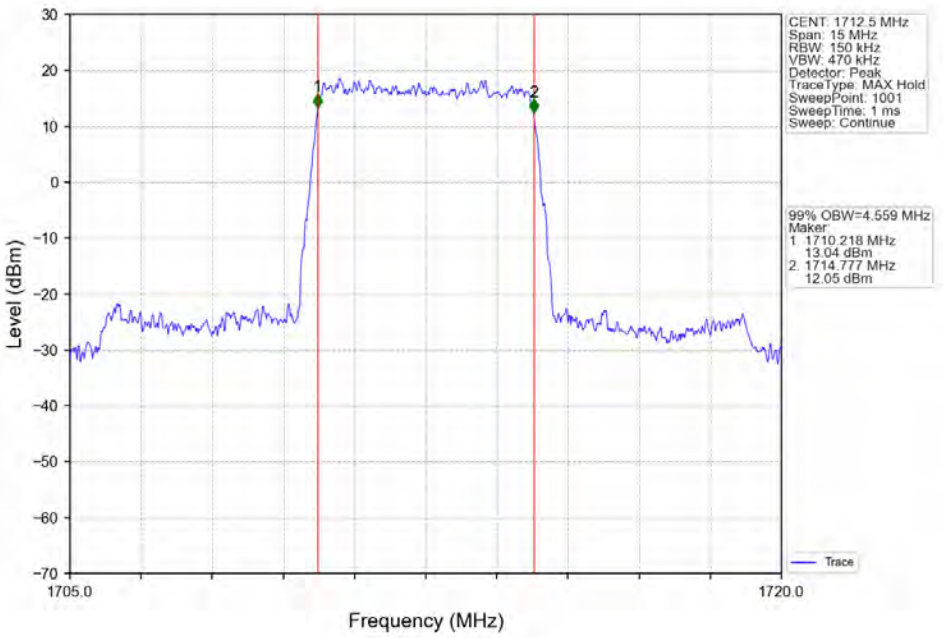
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



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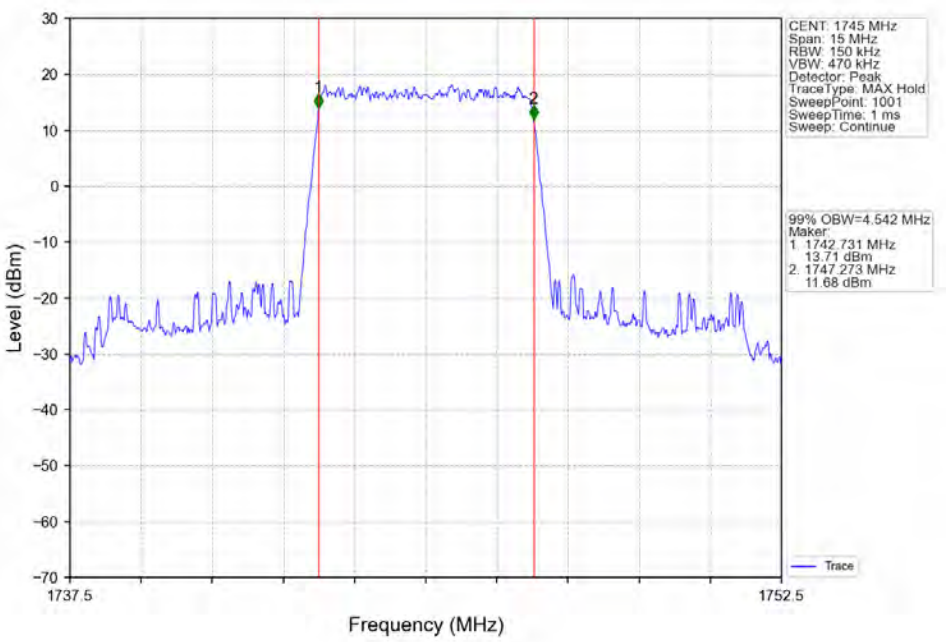
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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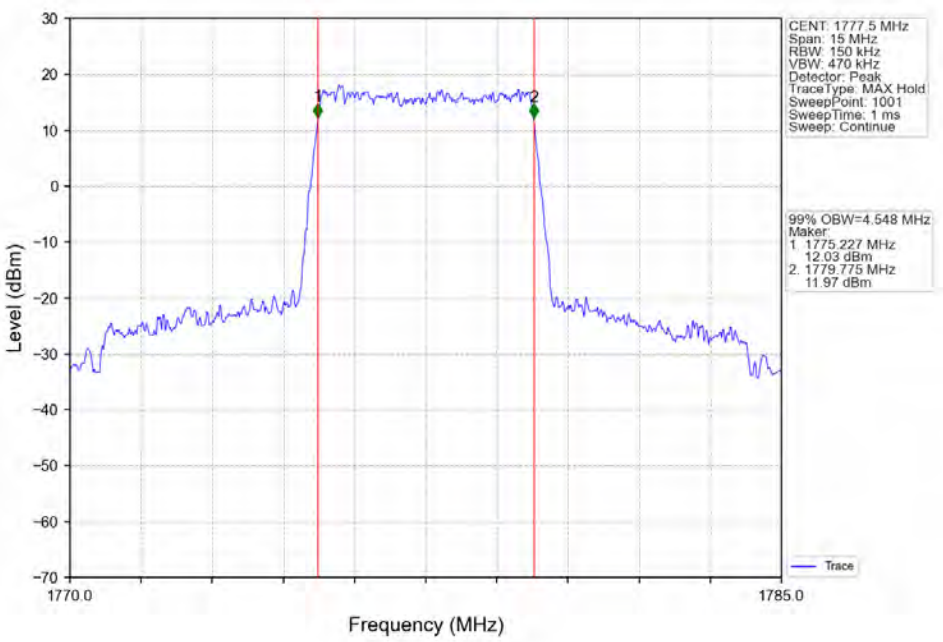
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



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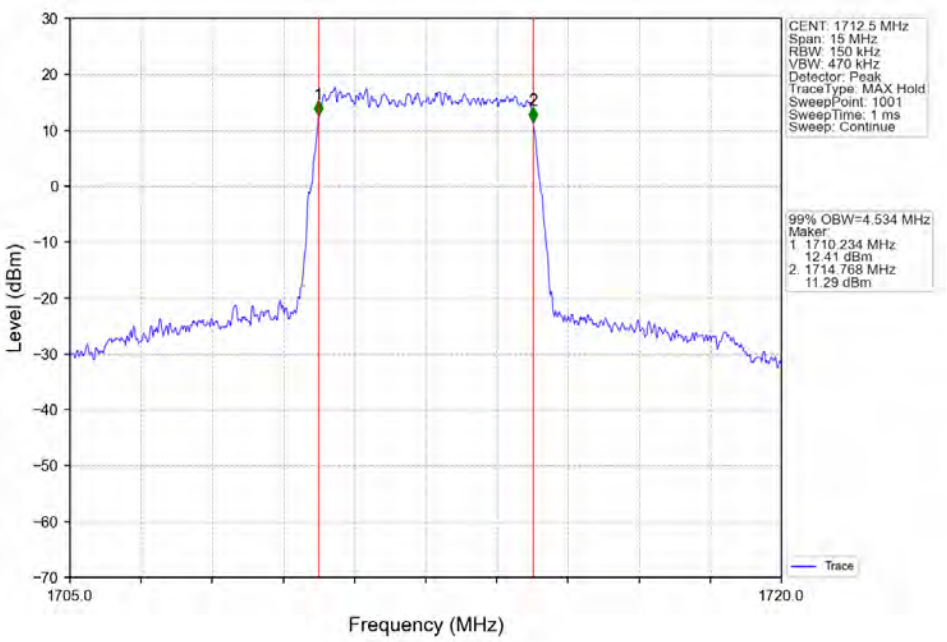
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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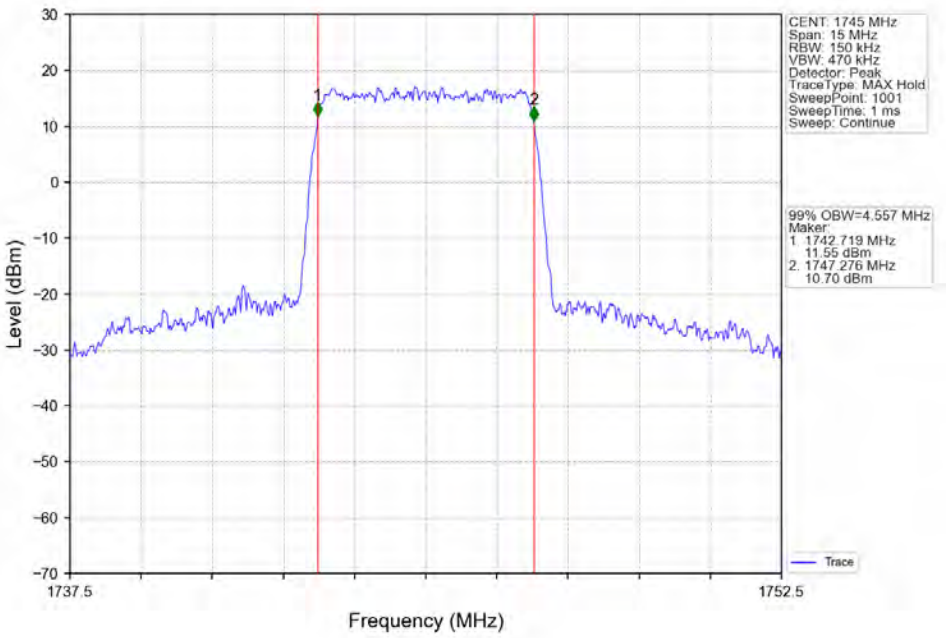

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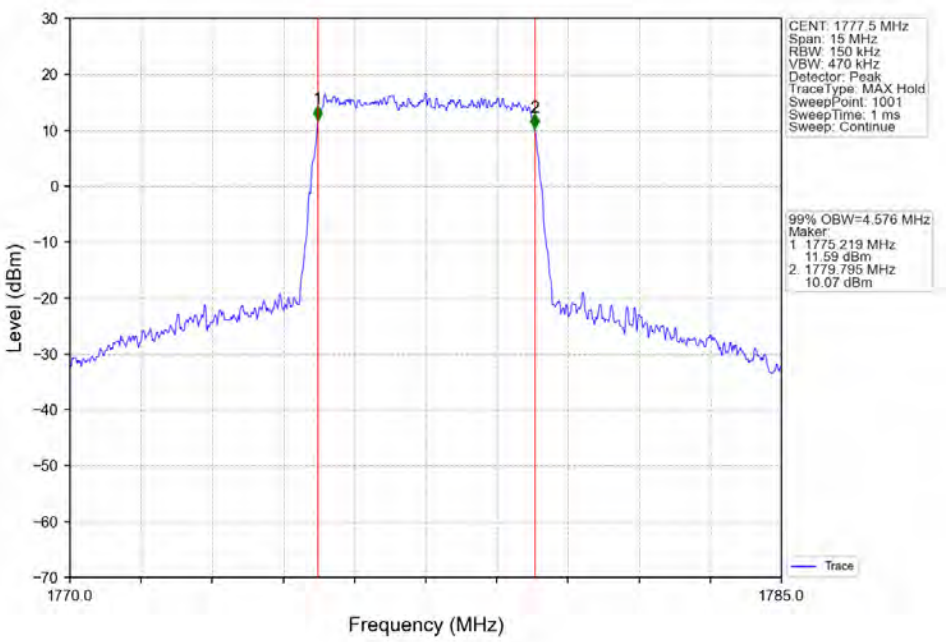

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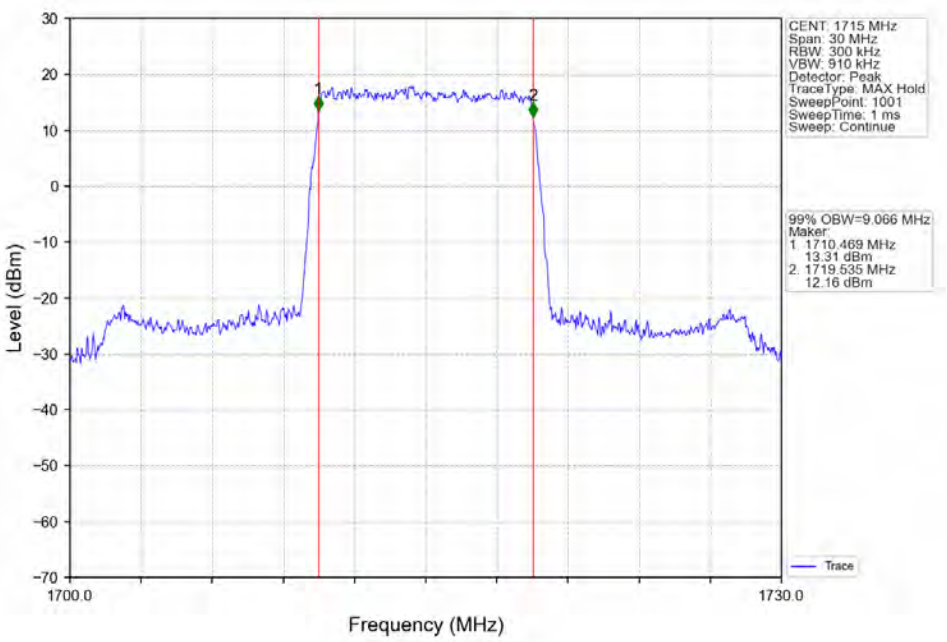

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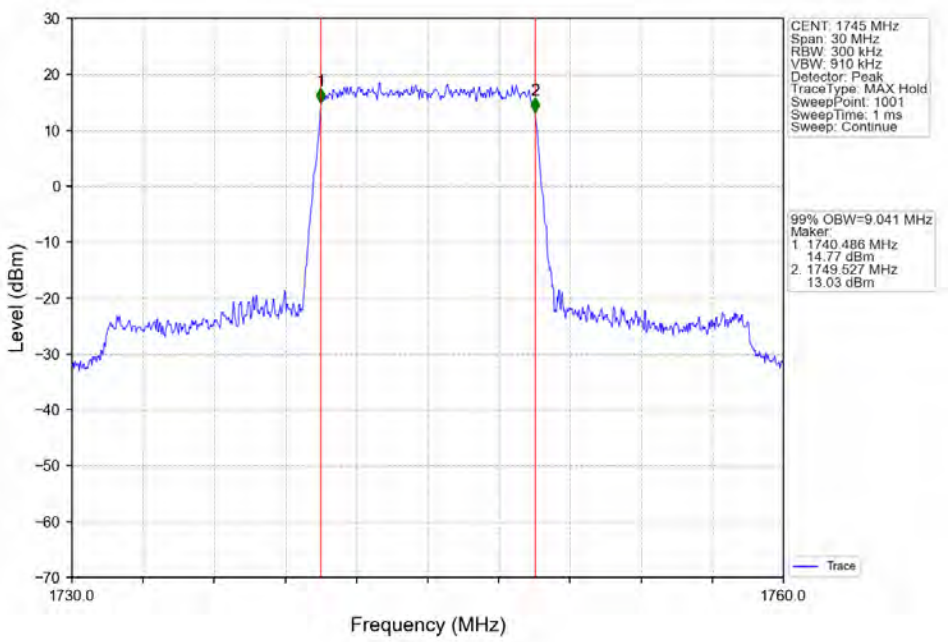

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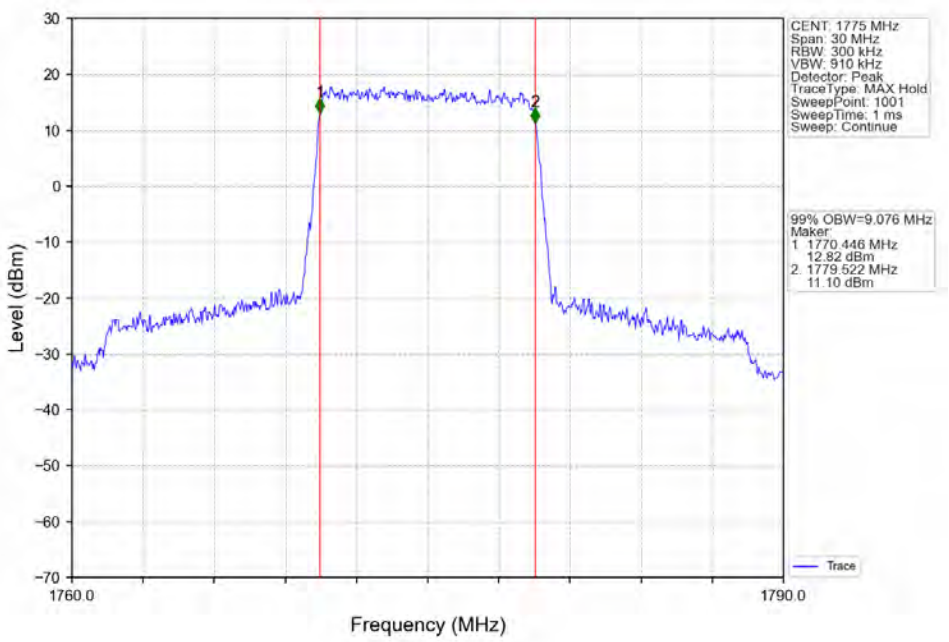

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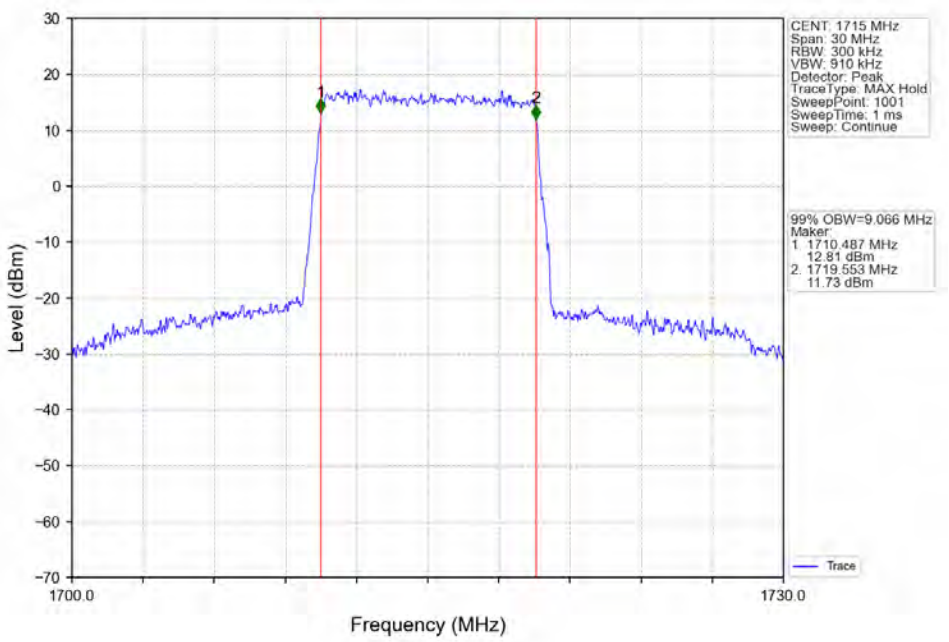

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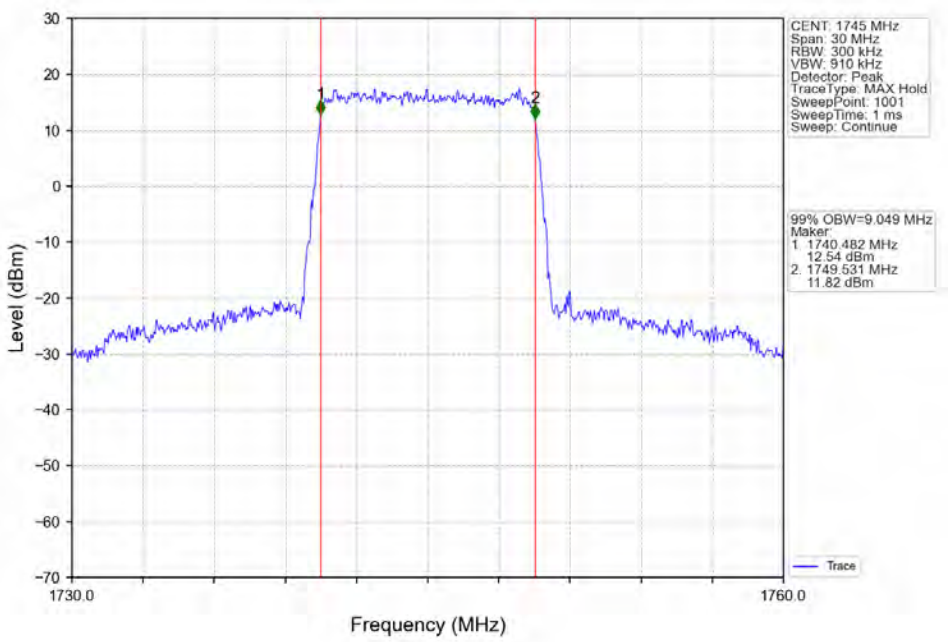

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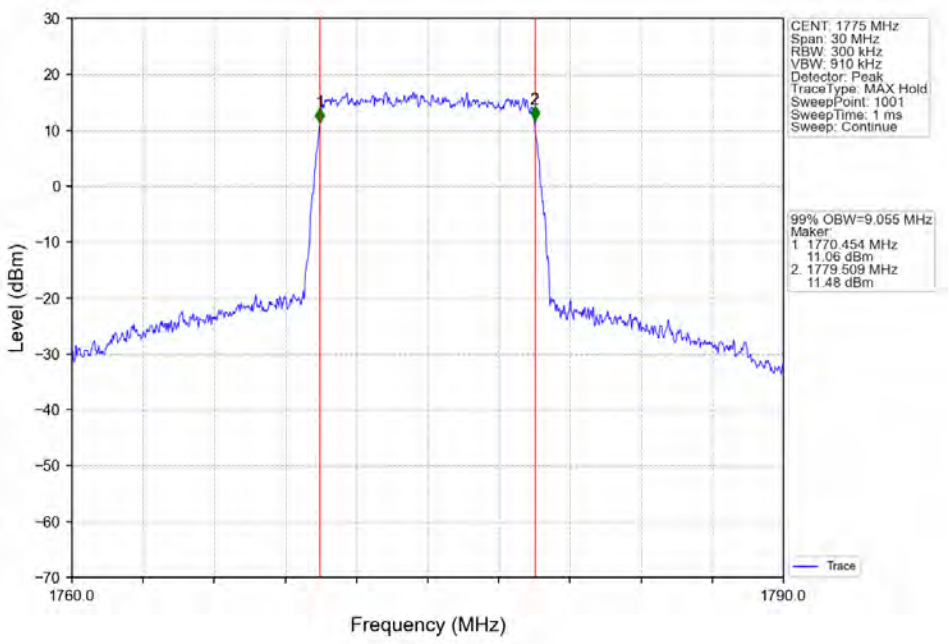

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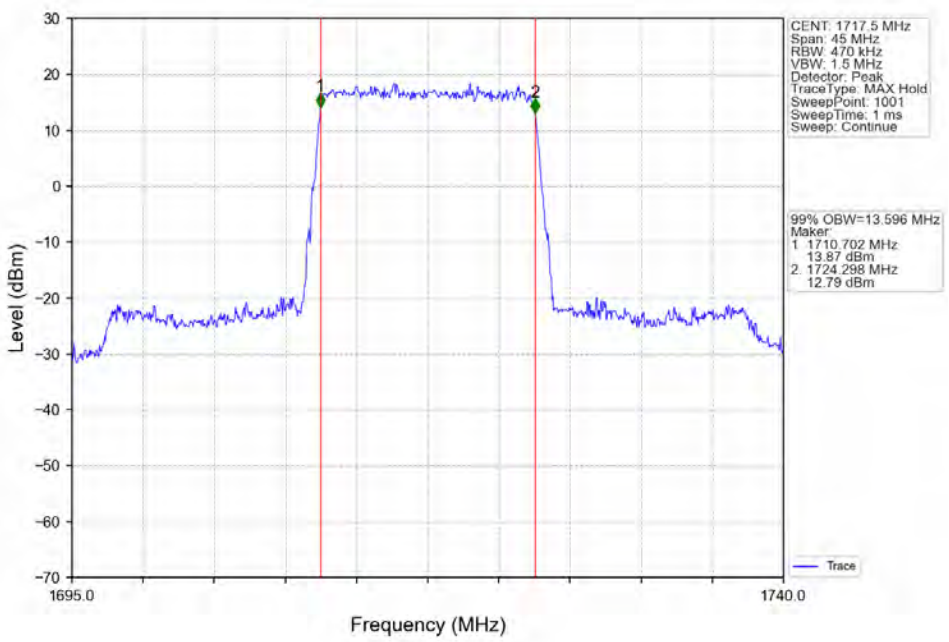

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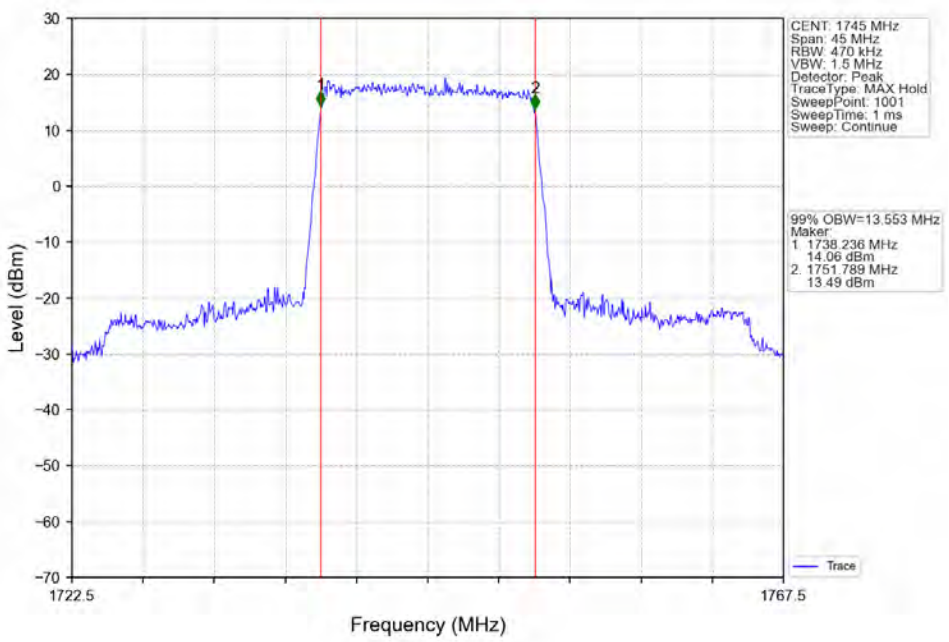

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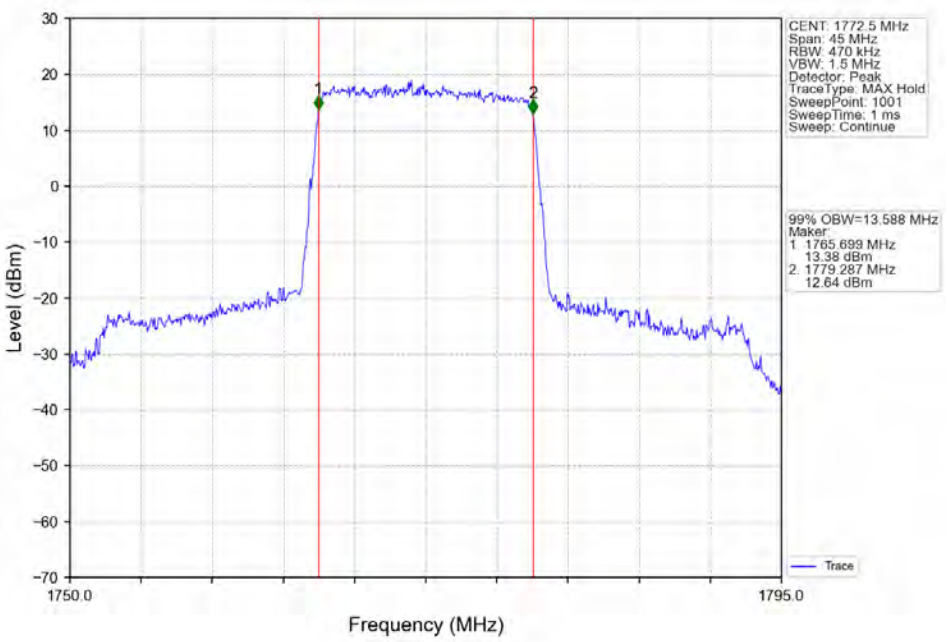

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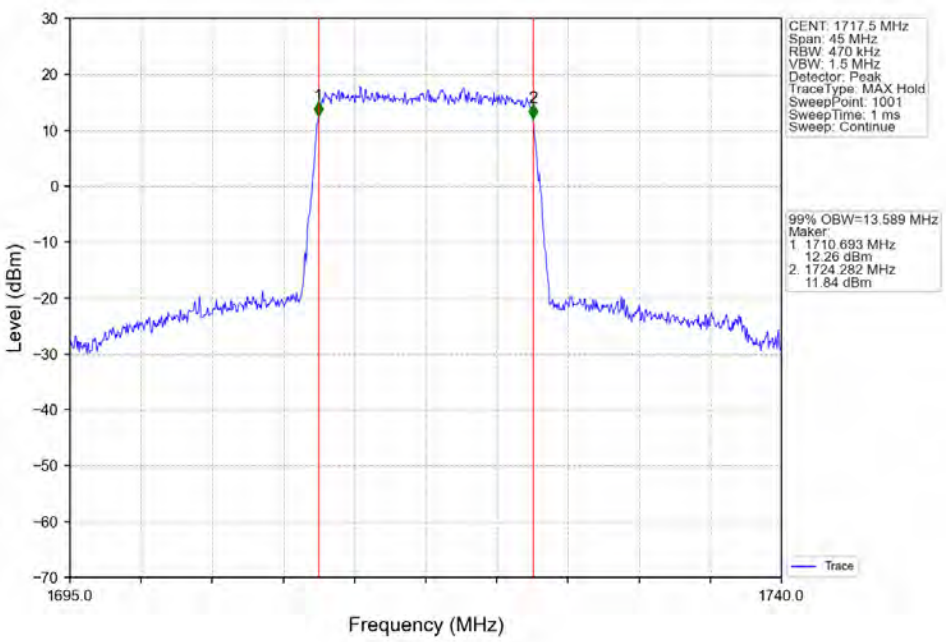

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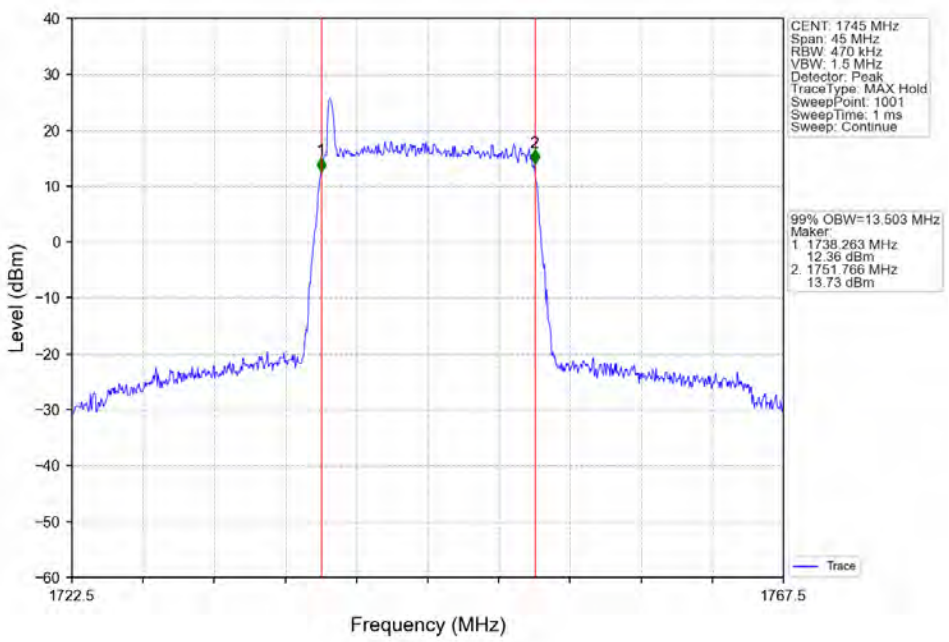

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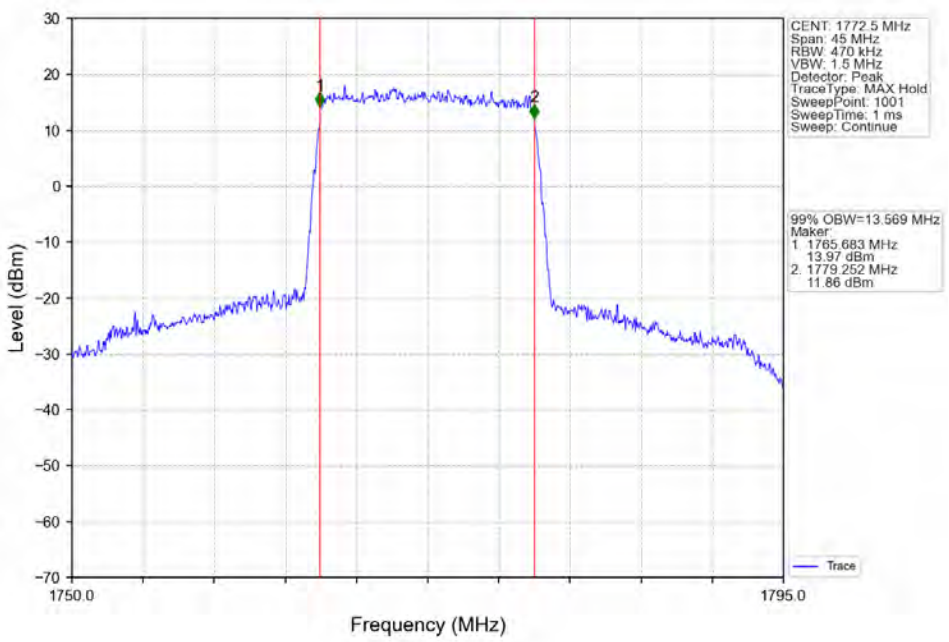

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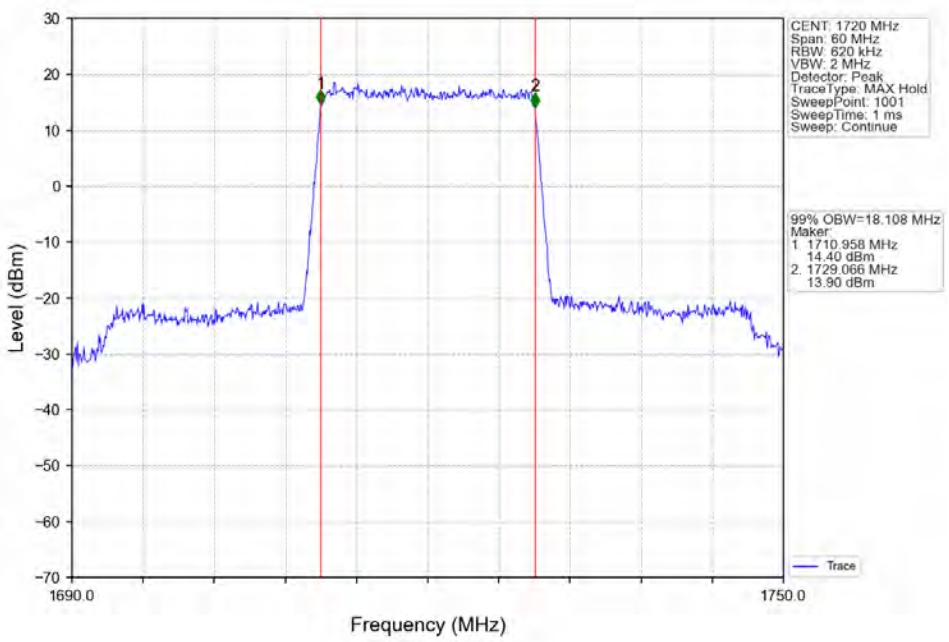

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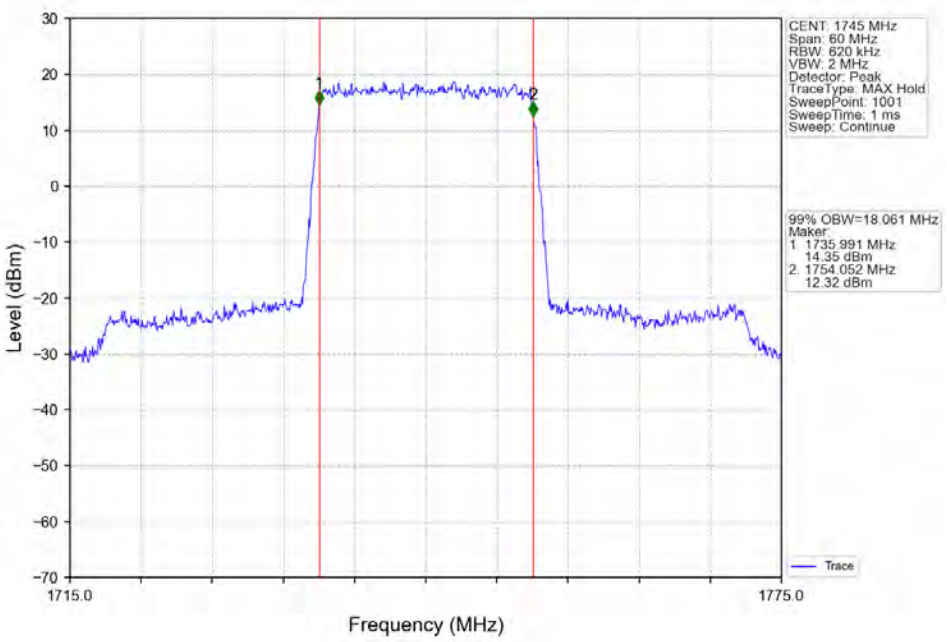

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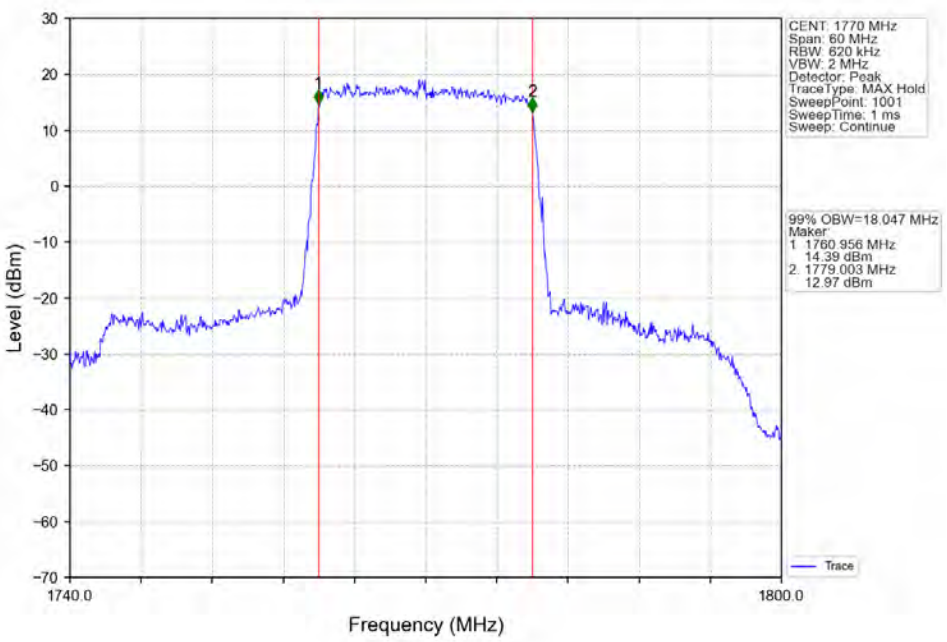

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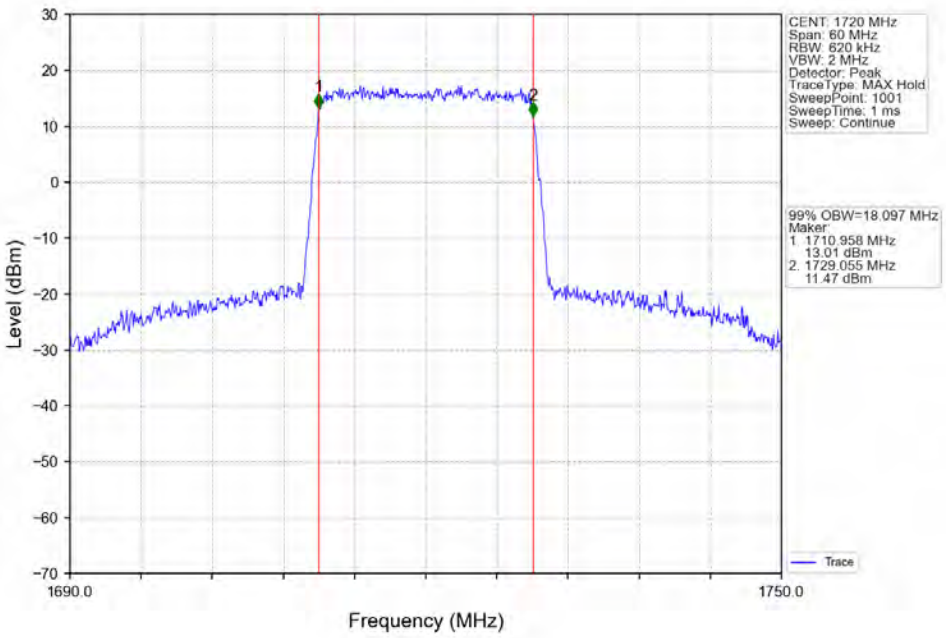

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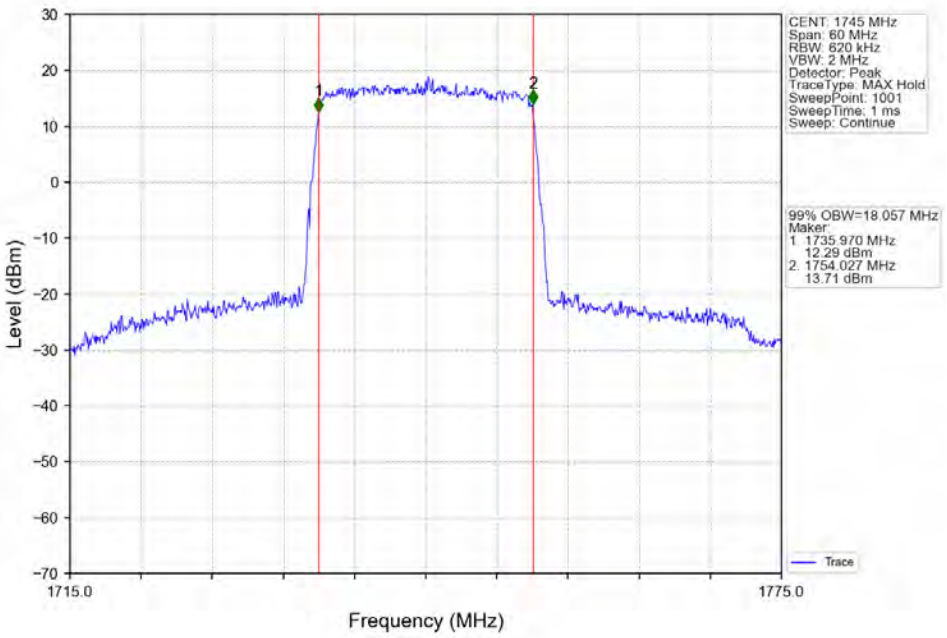

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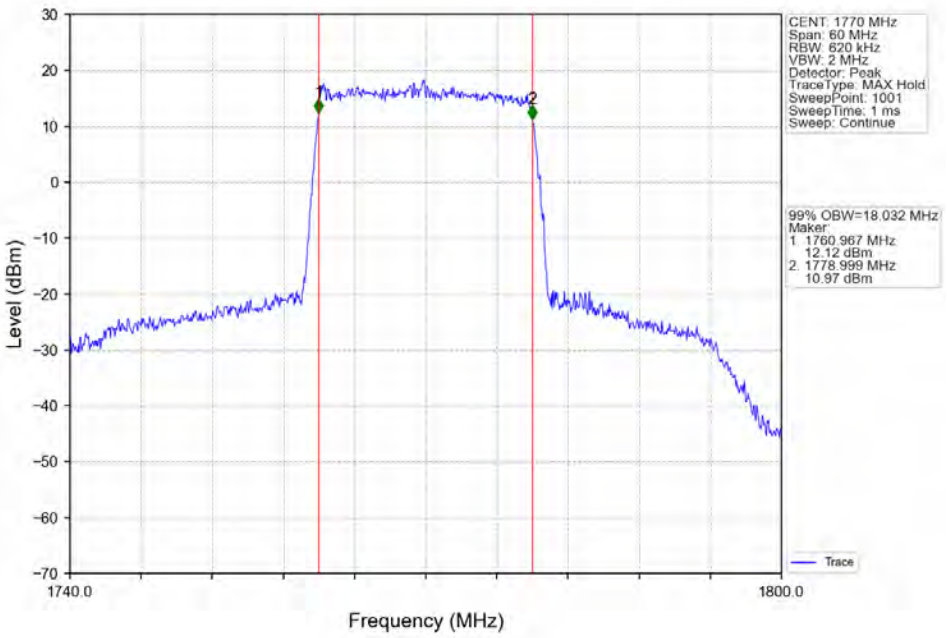

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3.2 Band66_XDB

3.2.1 Test Result

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	1.265	/	Pass
		1745	6	0	1.258	/	Pass
		1779.3	6	0	1.261	/	Pass
	16QAM	1710.7	6	0	1.274	/	Pass
		1745	6	0	1.258	/	Pass
		1779.3	6	0	1.271	/	Pass
3	QPSK	1711.5	15	0	3.068	/	Pass
		1745	15	0	3.080	/	Pass
		1778.5	15	0	3.088	/	Pass
	16QAM	1711.5	15	0	3.089	/	Pass
		1745	15	0	3.063	/	Pass
		1778.5	15	0	3.086	/	Pass
5	QPSK	1712.5	25	0	5.086	/	Pass
		1745	25	0	5.057	/	Pass
		1777.5	25	0	5.048	/	Pass
	16QAM	1712.5	25	0	5.039	/	Pass
		1745	25	0	5.061	/	Pass
		1777.5	25	0	5.049	/	Pass
10	QPSK	1715	50	0	9.978	/	Pass
		1745	50	0	10.026	/	Pass
		1775	50	0	10.008	/	Pass
	16QAM	1715	50	0	9.993	/	Pass
		1745	50	0	9.967	/	Pass
		1775	50	0	9.969	/	Pass
15	QPSK	1717.5	75	0	14.828	/	Pass
		1745	75	0	14.855	/	Pass
		1772.5	75	0	14.912	/	Pass
	16QAM	1717.5	75	0	14.945	/	Pass
		1745	75	0	14.413	/	Pass
		1772.5	75	0	14.890	/	Pass
20	QPSK	1720	100	0	19.738	/	Pass
		1745	100	0	19.766	/	Pass
		1770	100	0	19.842	/	Pass
	16QAM	1720	100	0	19.876	/	Pass
		1745	100	0	19.798	/	Pass
		1770	100	0	19.809	/	Pass

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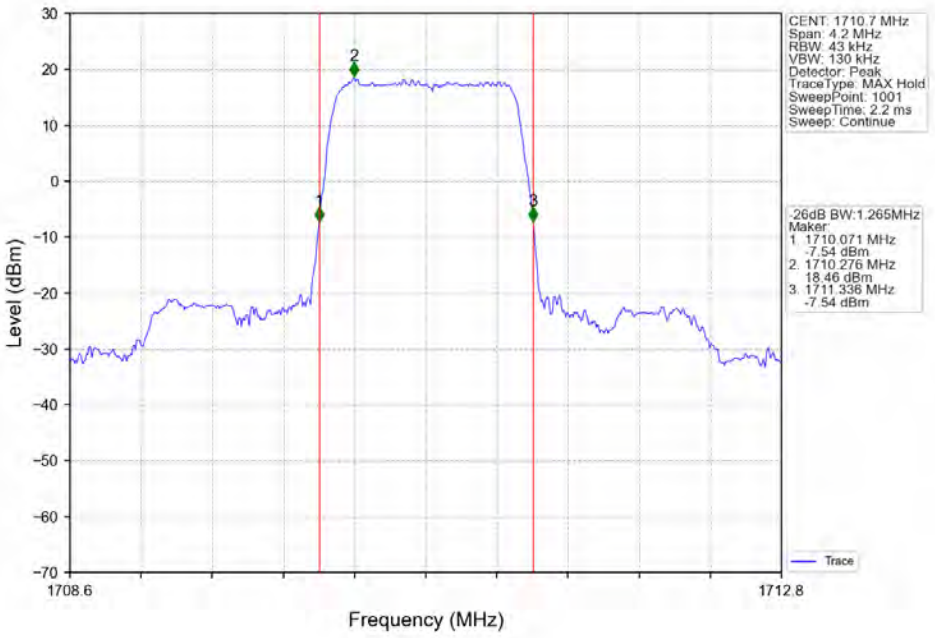
3.2.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



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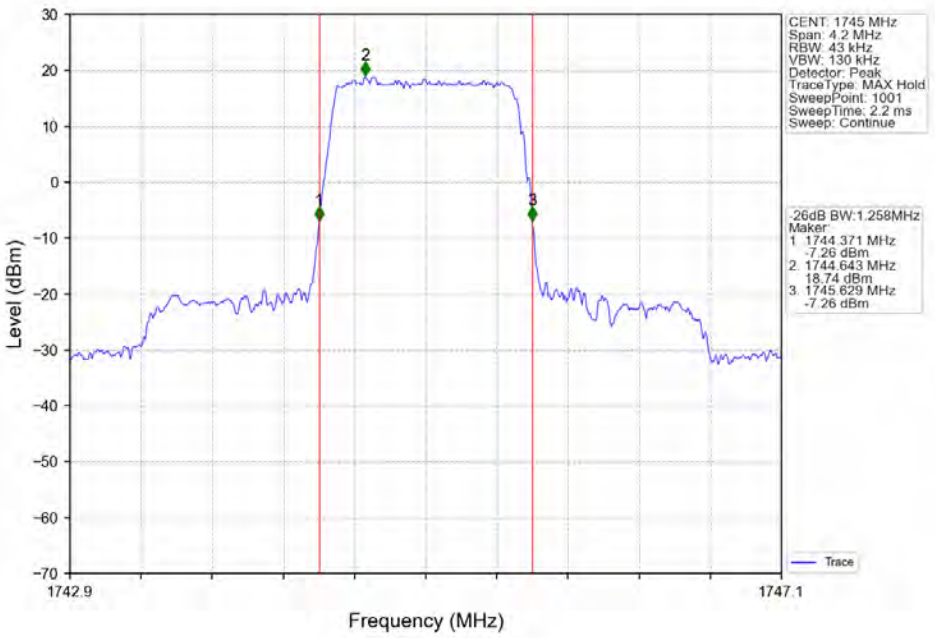
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



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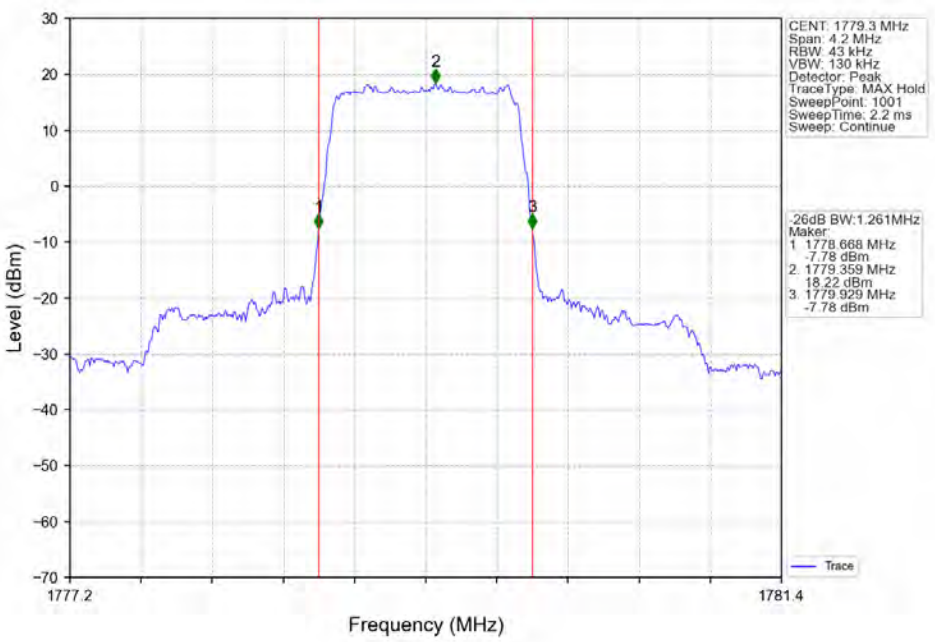
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



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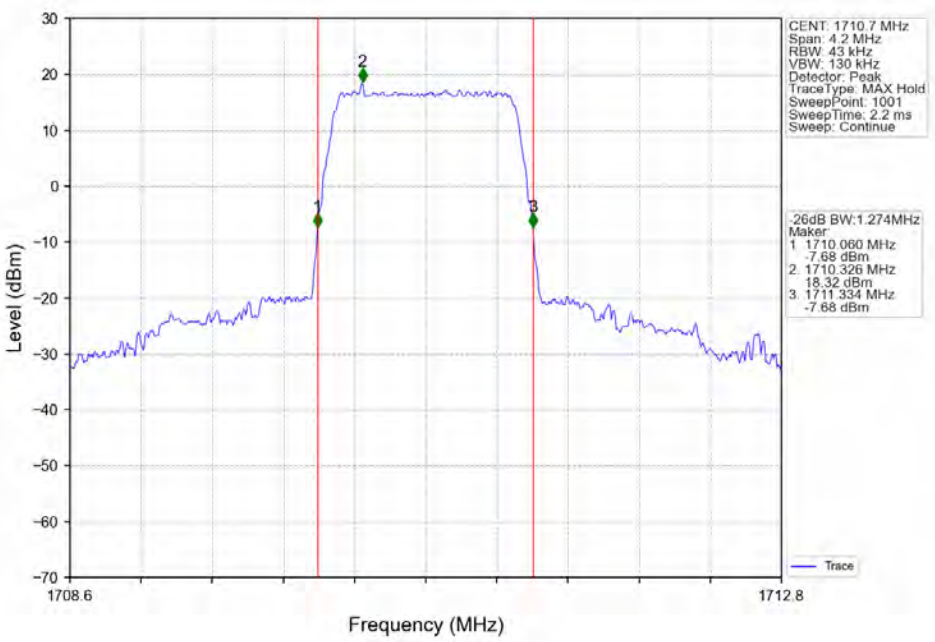
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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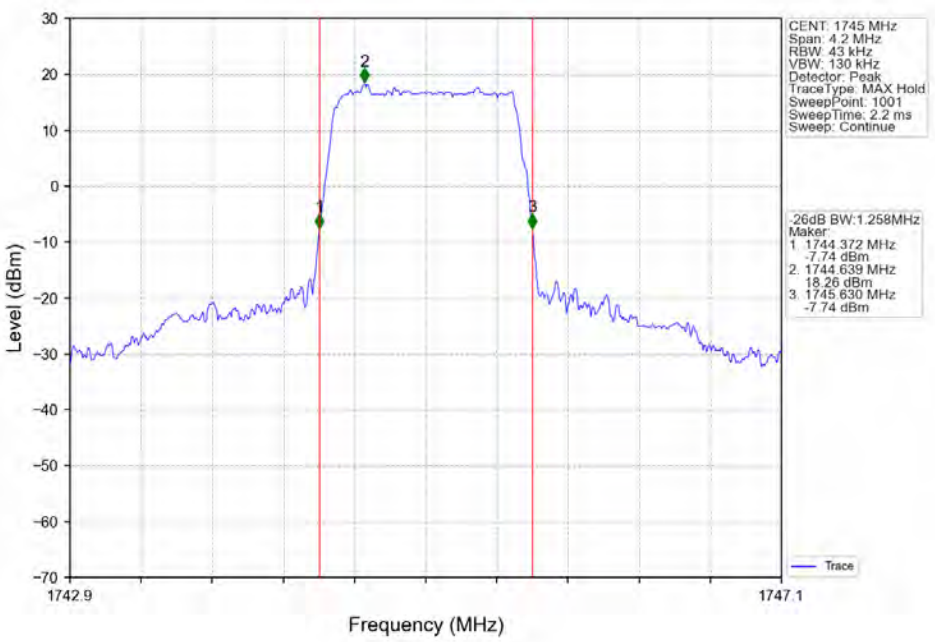
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



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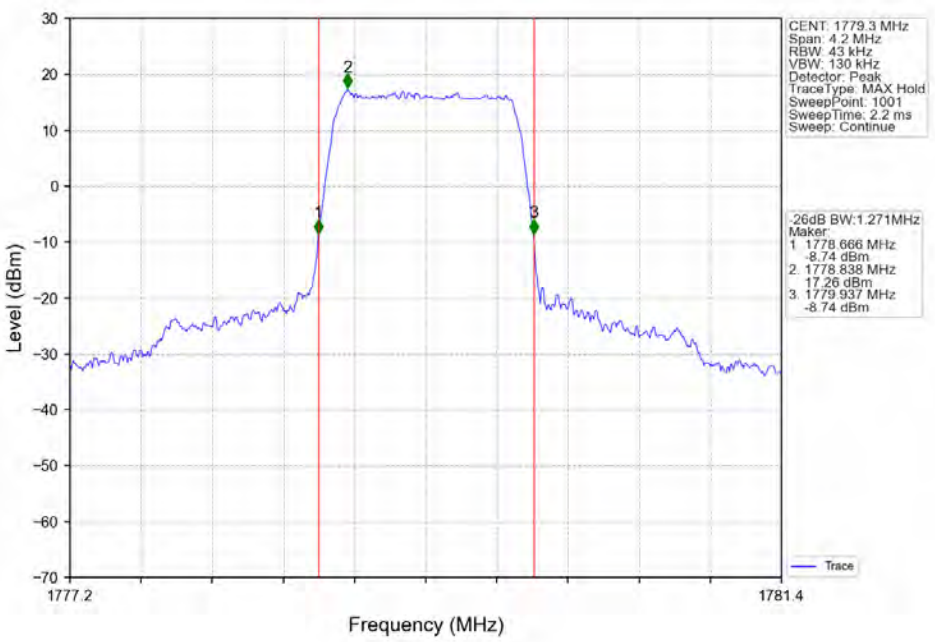
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



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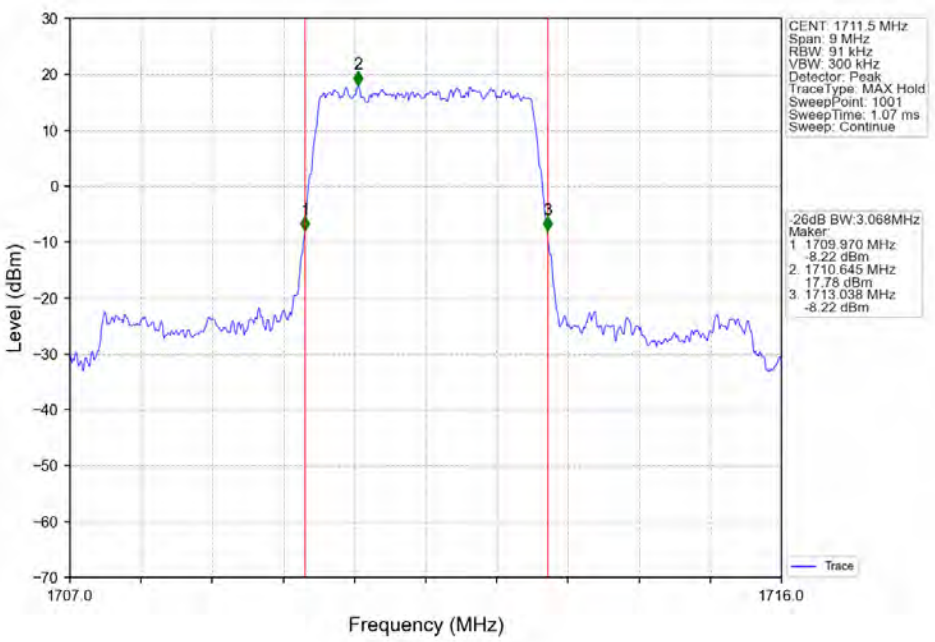
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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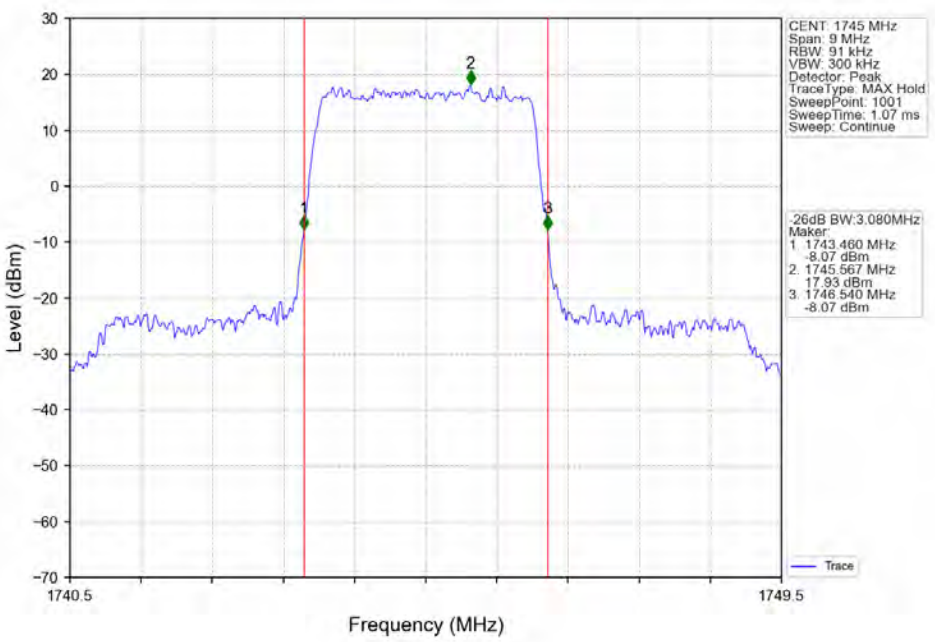

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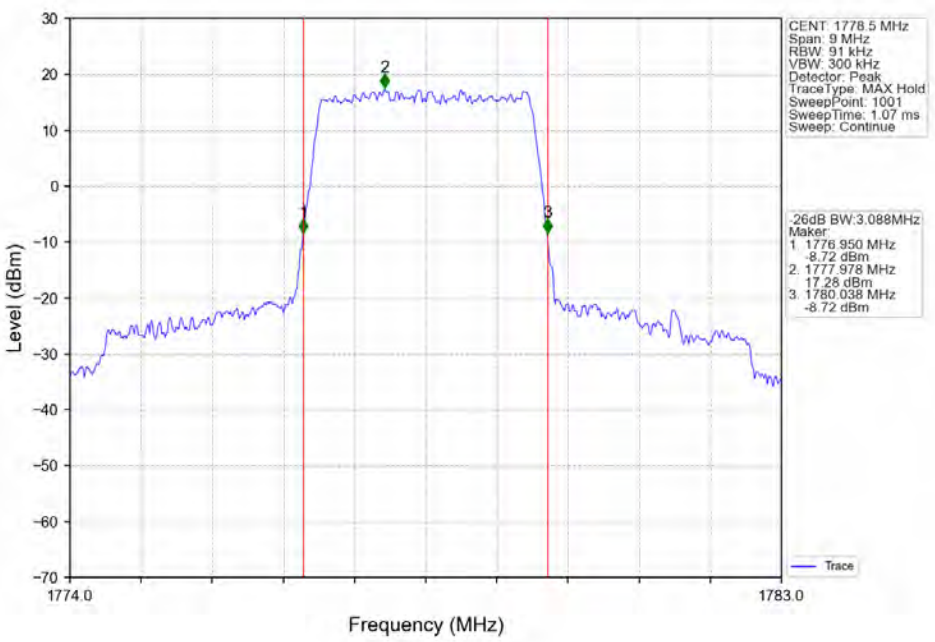

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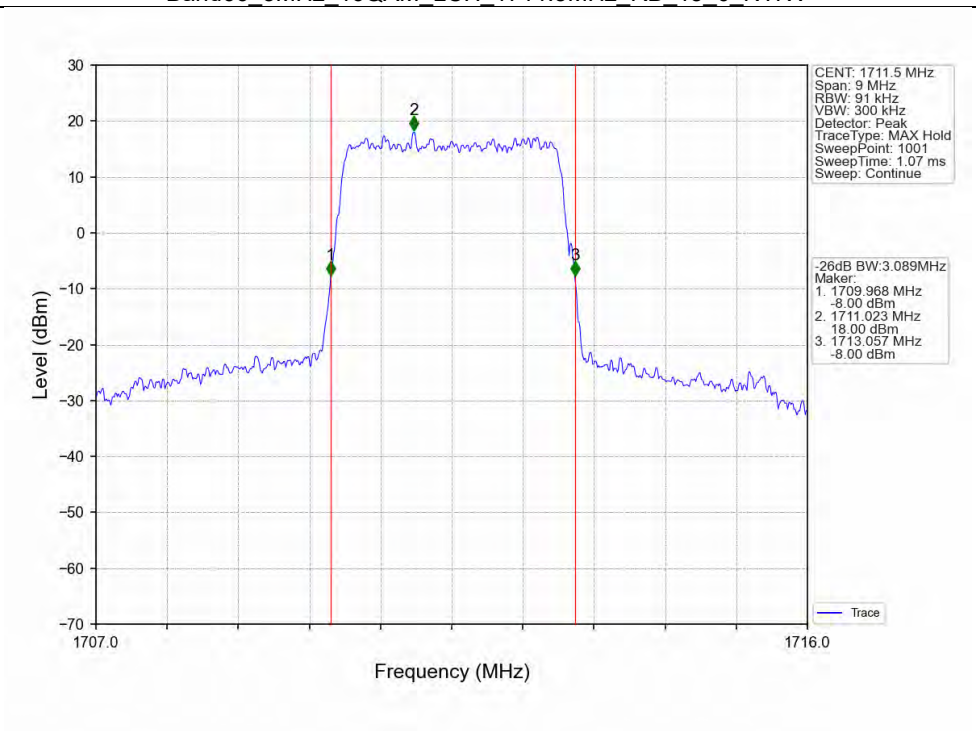

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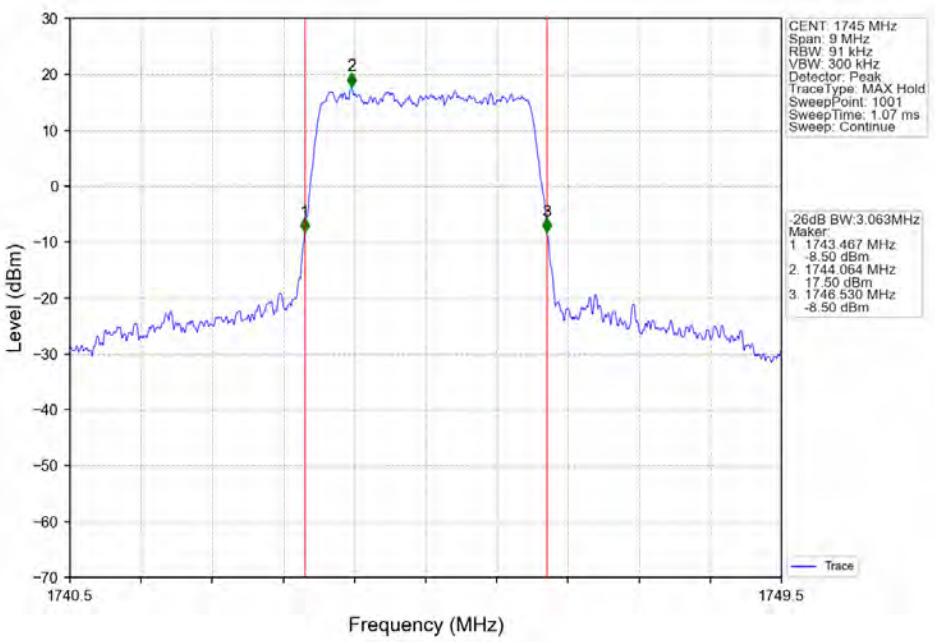

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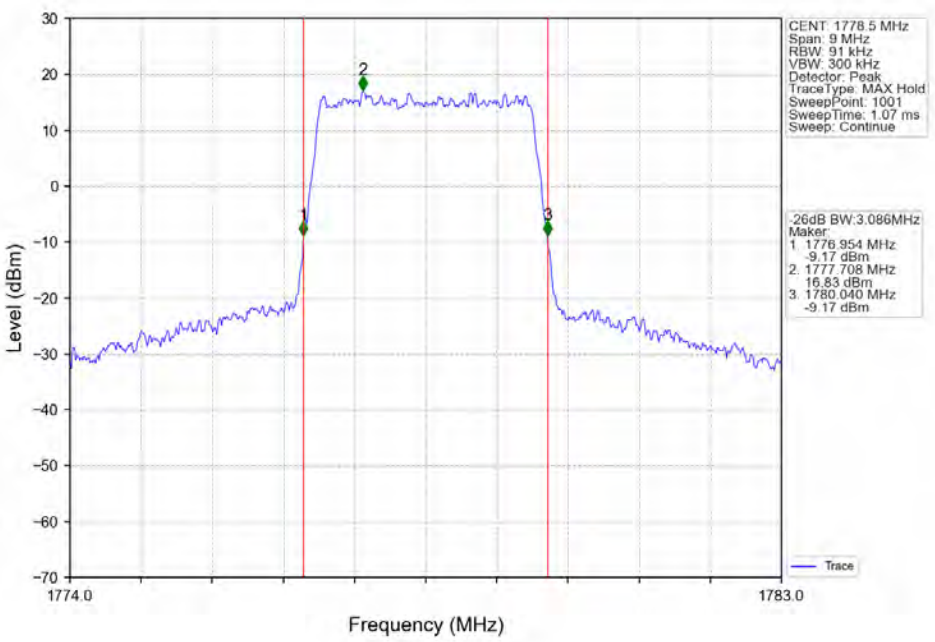

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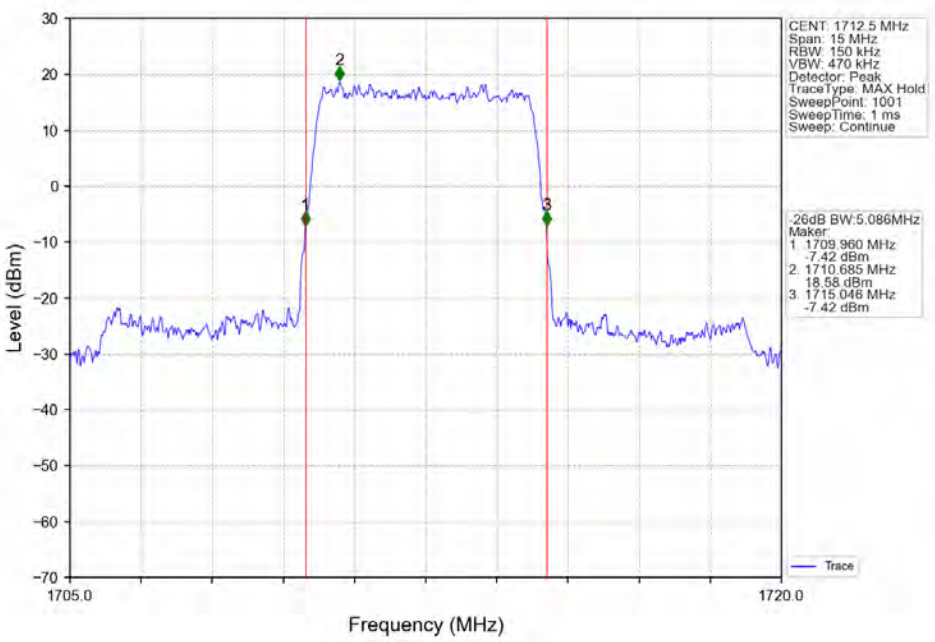

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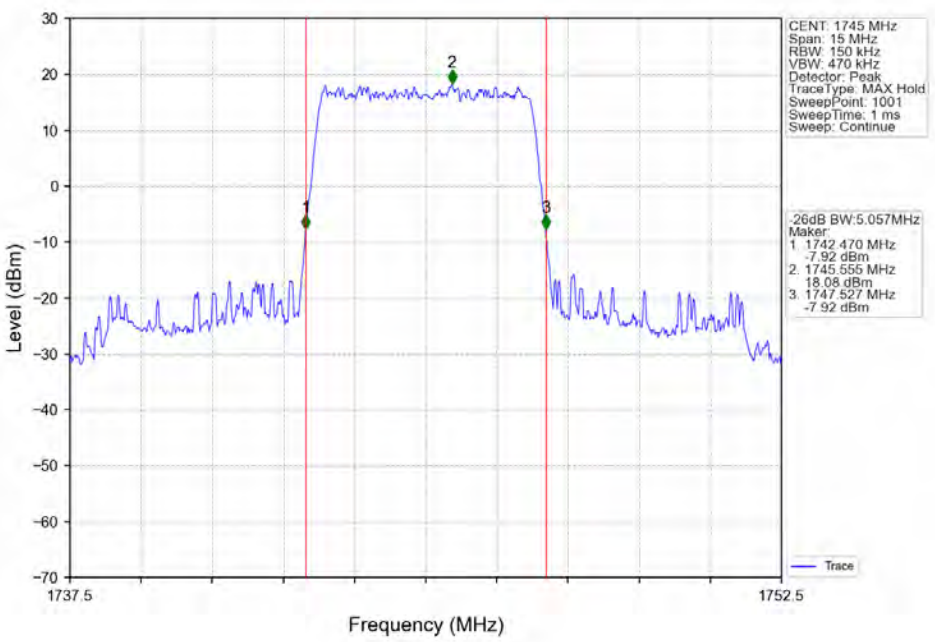
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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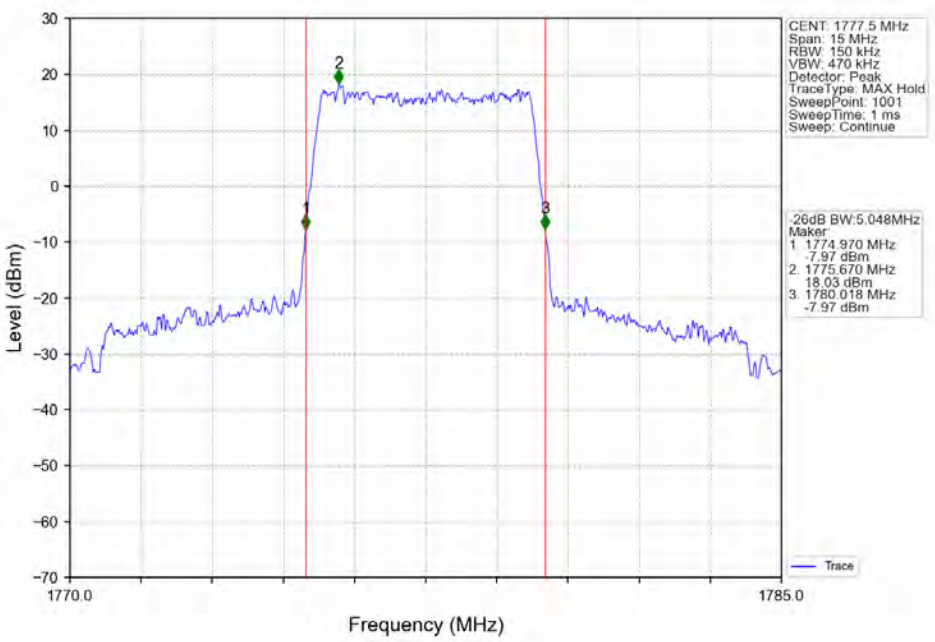
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



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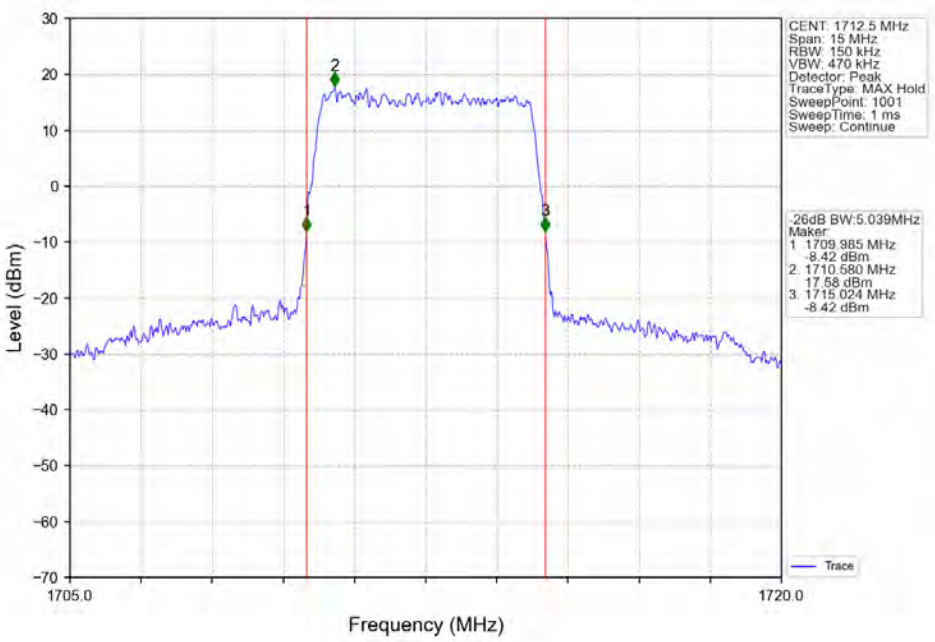

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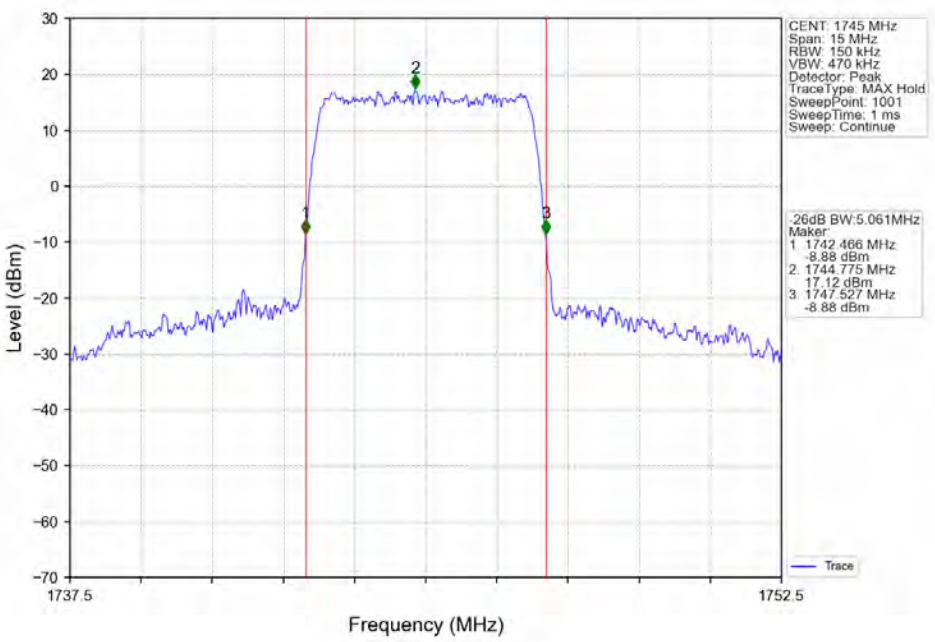
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



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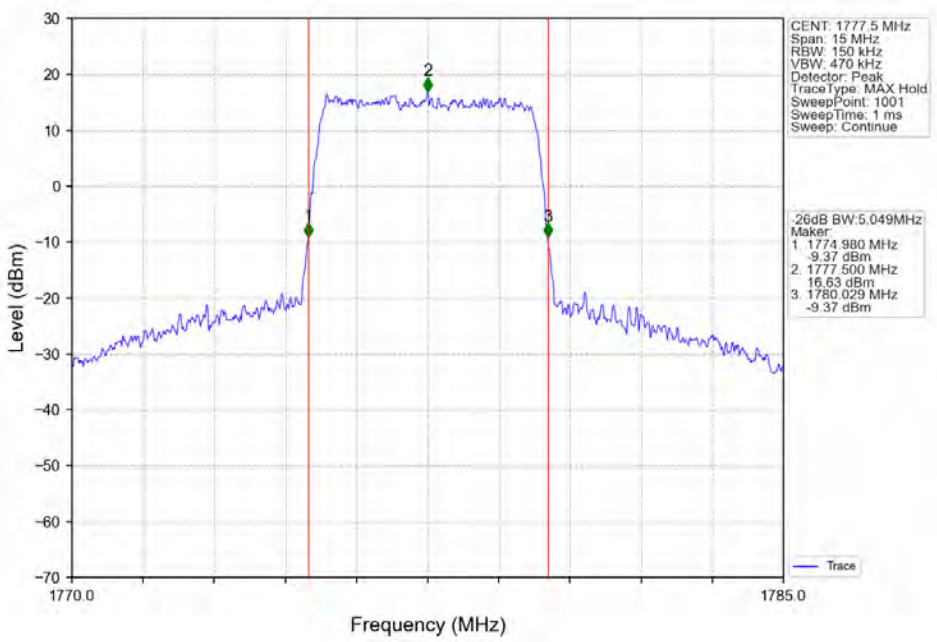

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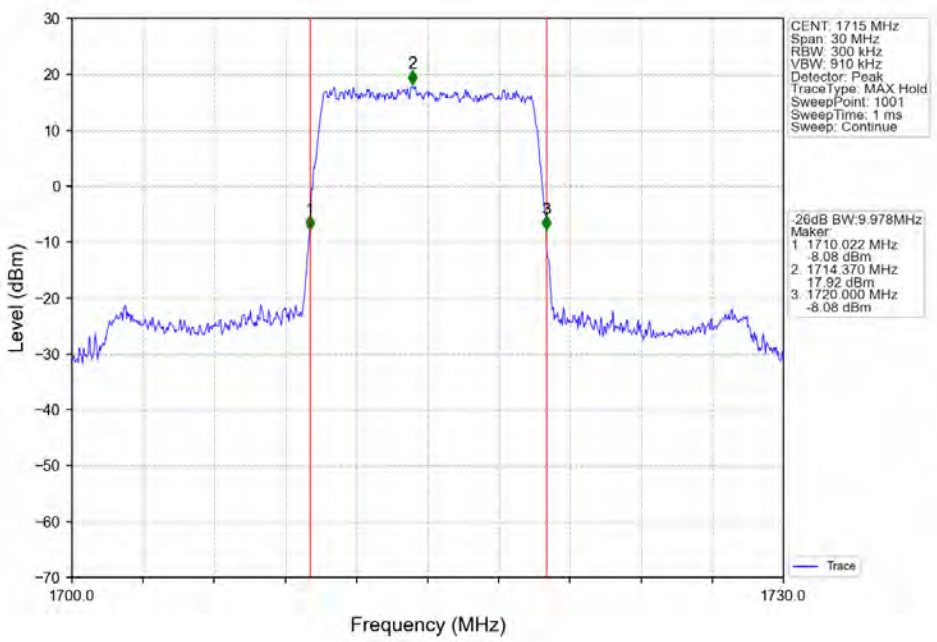

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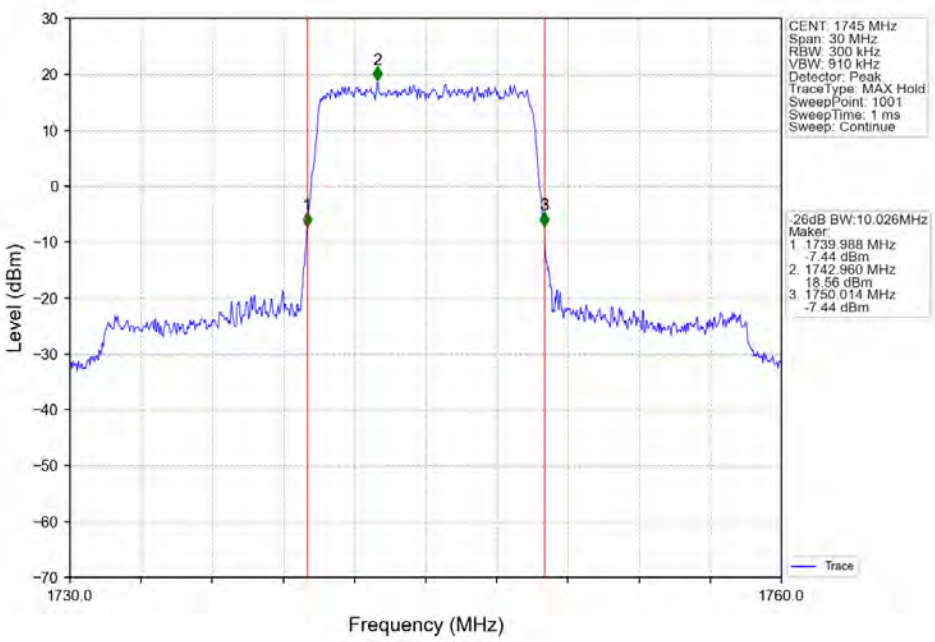

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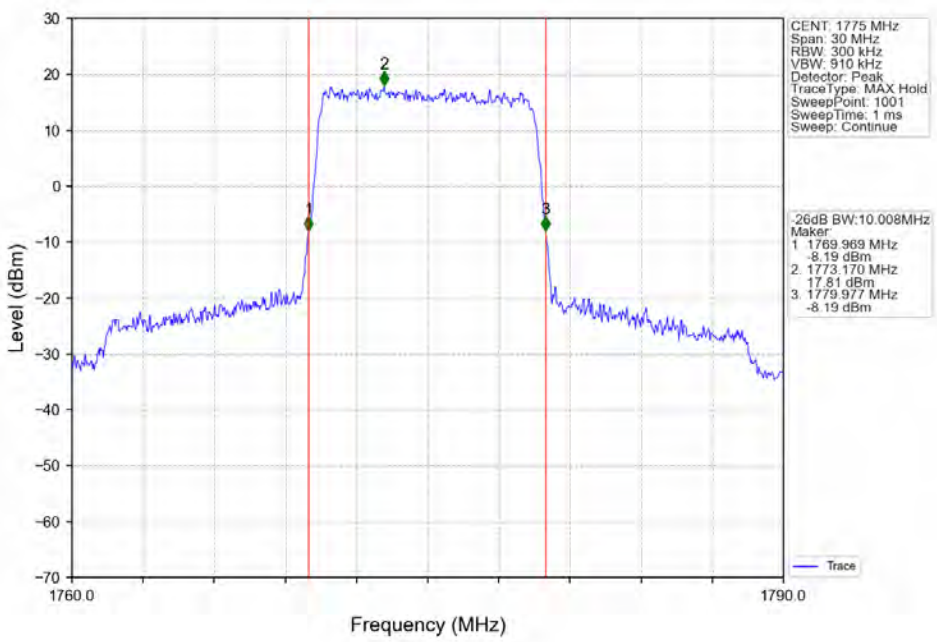

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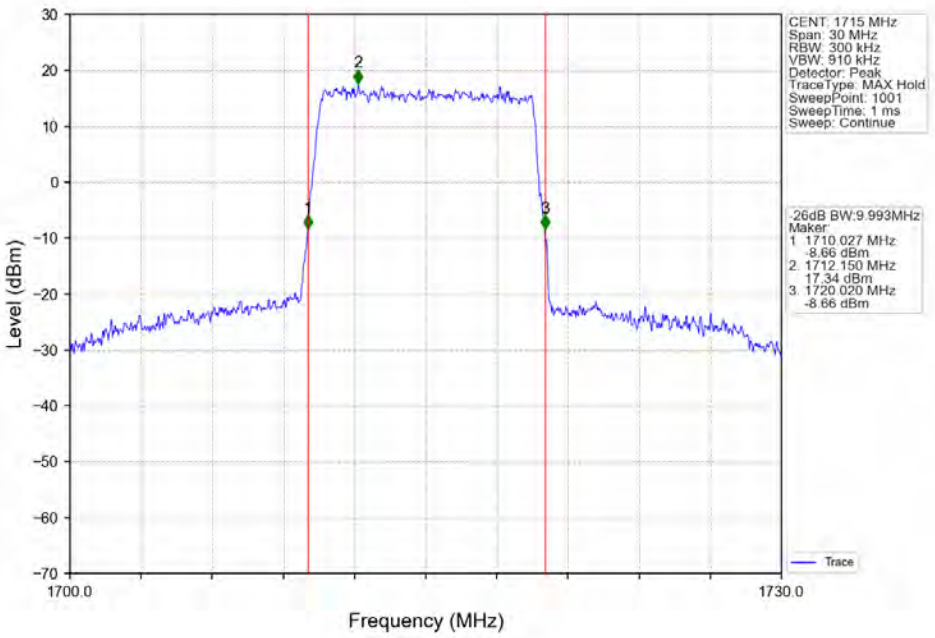

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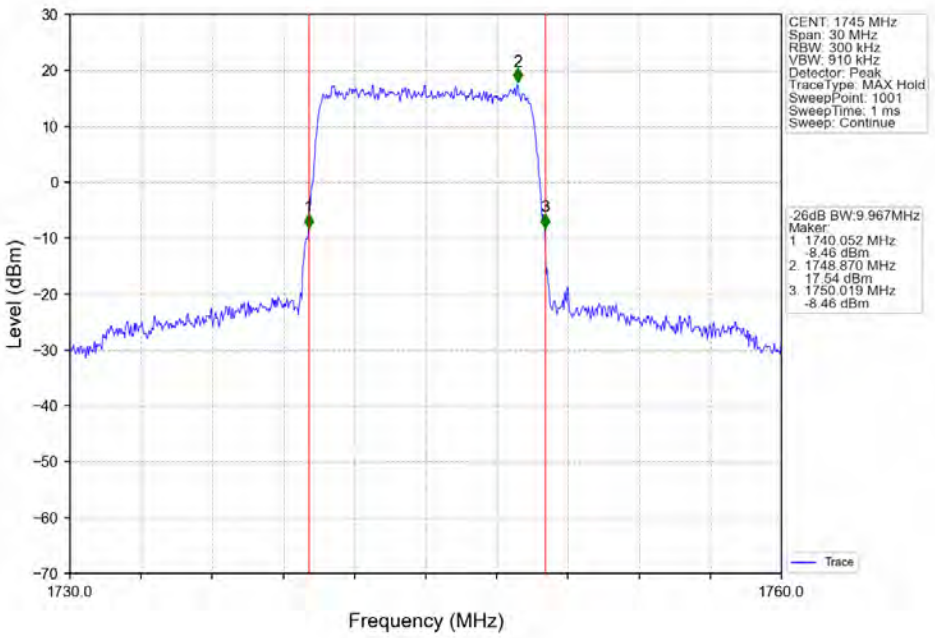

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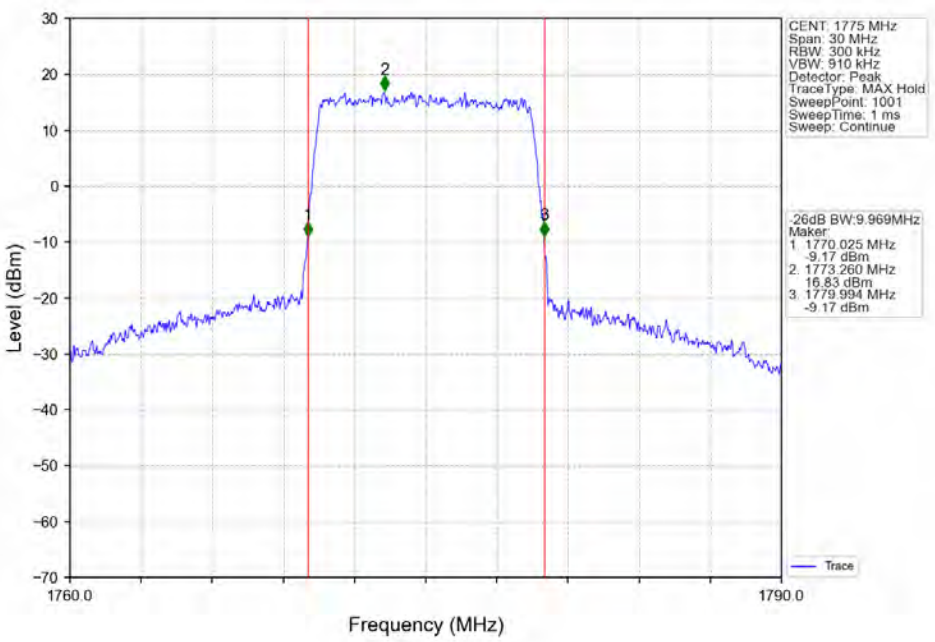

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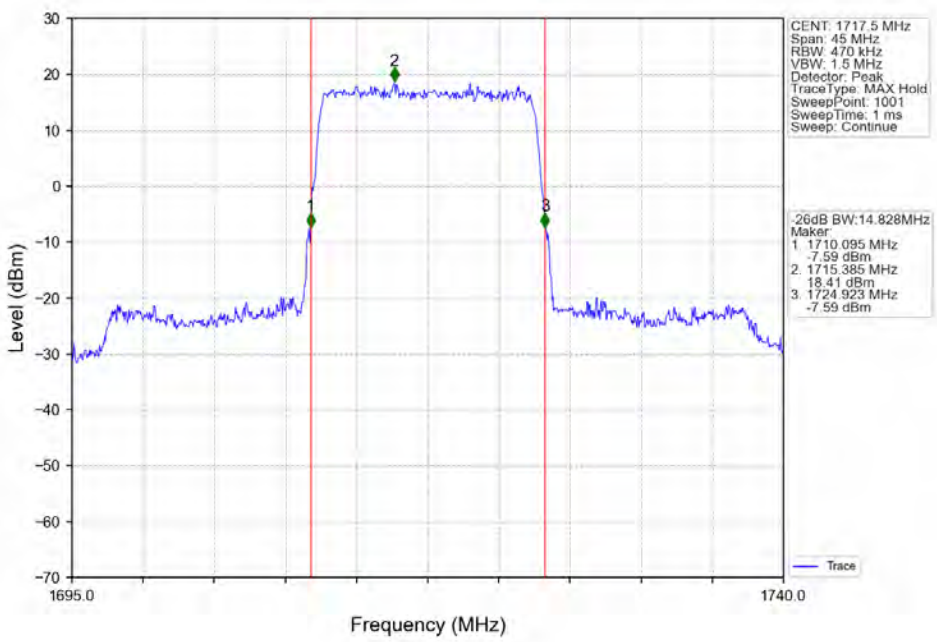

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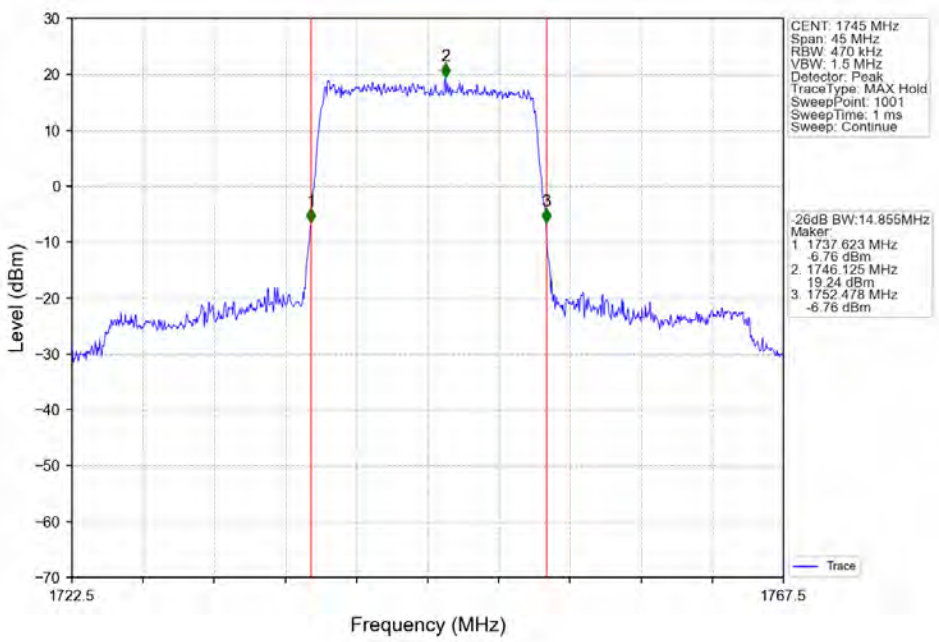
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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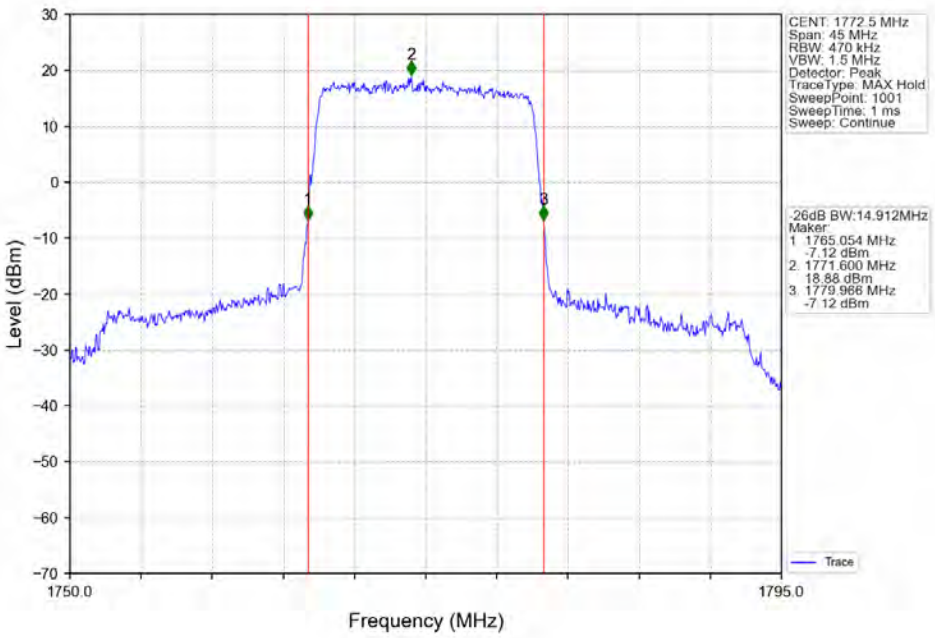
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



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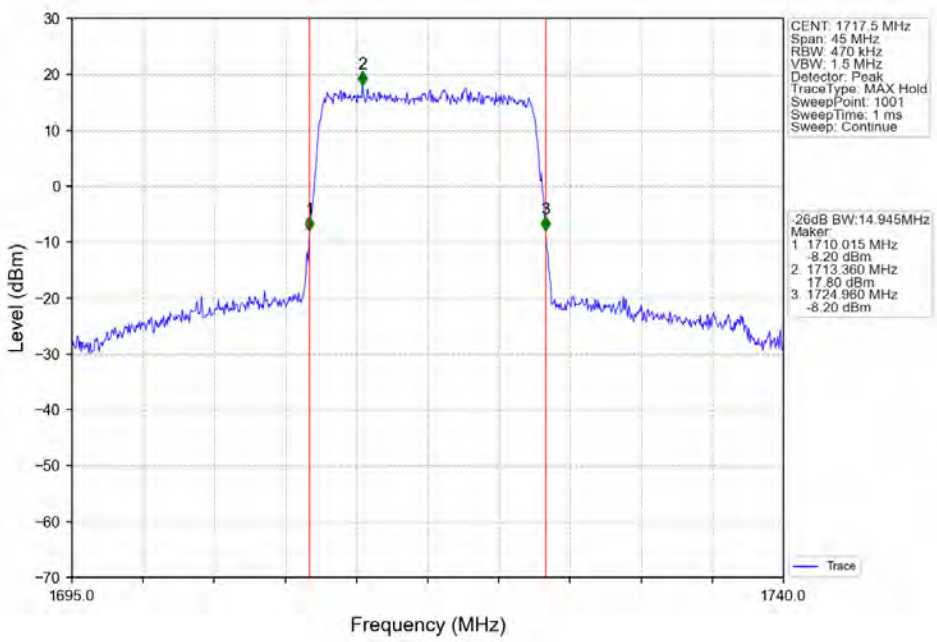

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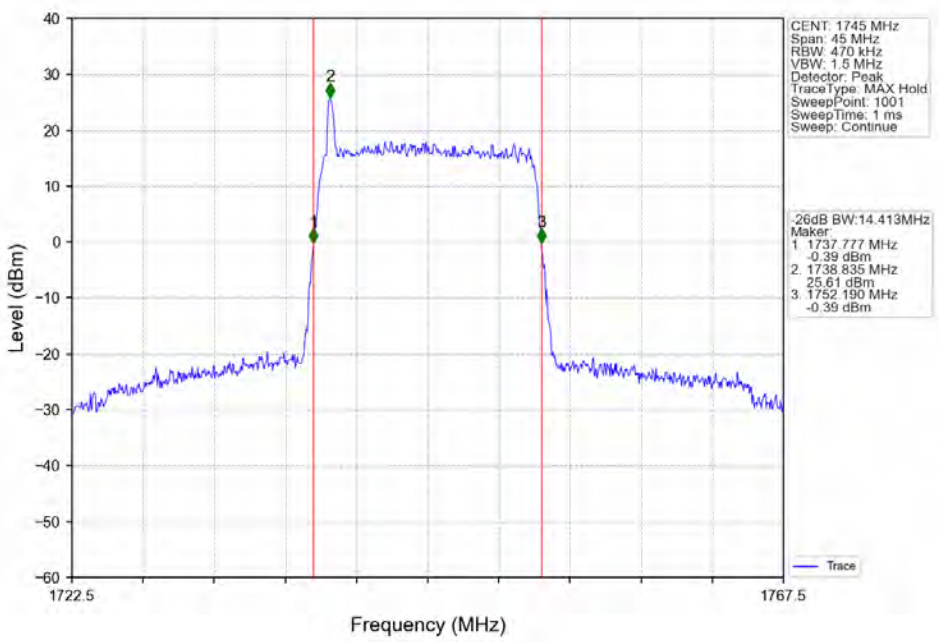

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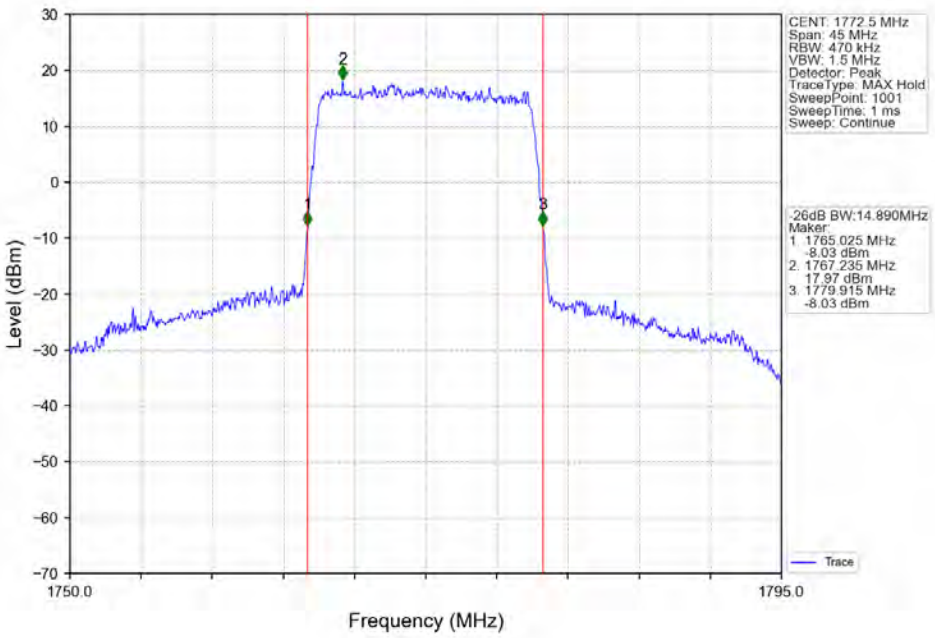

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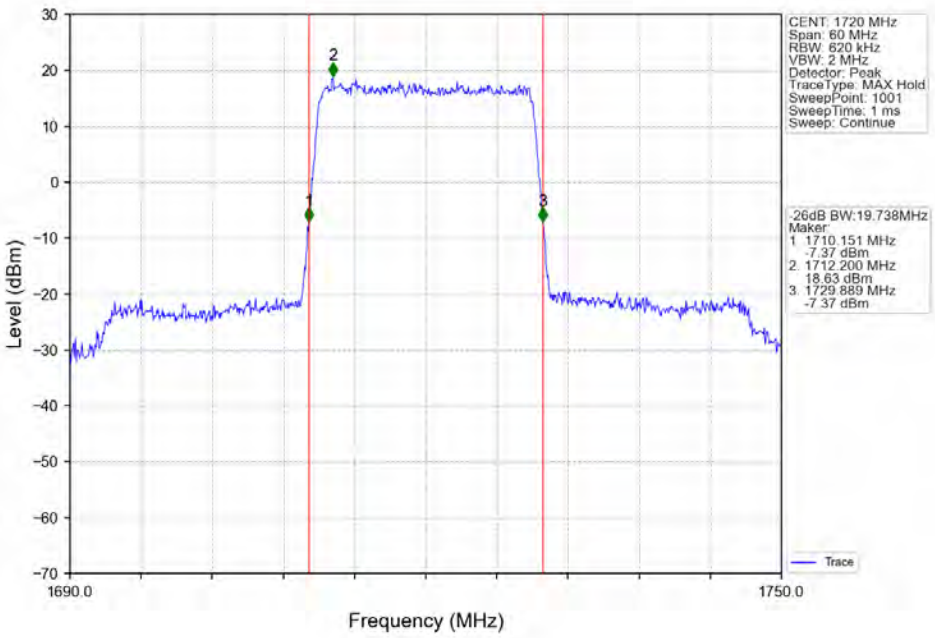

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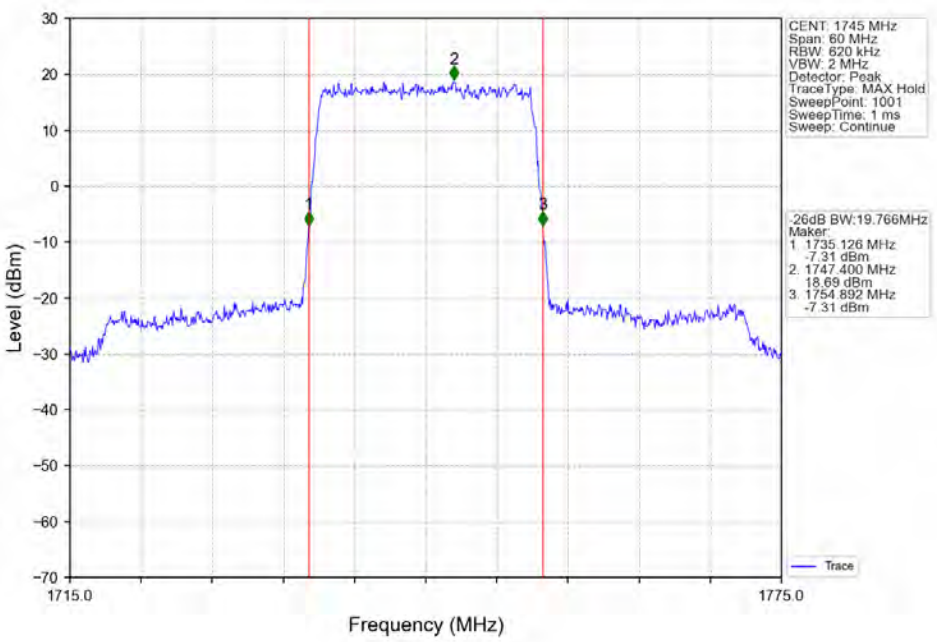

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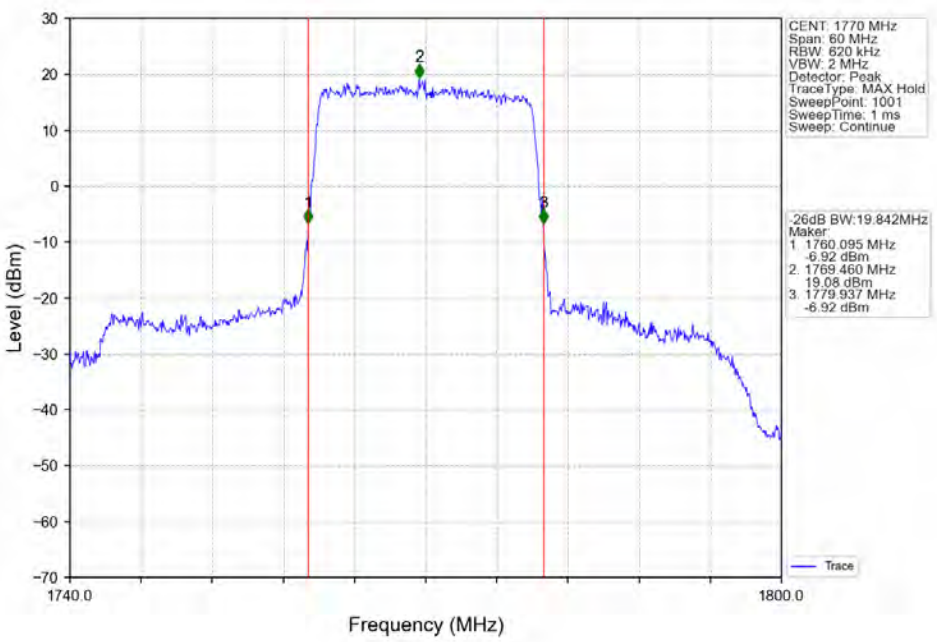
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



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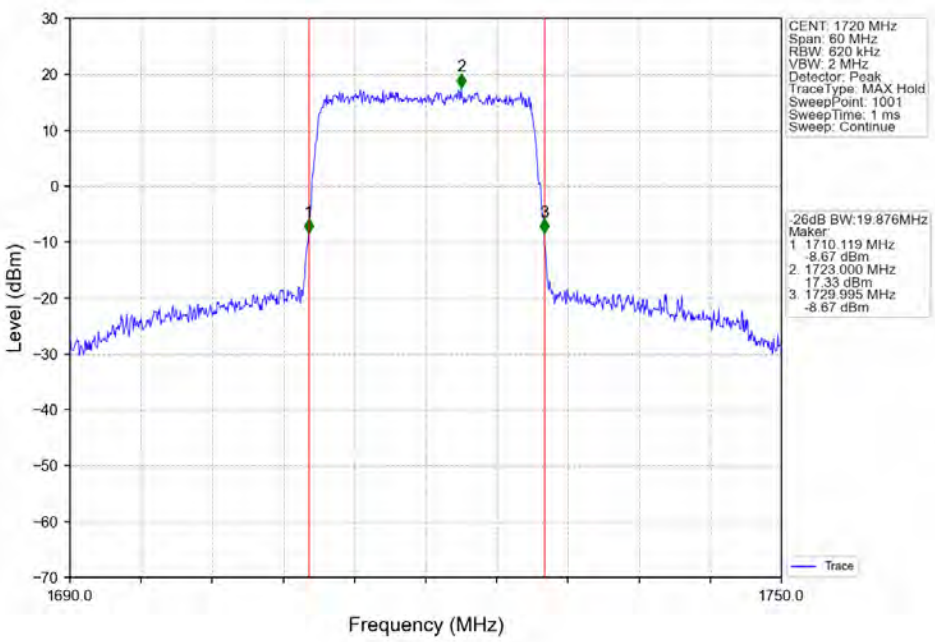

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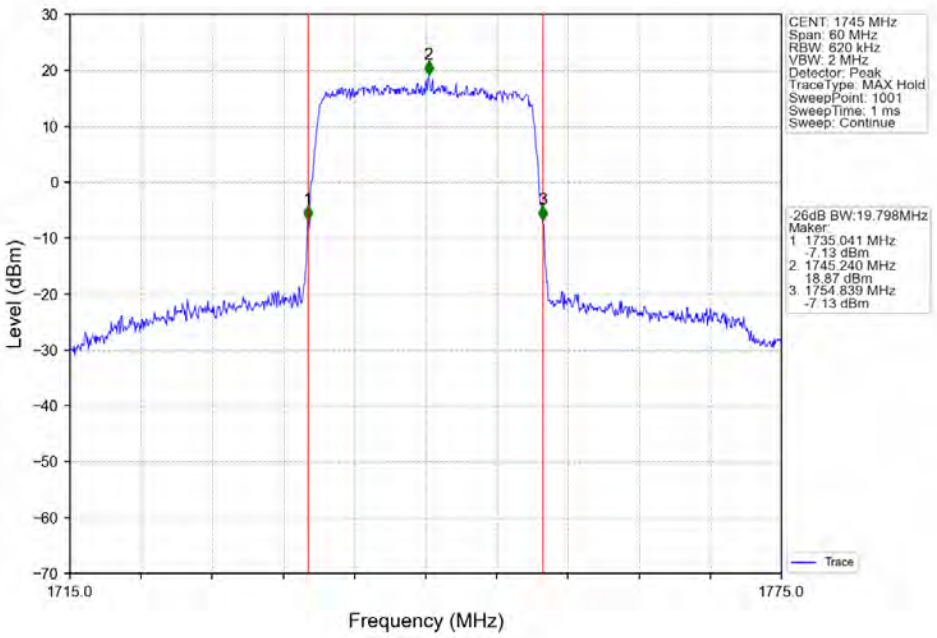

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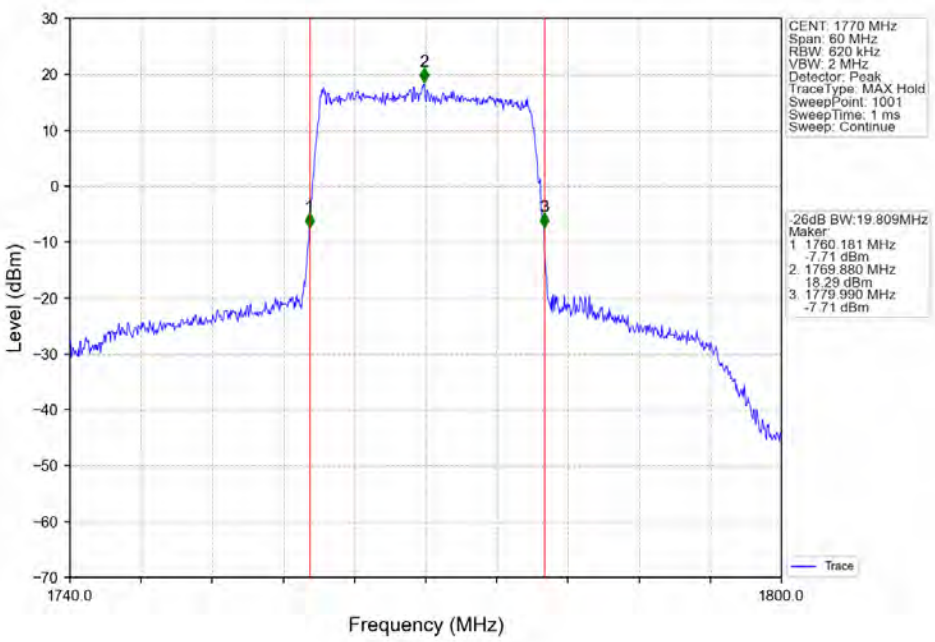

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4. Peak-Average Ratio

4.1 B66_1.4MHz

4.1.1 Test Result

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	5.41	<=13	Pass
	1745	6	0	5.25	<=13	Pass
	1779.3	6	0	5.11	<=13	Pass
16QAM	1710.7	6	0	6.29	<=13	Pass
	1745	6	0	6.06	<=13	Pass
	1779.3	6	0	5.92	<=13	Pass

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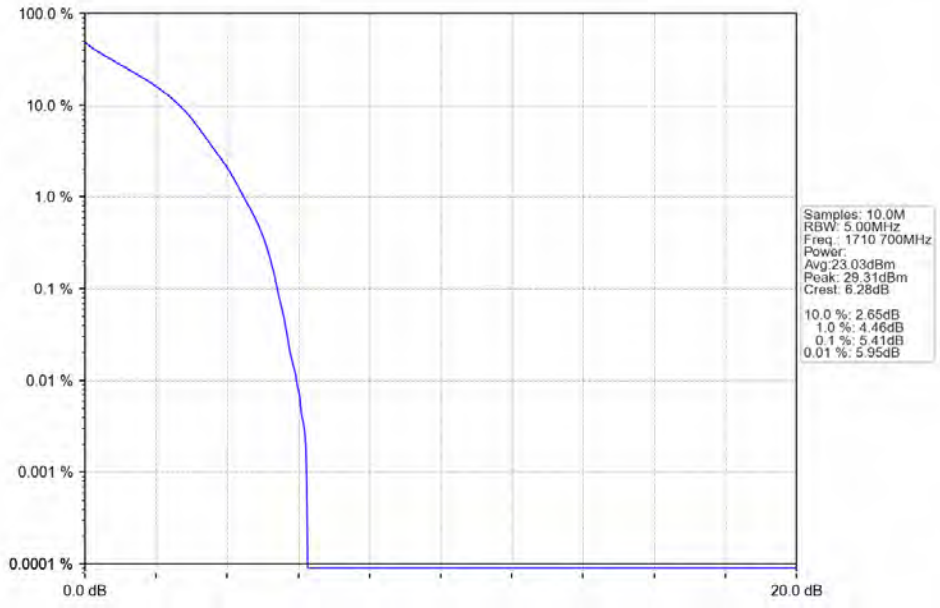
4.1.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



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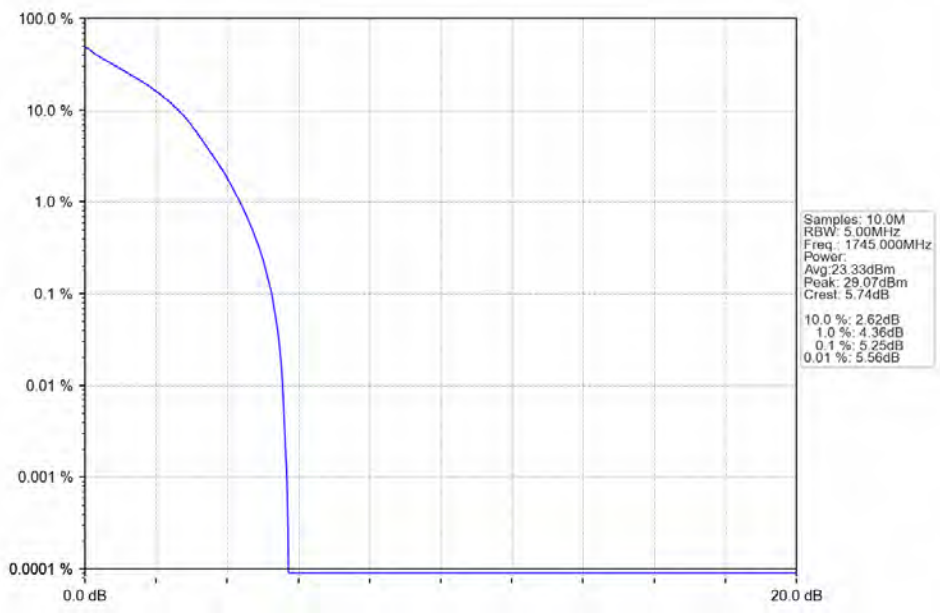
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



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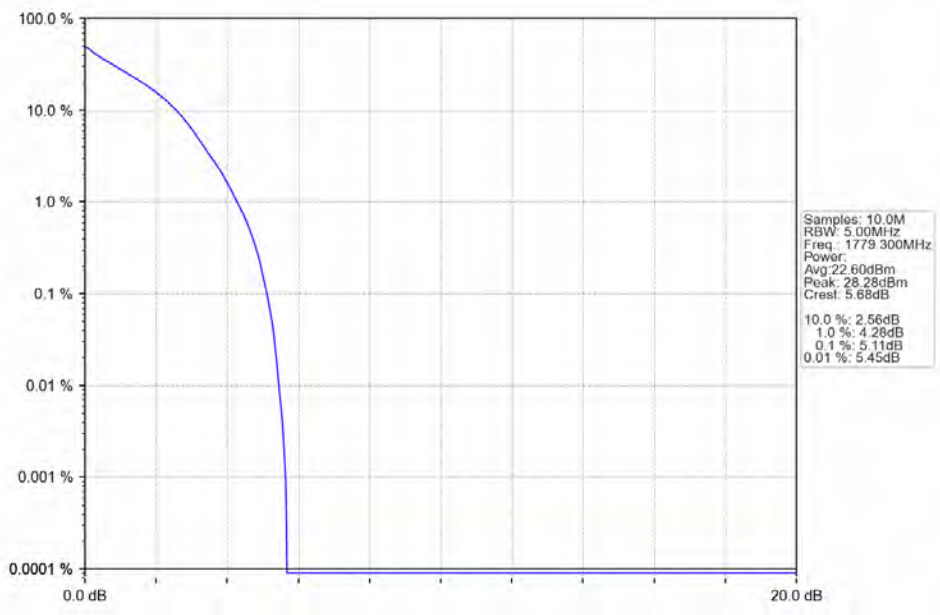
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



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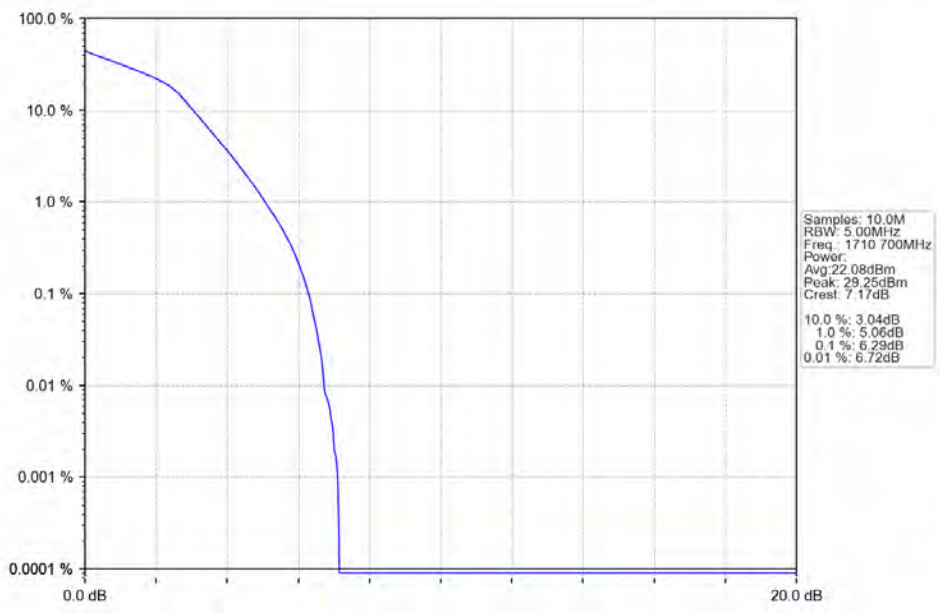
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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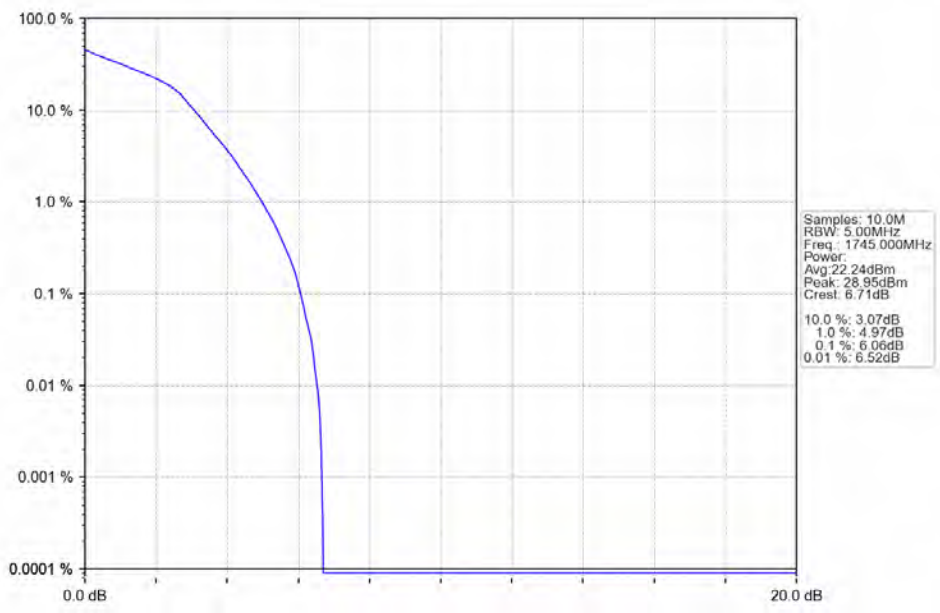

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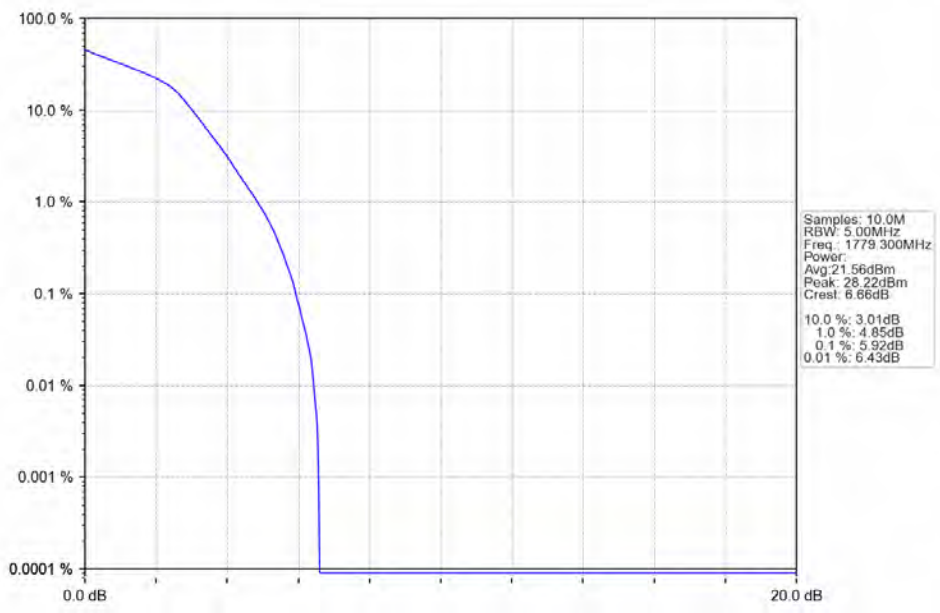

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4.2 B66_3MHz

4.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.57	<=13	Pass
	1745	15	0	5.29	<=13	Pass
	1778.5	15	0	5.18	<=13	Pass
16QAM	1711.5	15	0	6.40	<=13	Pass
	1745	15	0	6.12	<=13	Pass
	1778.5	15	0	5.99	<=13	Pass

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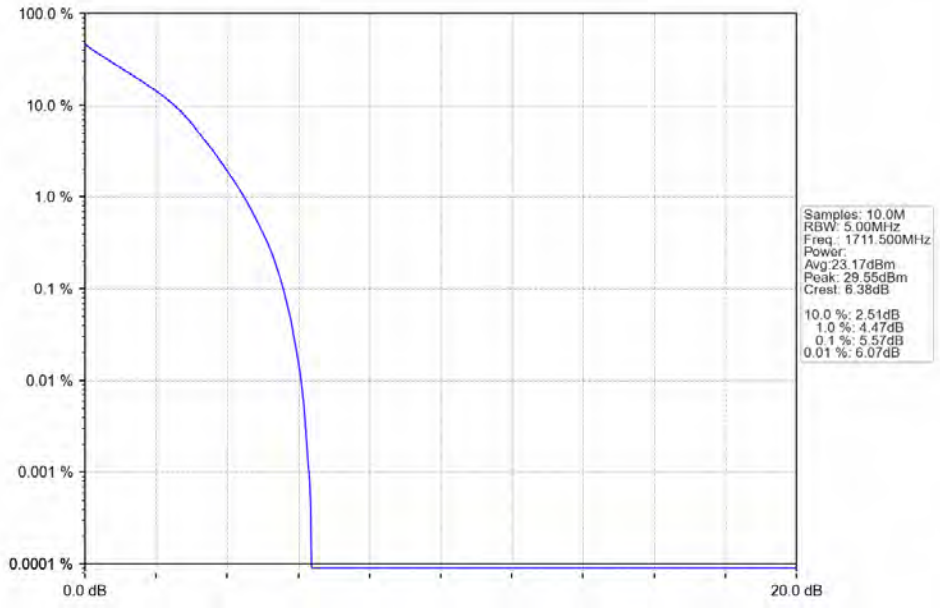
4.2.2 Test Graph

Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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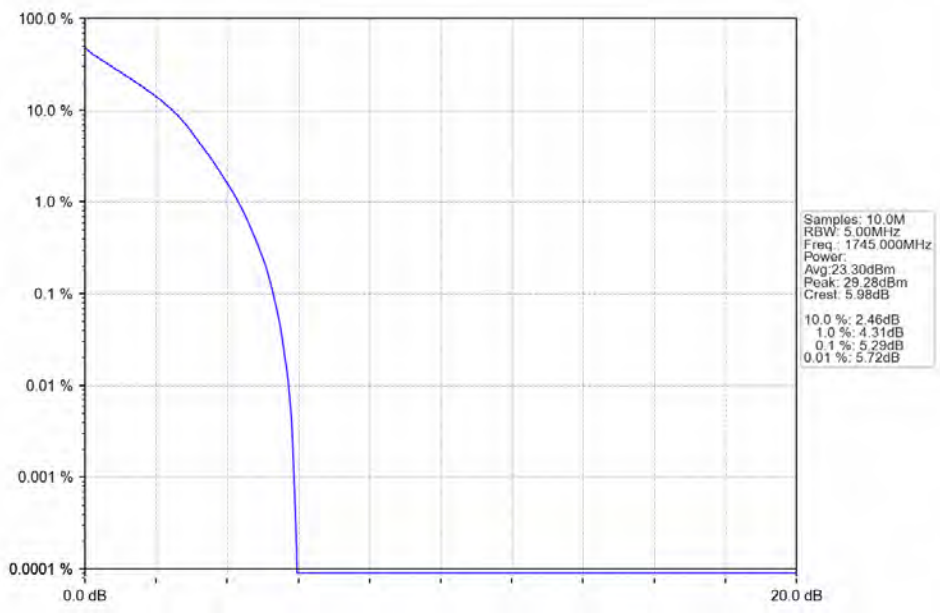

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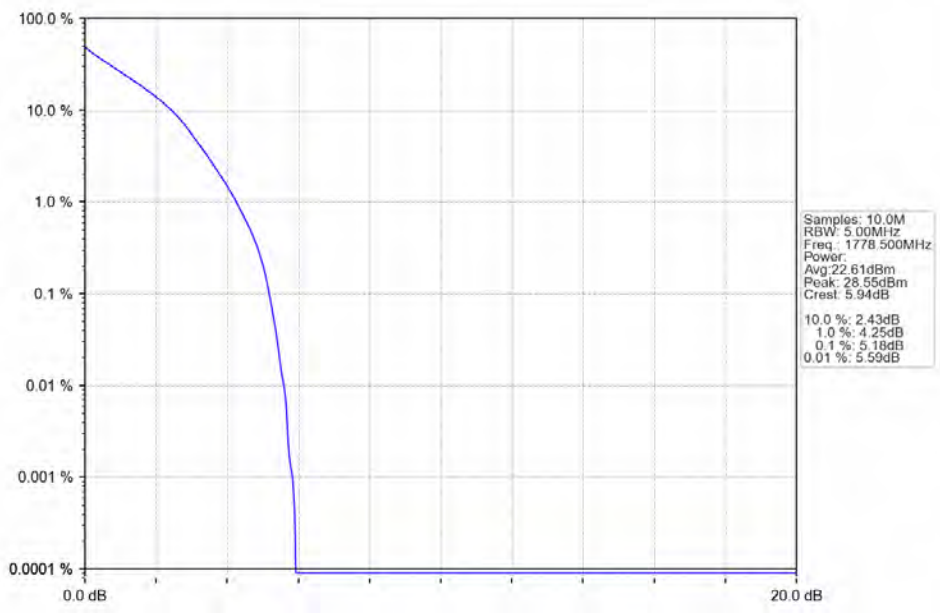

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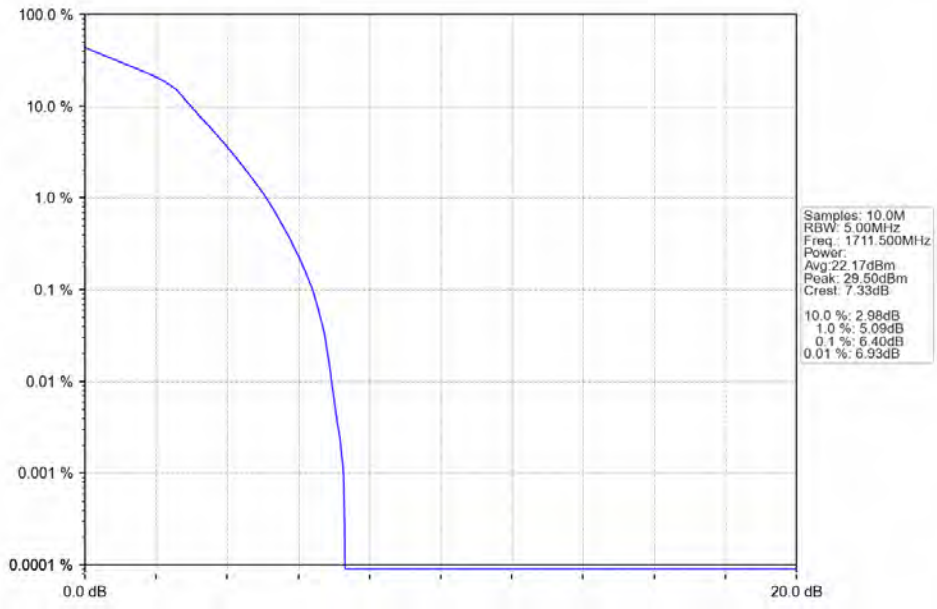

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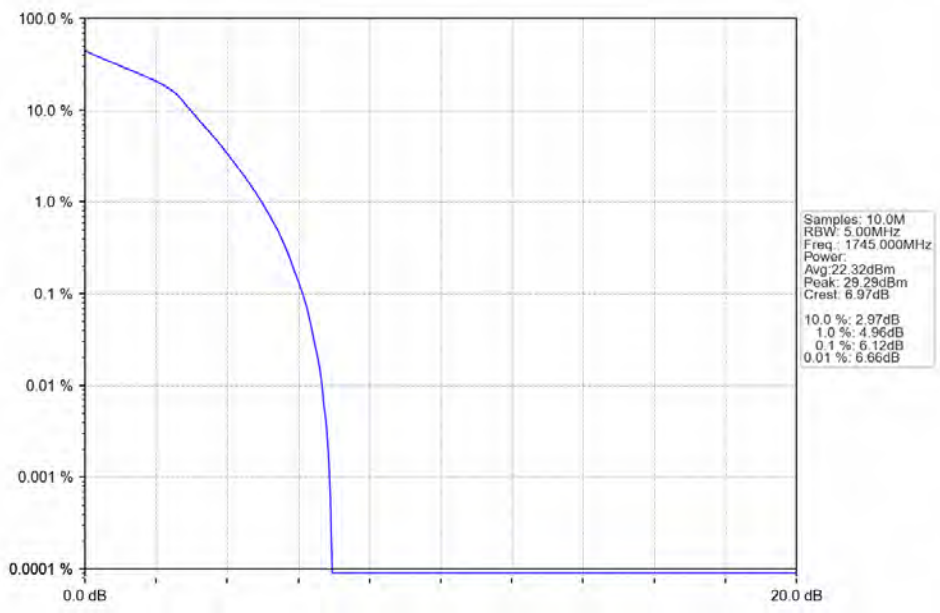

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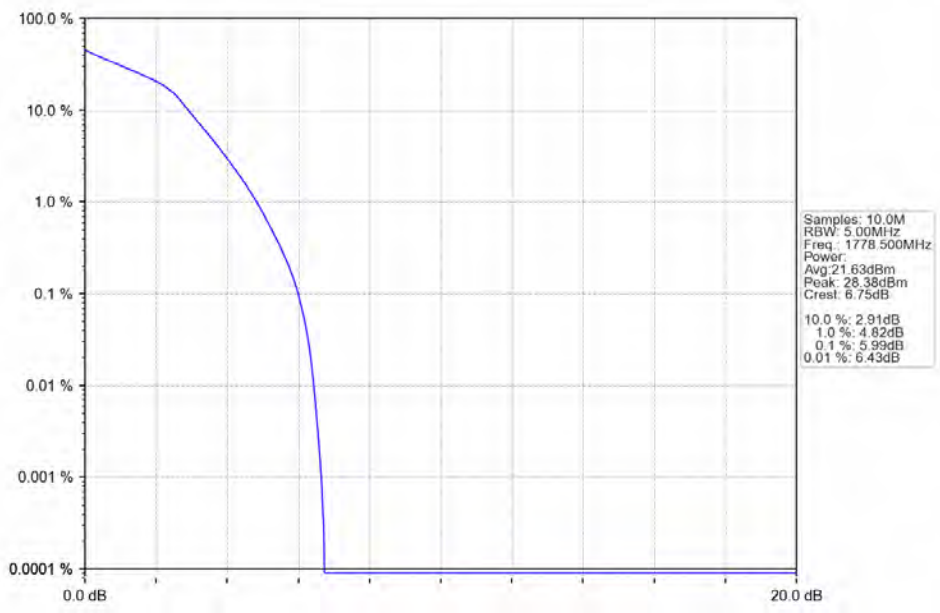

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4.3 B66_5MHz

4.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.65	<=13	Pass
	1745	25	0	5.44	<=13	Pass
	1777.5	25	0	5.31	<=13	Pass
16QAM	1712.5	25	0	6.37	<=13	Pass
	1745	25	0	6.19	<=13	Pass
	1777.5	25	0	6.05	<=13	Pass

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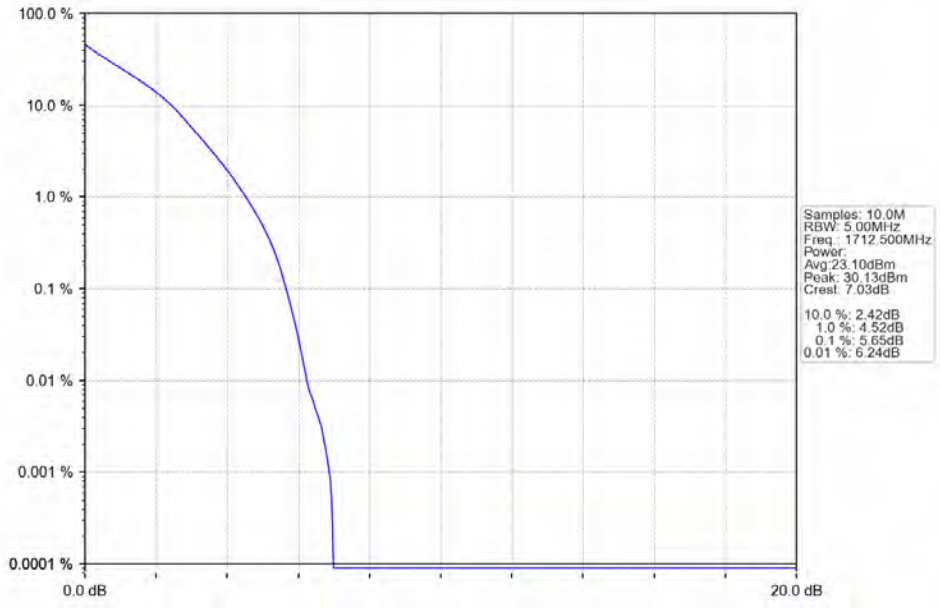
4.3.2 Test Graph

Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



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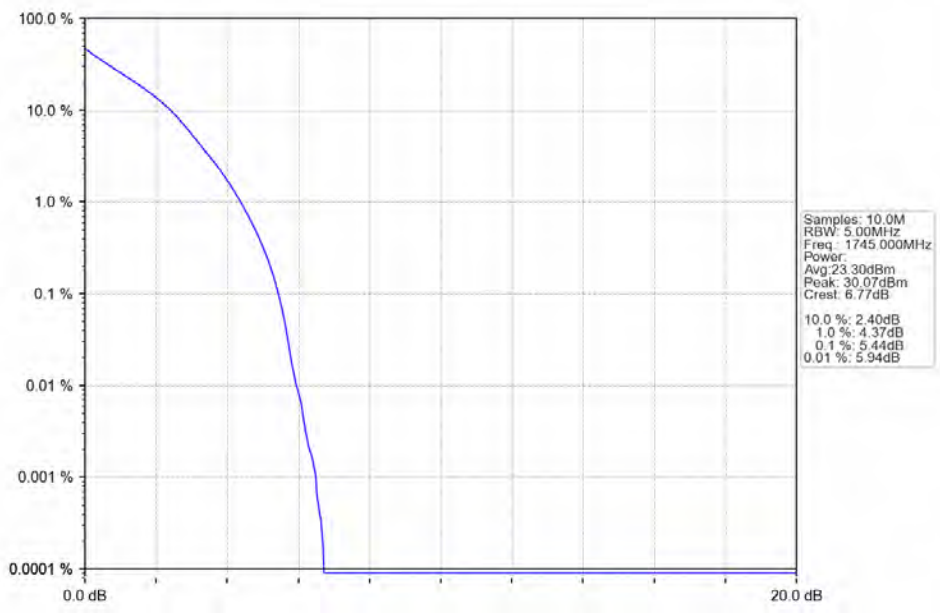
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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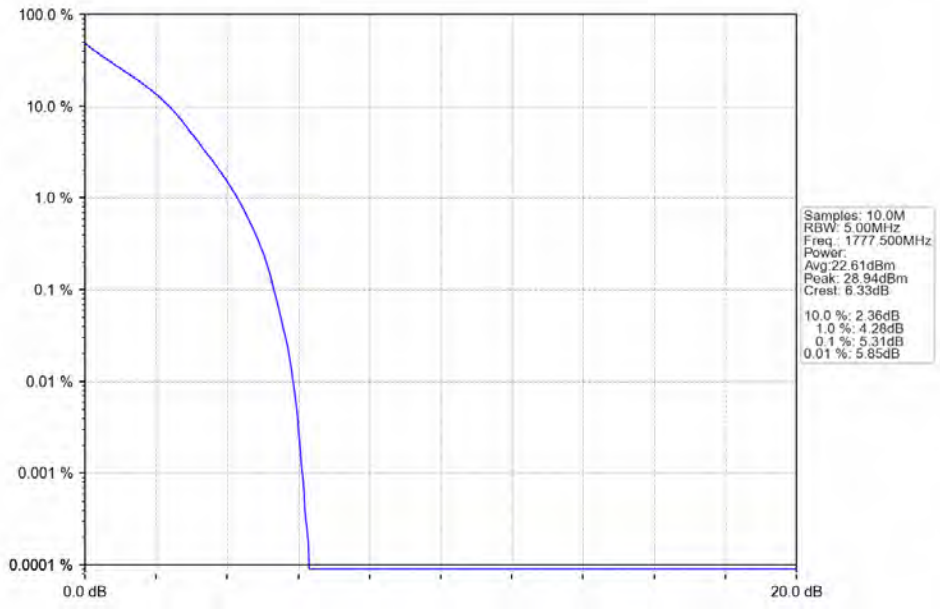

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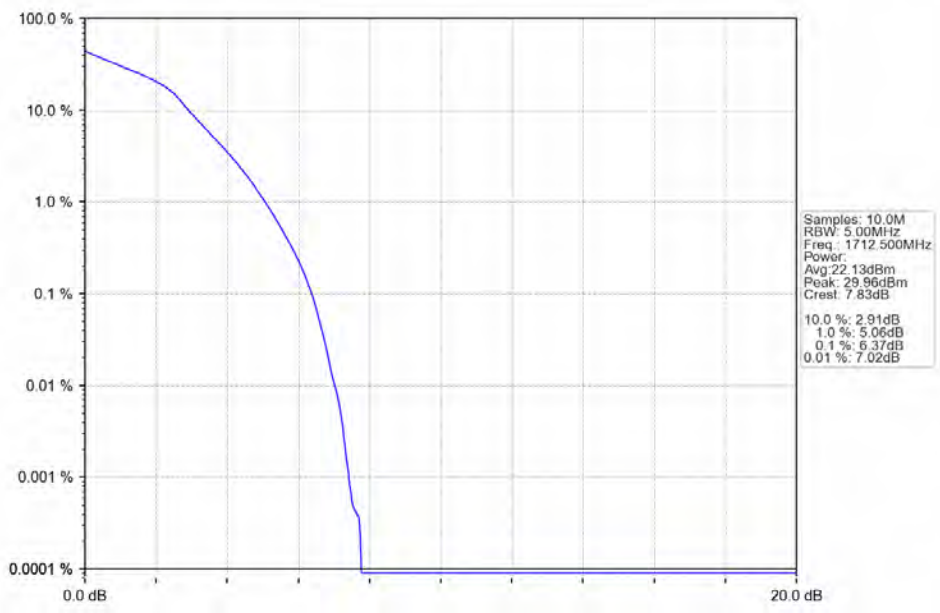

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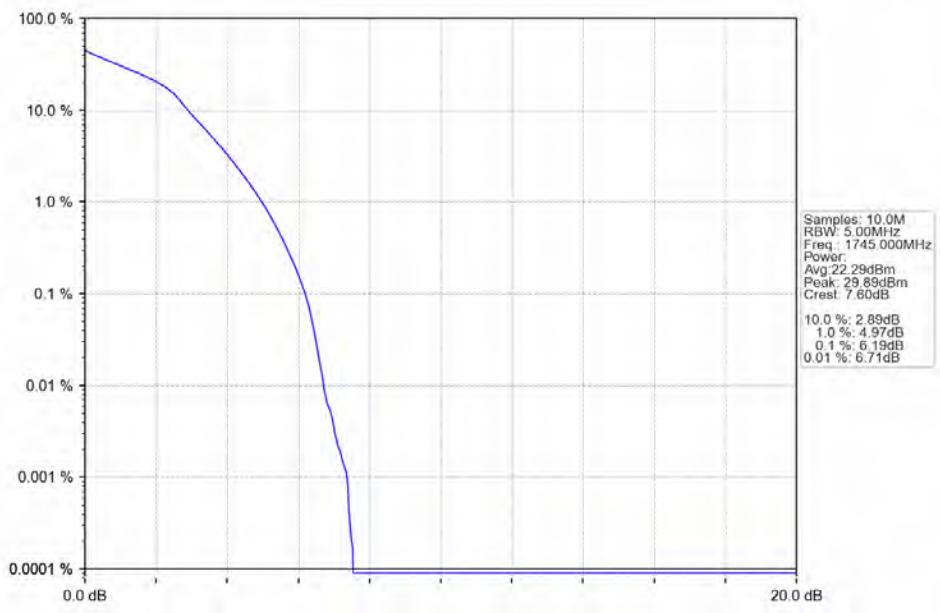

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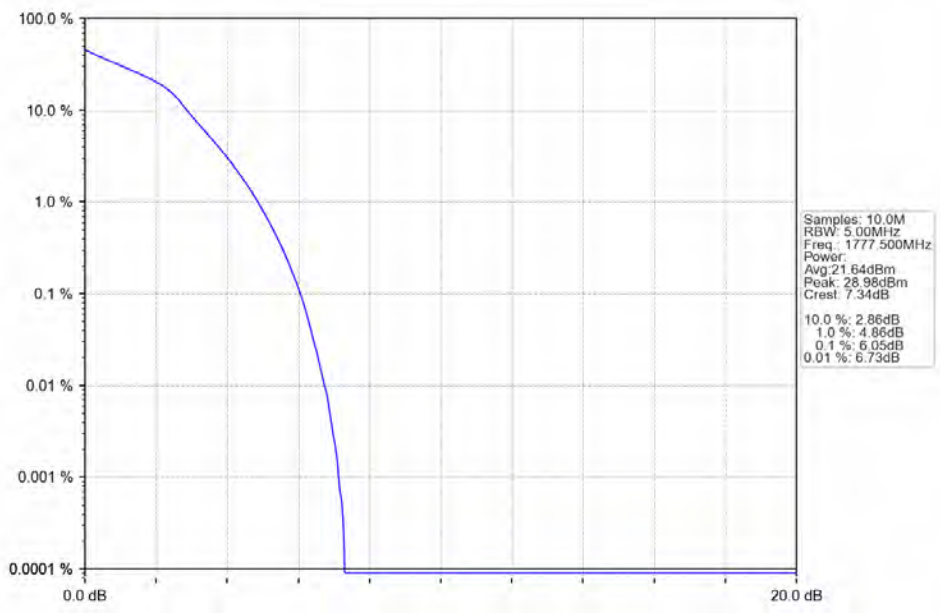

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4.4 B66_10MHz

4.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.62	<=13	Pass
	1745	50	0	5.36	<=13	Pass
	1775	50	0	5.28	<=13	Pass
16QAM	1715	50	0	6.40	<=13	Pass
	1745	50	0	6.17	<=13	Pass
	1775	50	0	6.07	<=13	Pass

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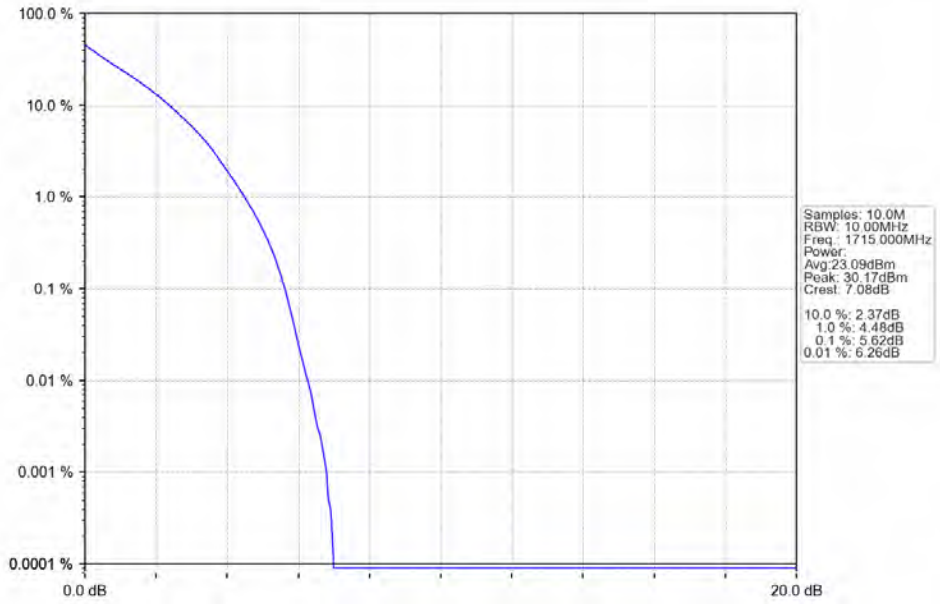
4.4.2 Test Graph

Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



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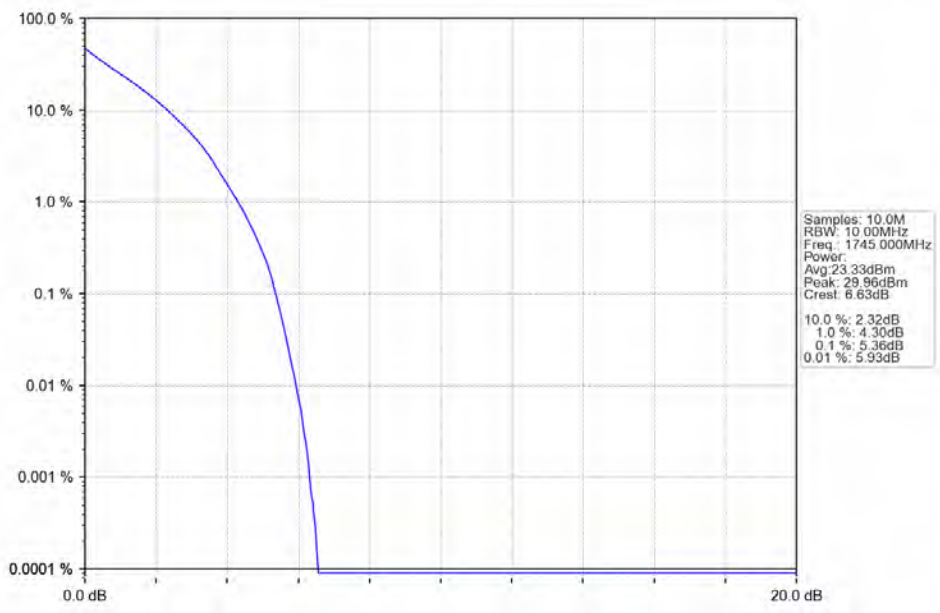

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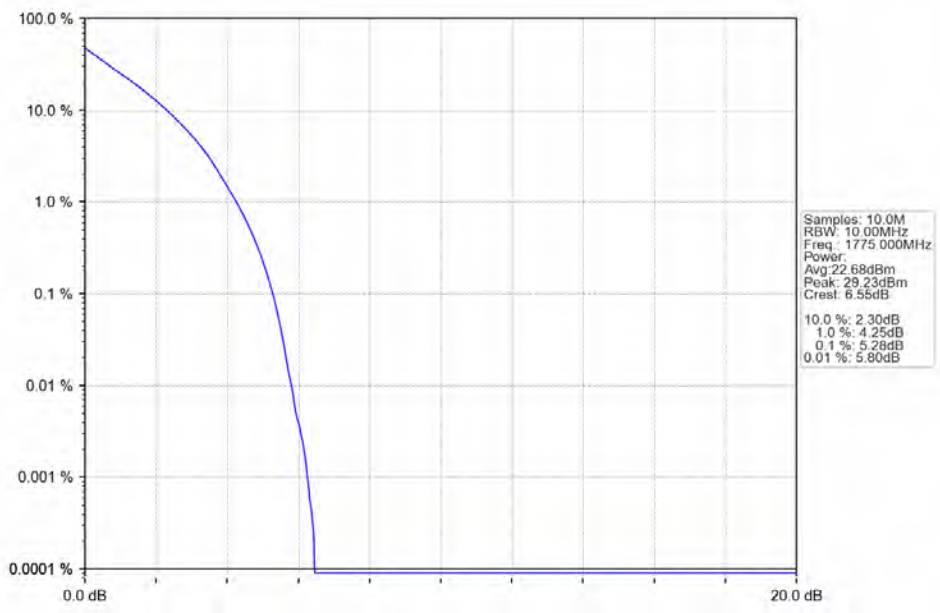
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



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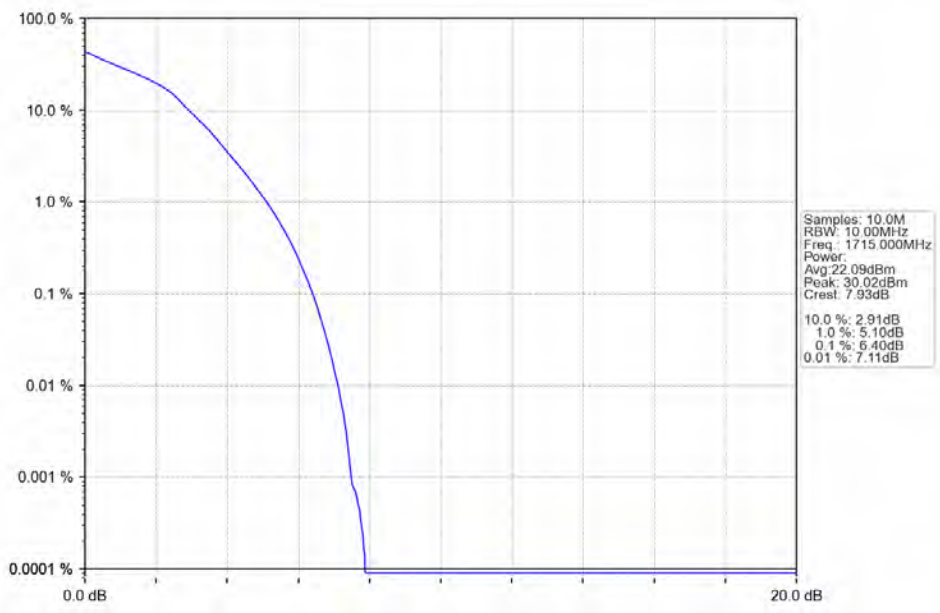

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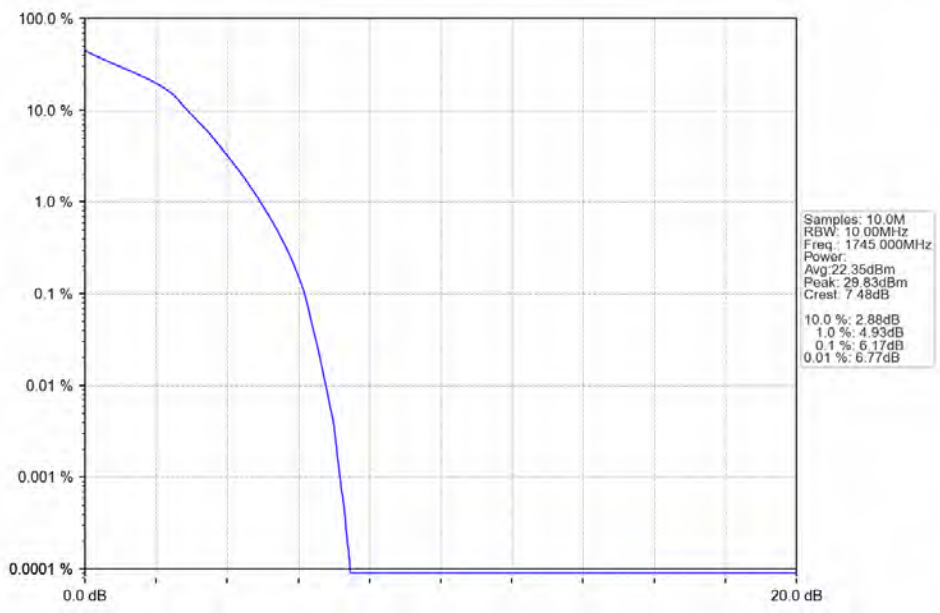

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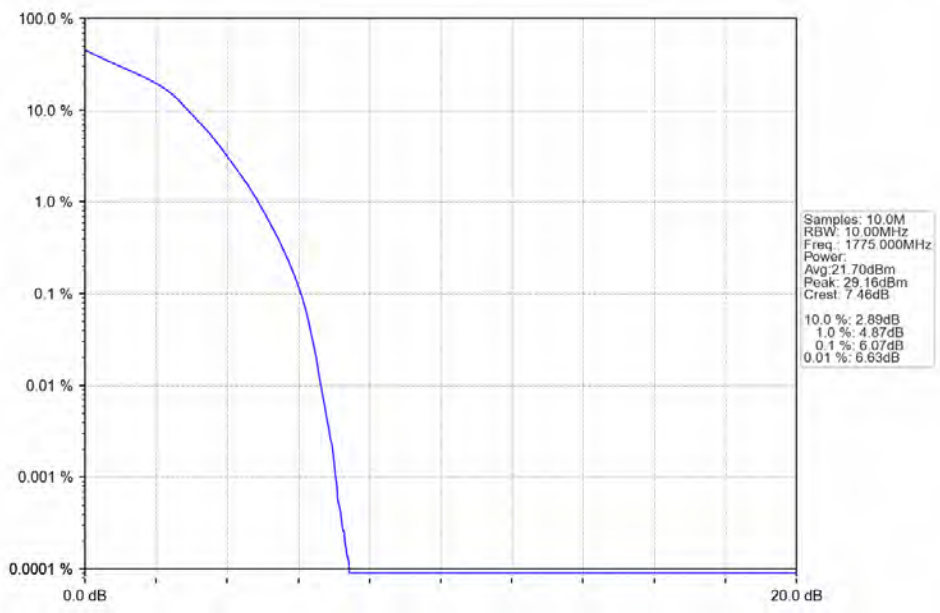

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4.5 B66_15MHz

4.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.83	<=13	Pass
	1745	75	0	5.46	<=13	Pass
	1772.5	75	0	5.39	<=13	Pass
16QAM	1717.5	75	0	6.49	<=13	Pass
	1745	75	0	6.15	<=13	Pass
	1772.5	75	0	6.07	<=13	Pass

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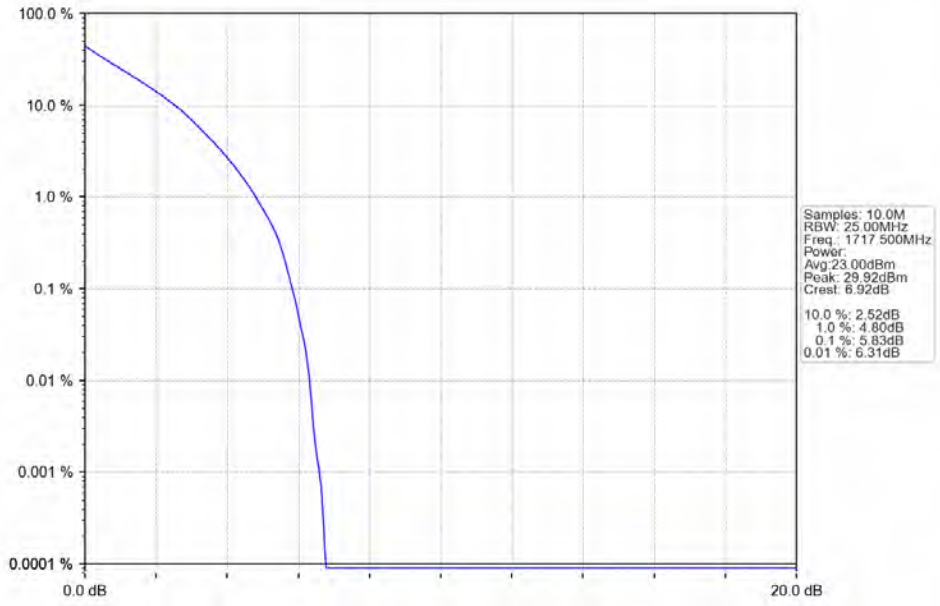
4.5.2 Test Graph

Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



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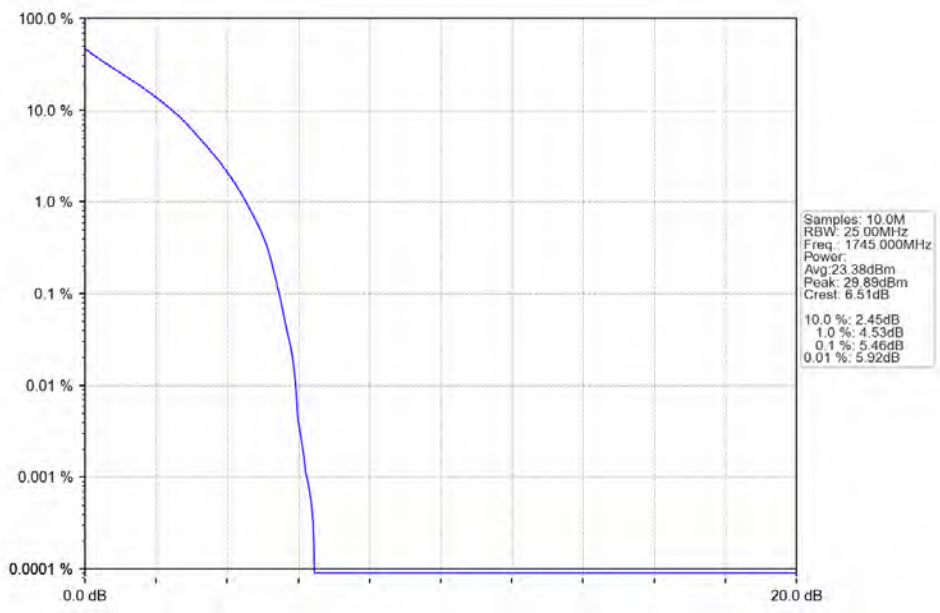
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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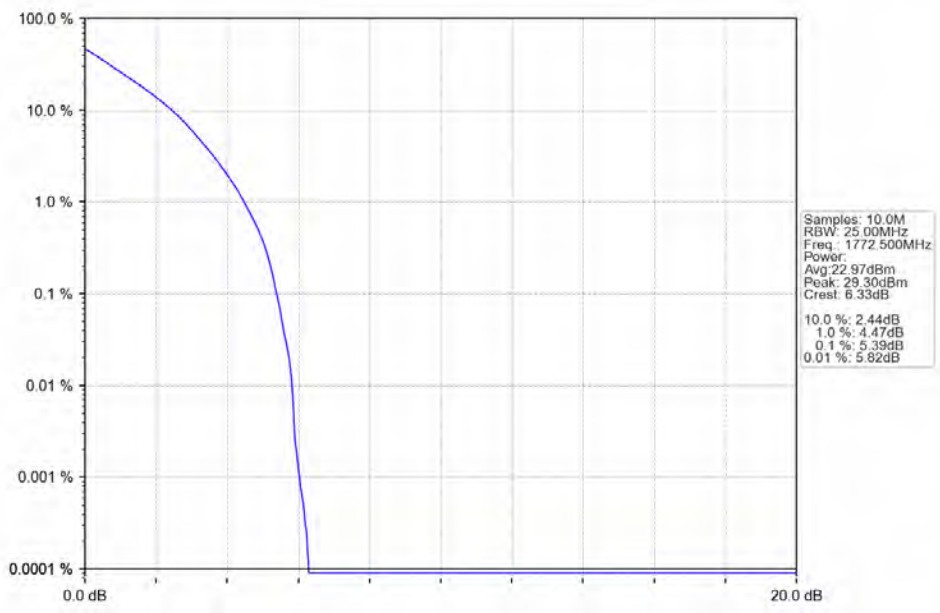

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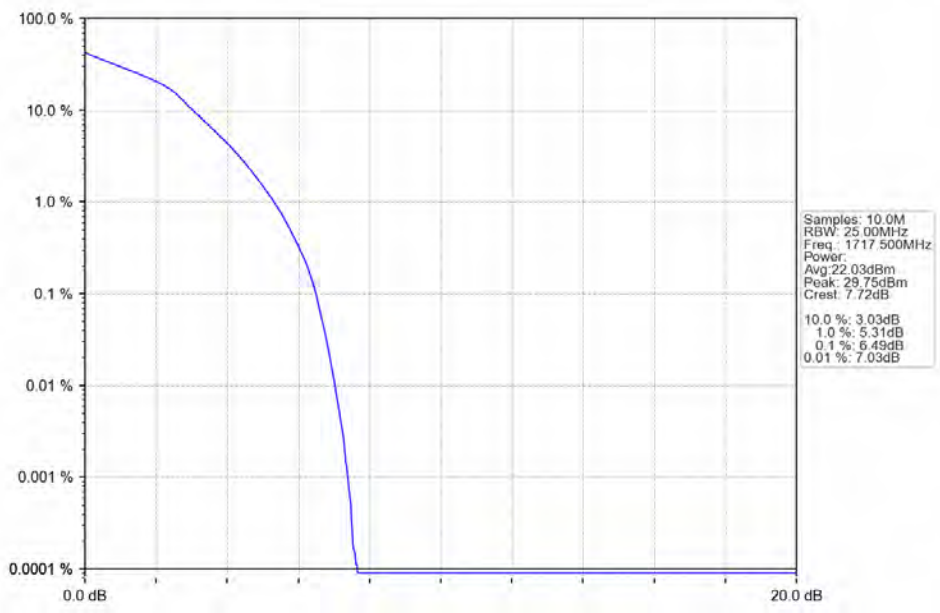

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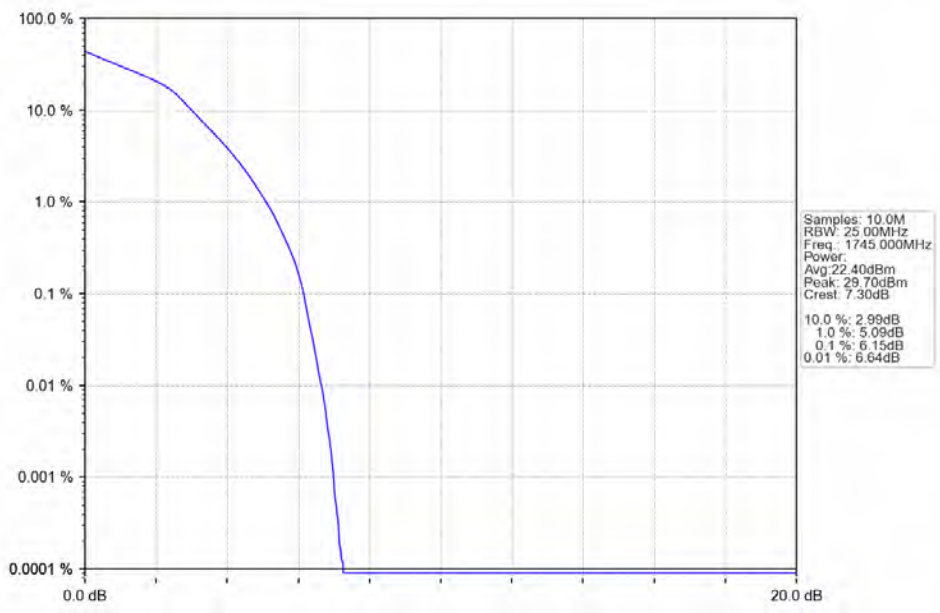
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



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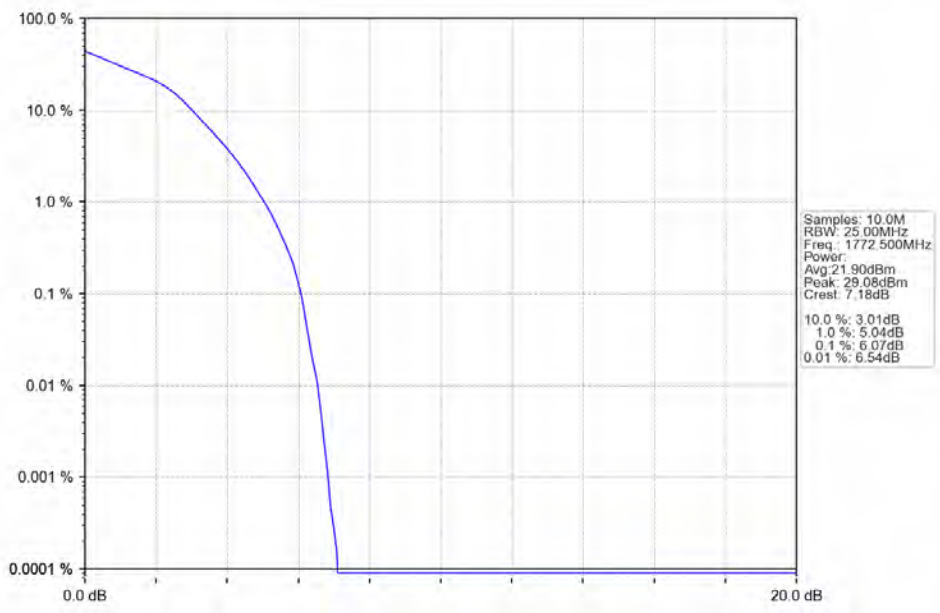

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4.6 B66_20MHz

4.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.56	<=13	Pass
	1745	100	0	5.33	<=13	Pass
	1770	100	0	5.33	<=13	Pass
16QAM	1720	100	0	6.41	<=13	Pass
	1745	100	0	6.15	<=13	Pass
	1770	100	0	6.14	<=13	Pass

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4.6.2 Test Graph

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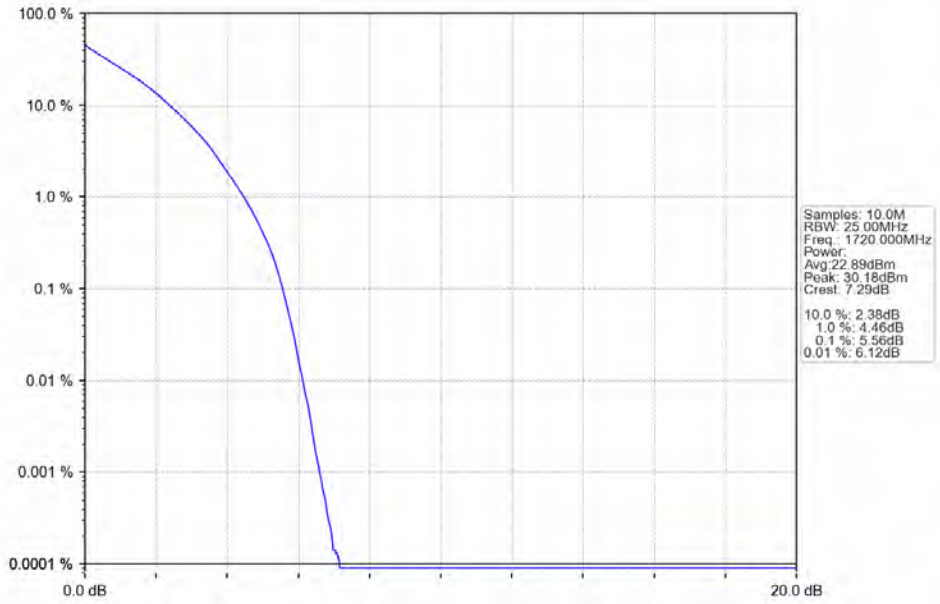

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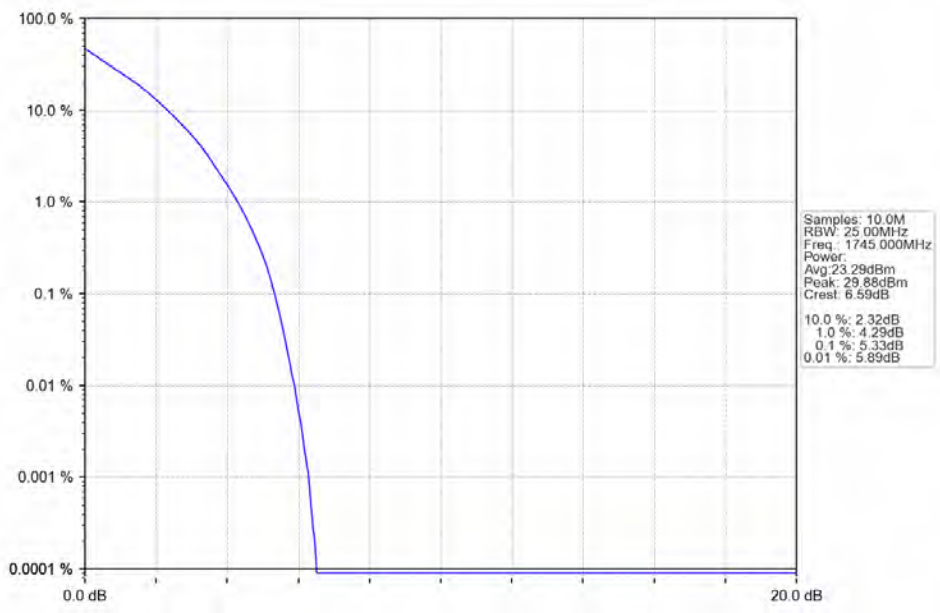
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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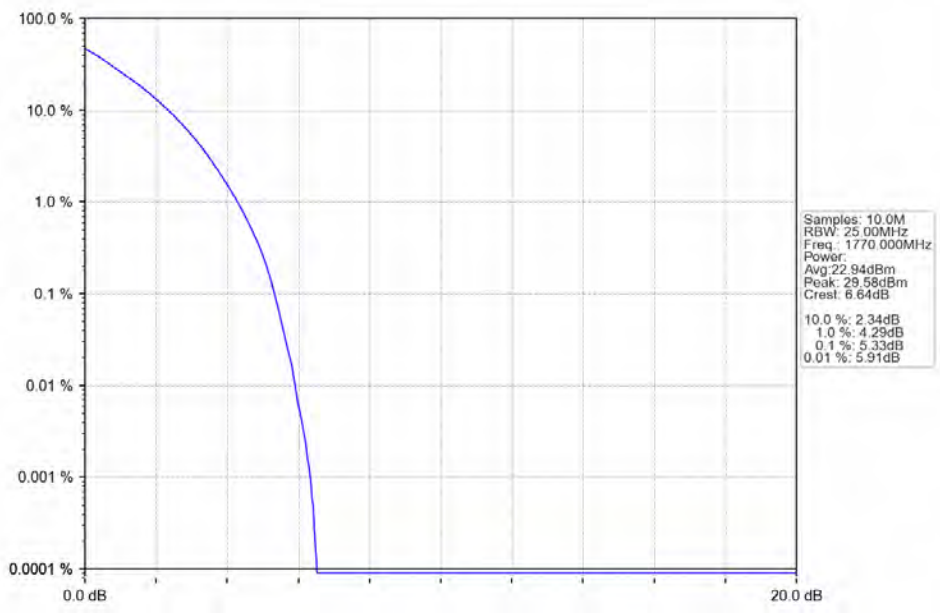
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



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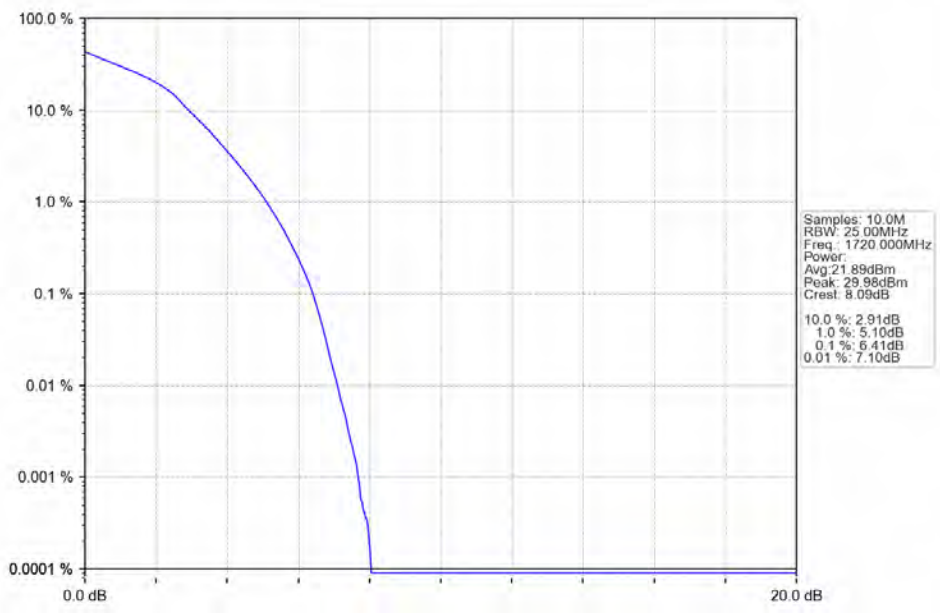

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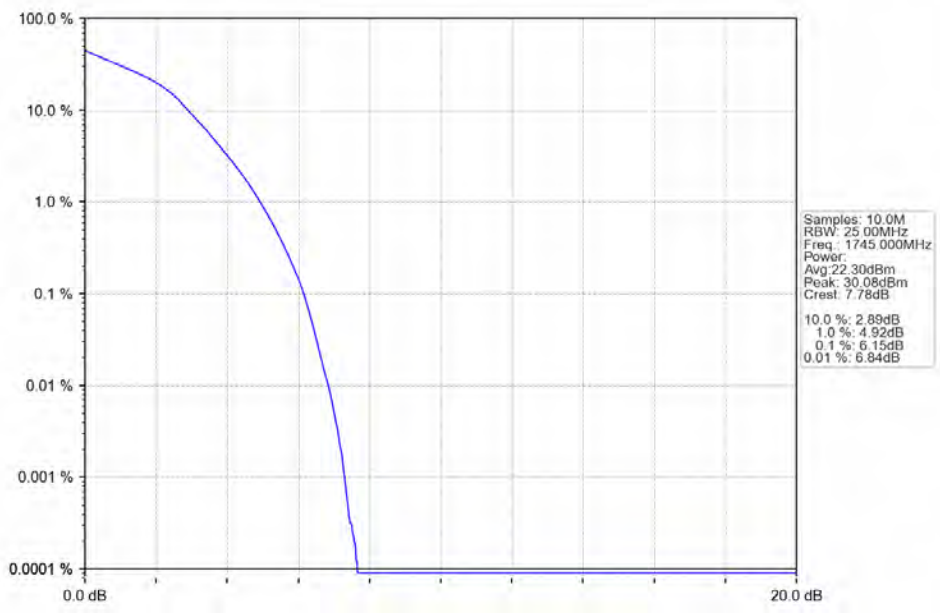

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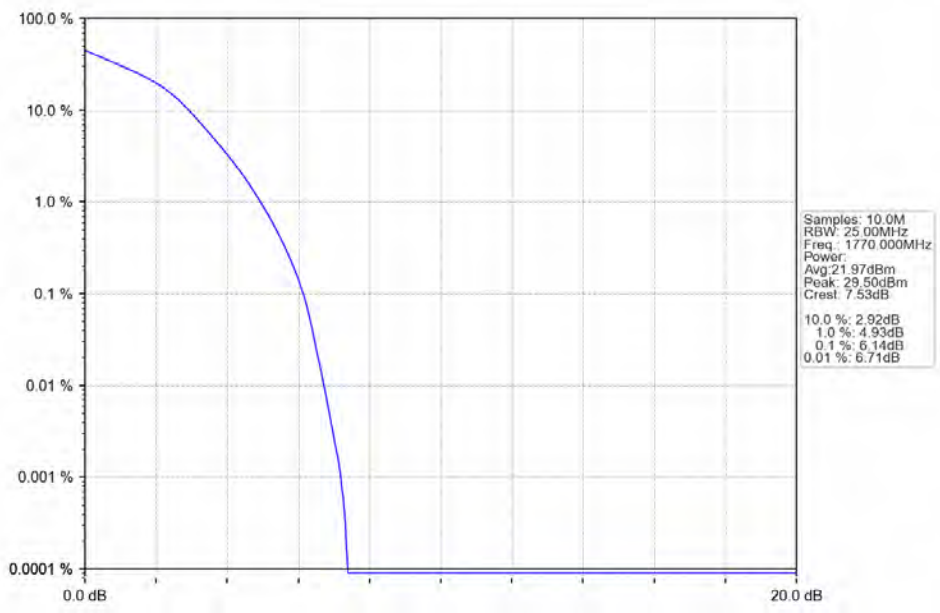
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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5. Spurious Emission & Band Edge

5.1 B66_1.4MHz

5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

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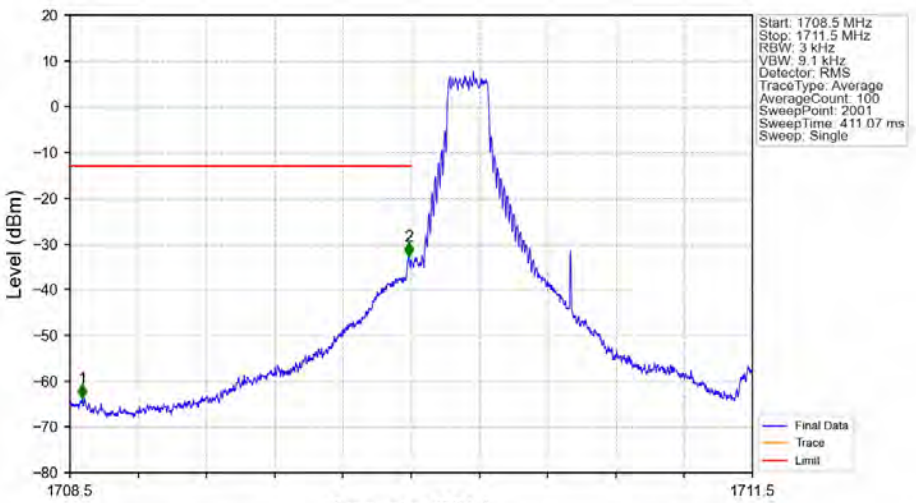
5.1.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.554	-63.76	-13	Pass
1709	1710	0.003	/	2	1709.989	-32.69	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

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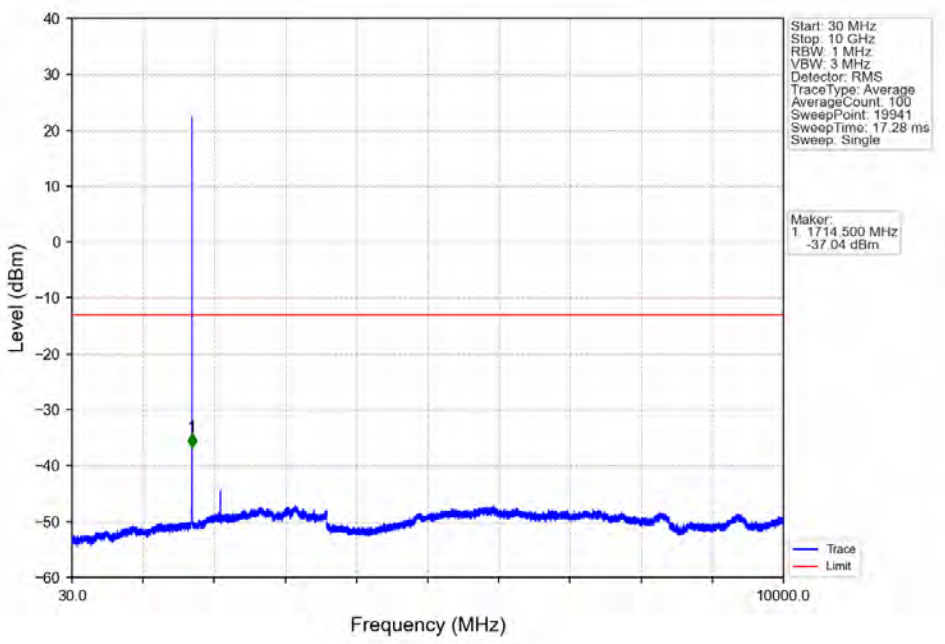
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



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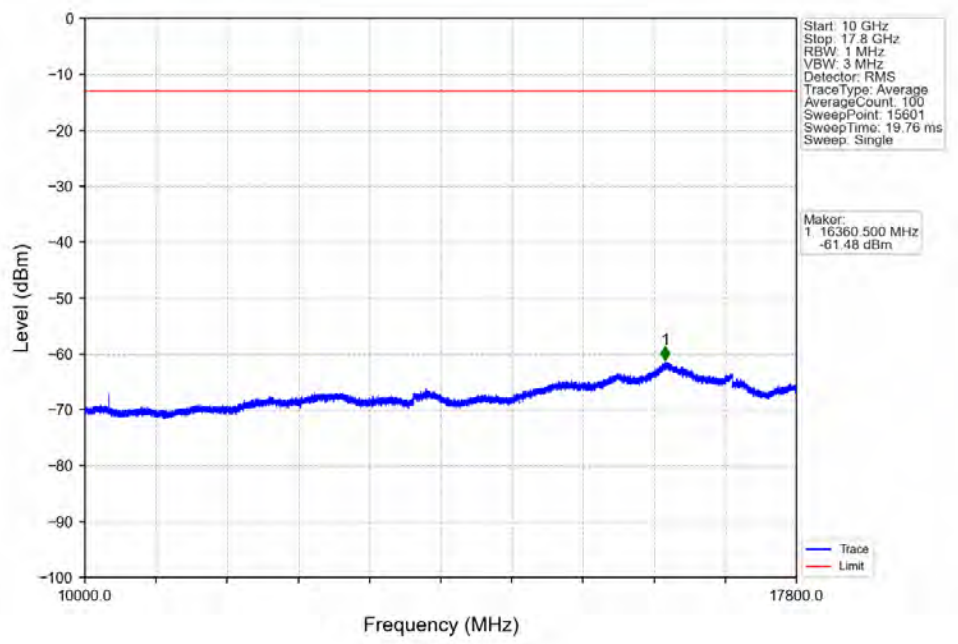

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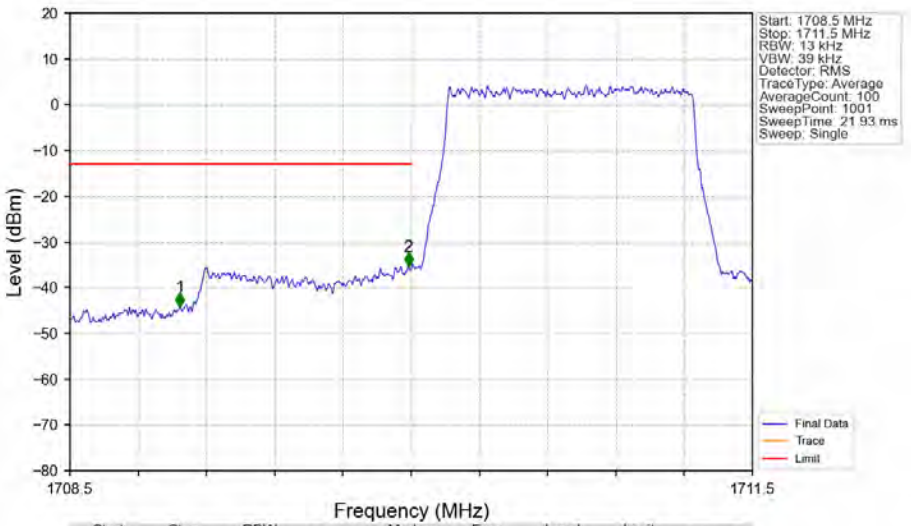
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.983	-44.23	-13	Pass
1709	1710	0.013	/	2	1709.988	-35.37	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

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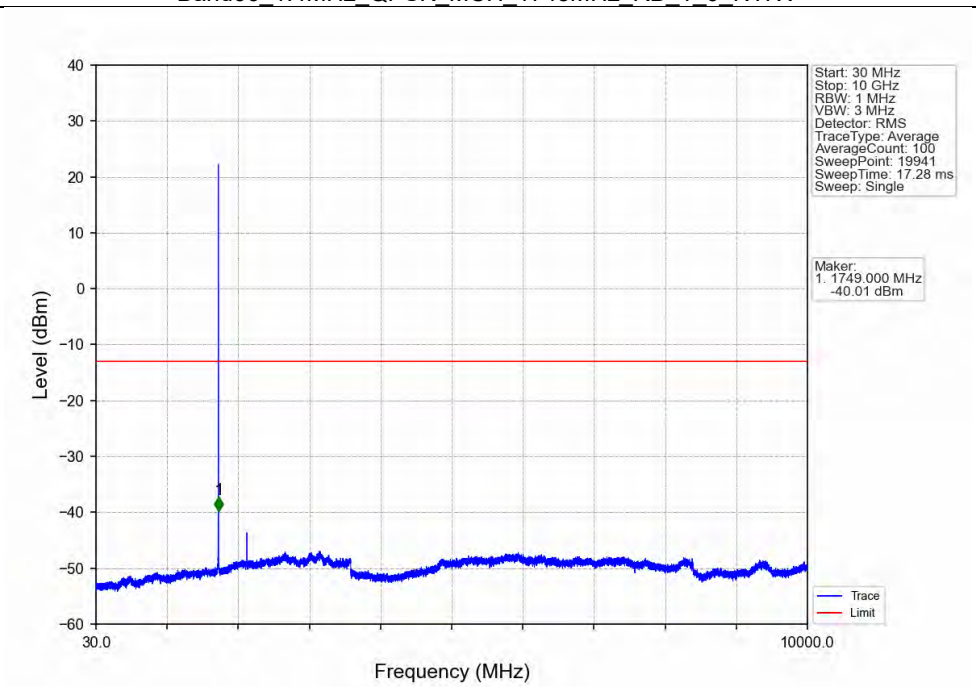
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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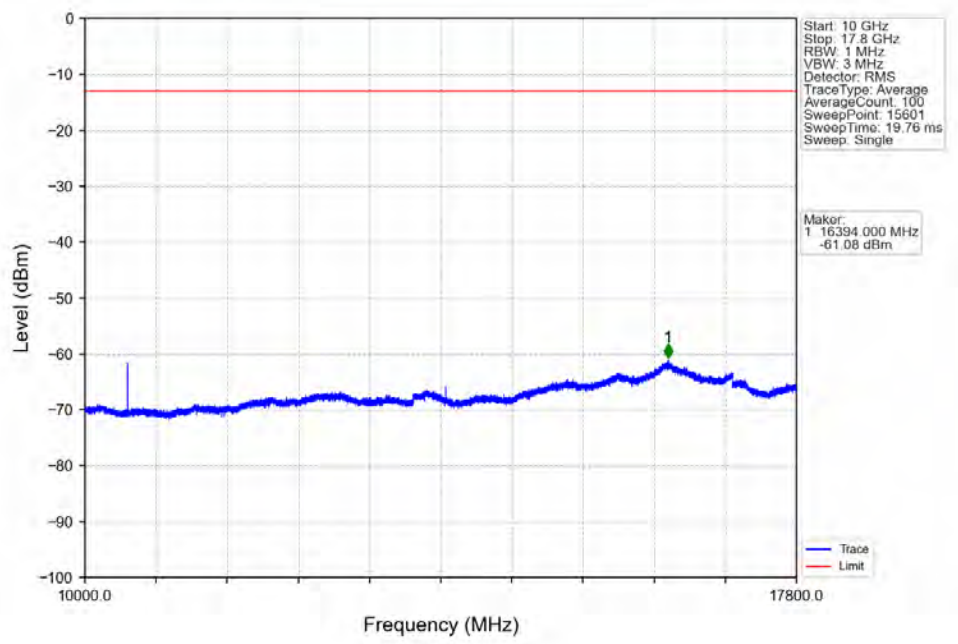
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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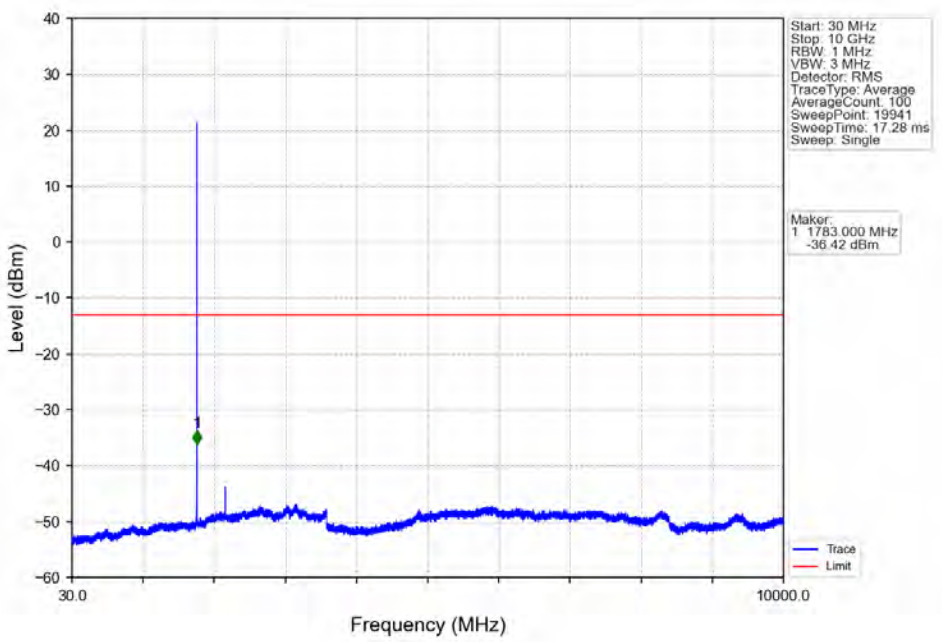

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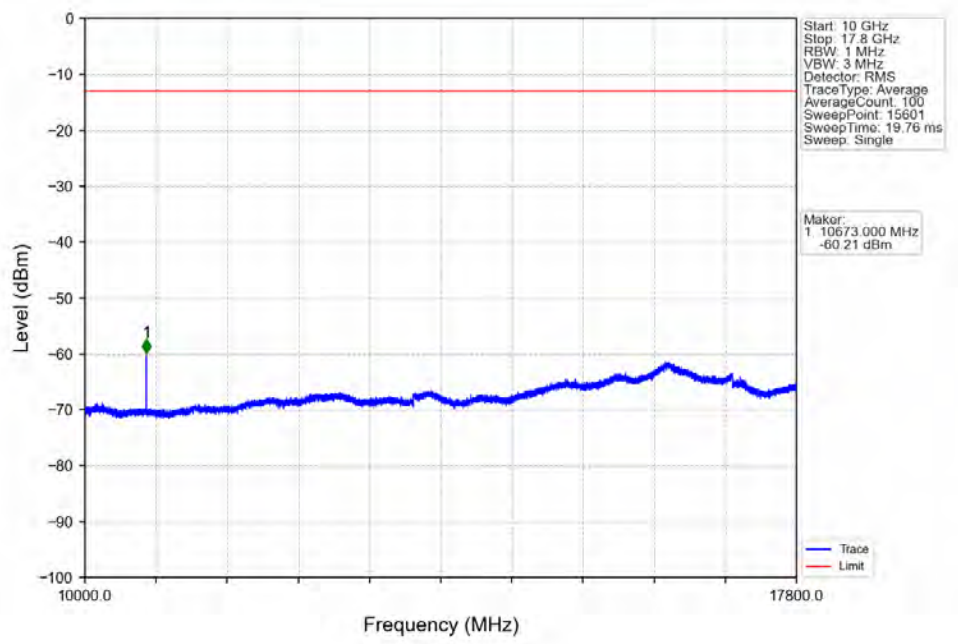
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



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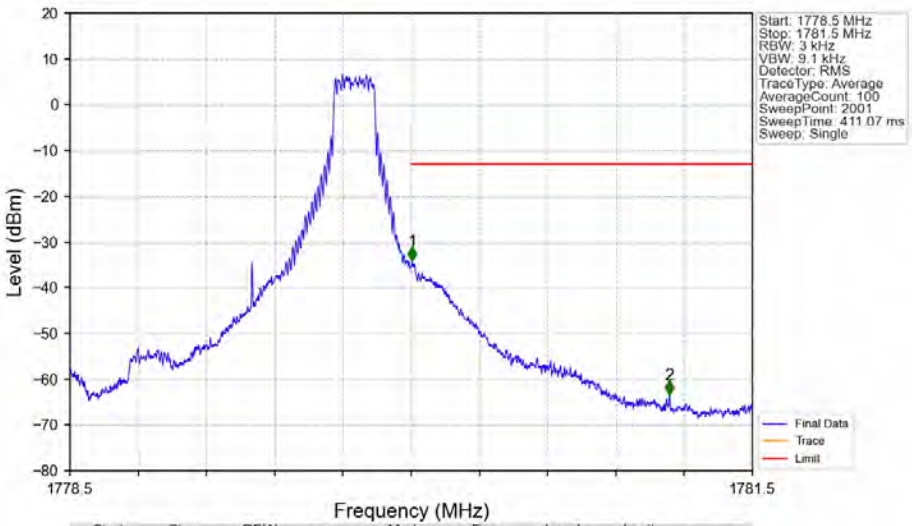

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-34.12	-13	Pass
1781	1781.5	1	/	2	1781.136	-63.42	-13	Pass

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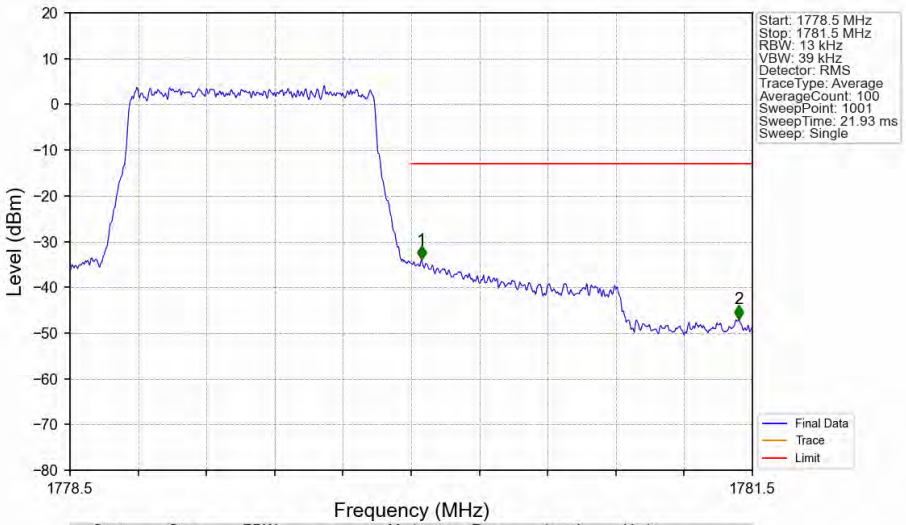
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.013	/	/	/	/	/	/
1780	1781	0.013	/	1	1780.045	-33.92	-13	Pass
1781	1781.5	1	/	2	1781.440	-46.93	-13	Pass

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5.2 B66_3MHz

5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

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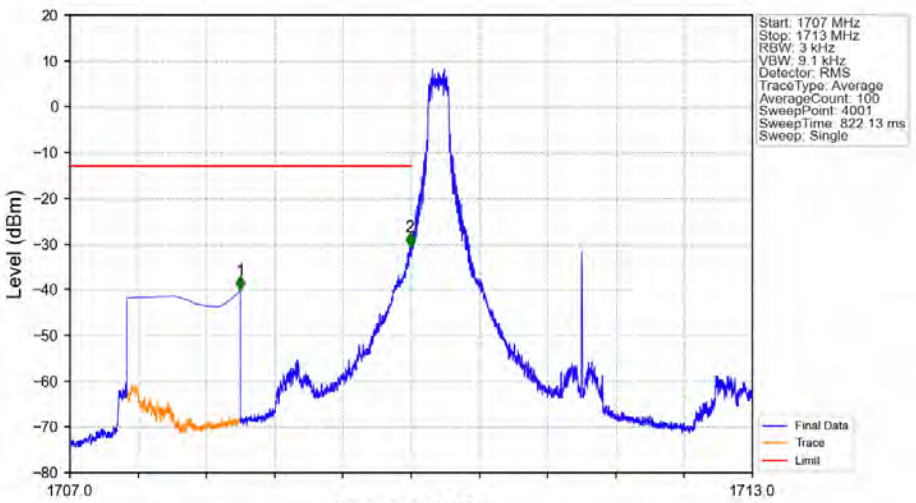
5.2.2 Test Graph

Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-40.21	-13	Pass
1709	1710	0.003	/	2	1709.989	-30.56	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

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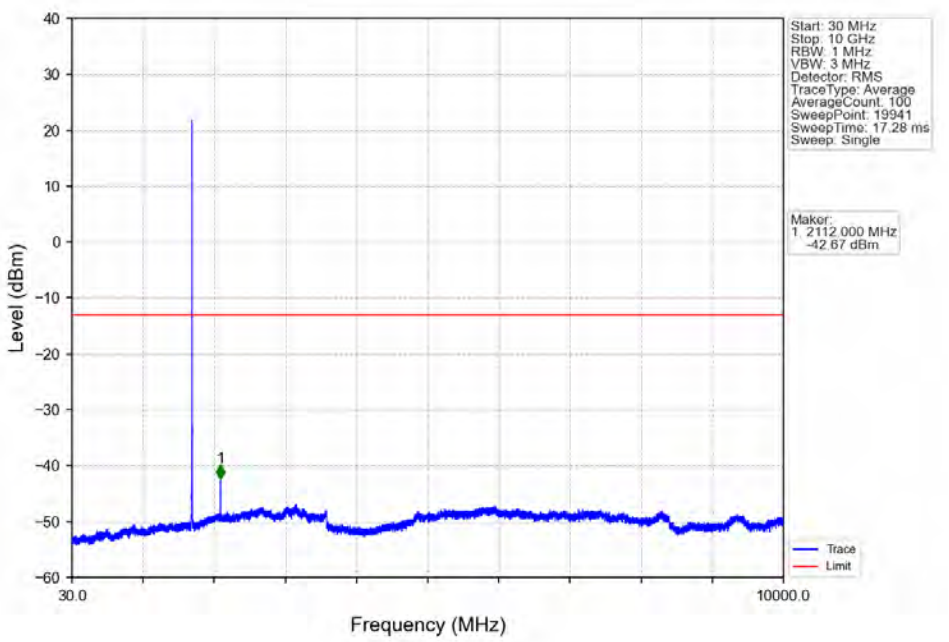
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



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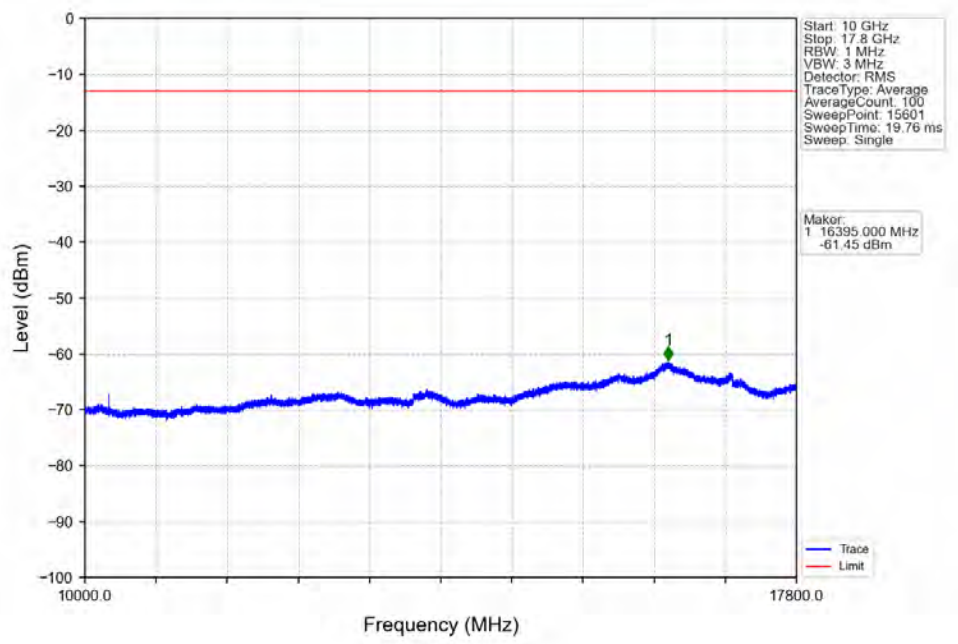
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



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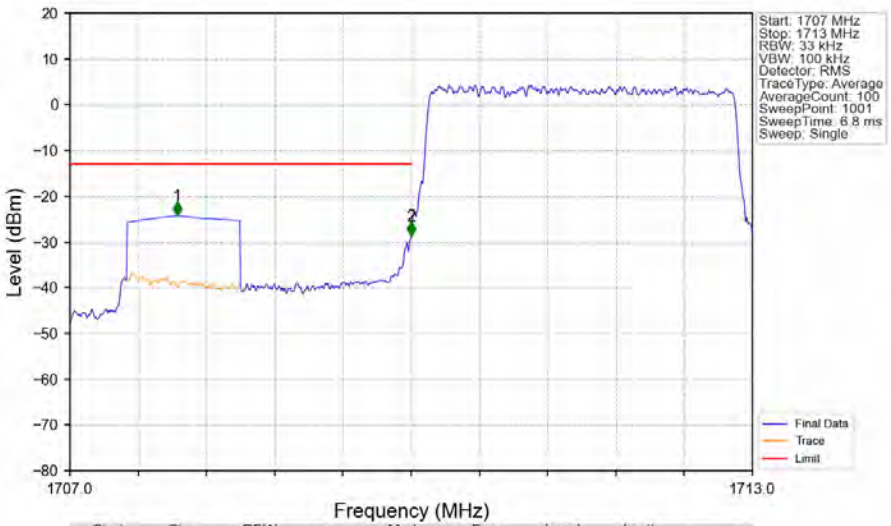
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.942	-24.34	-13	Pass
1709	1710	0.033	/	2	1710.000	-28.68	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

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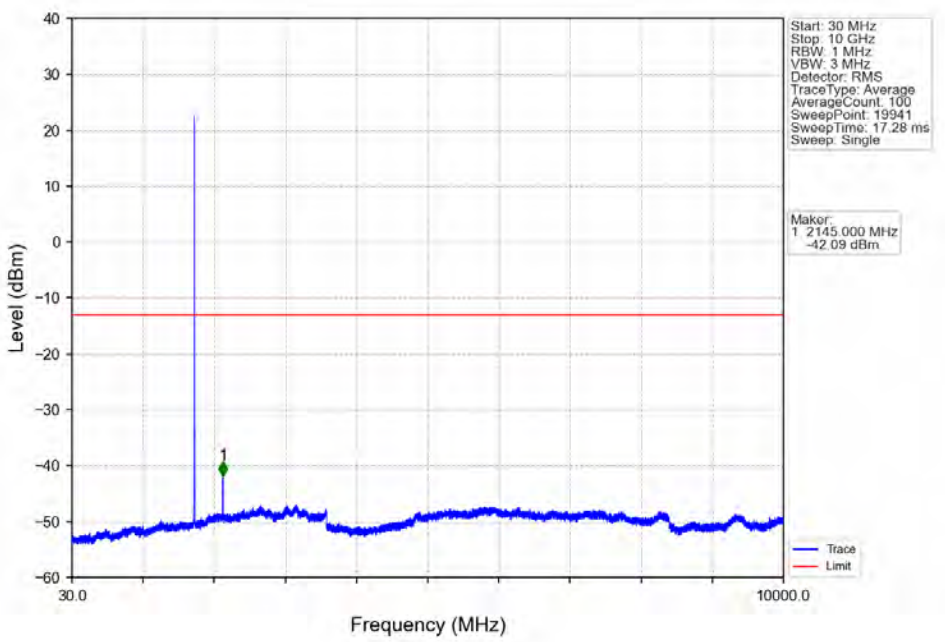
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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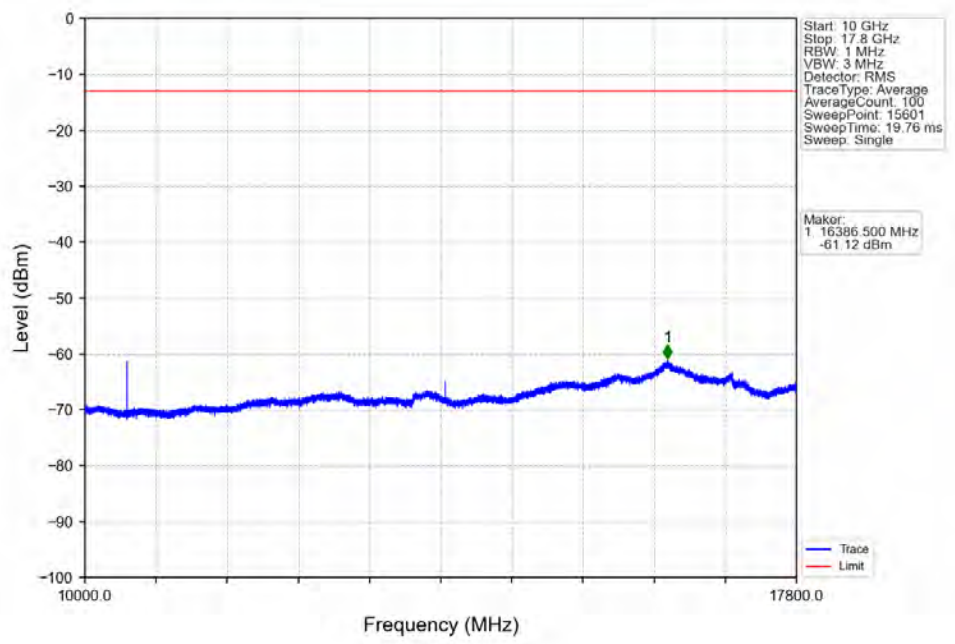
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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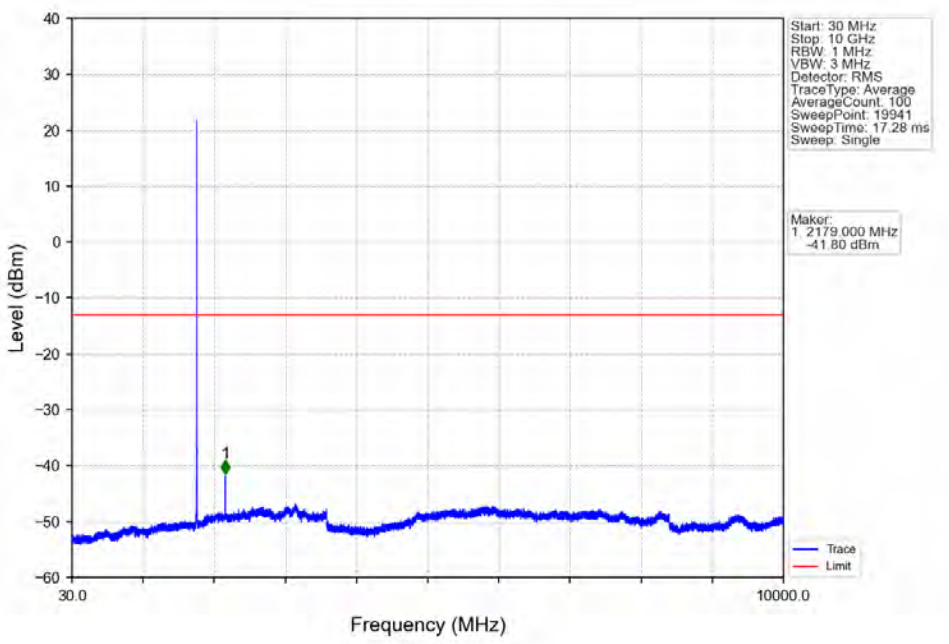
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



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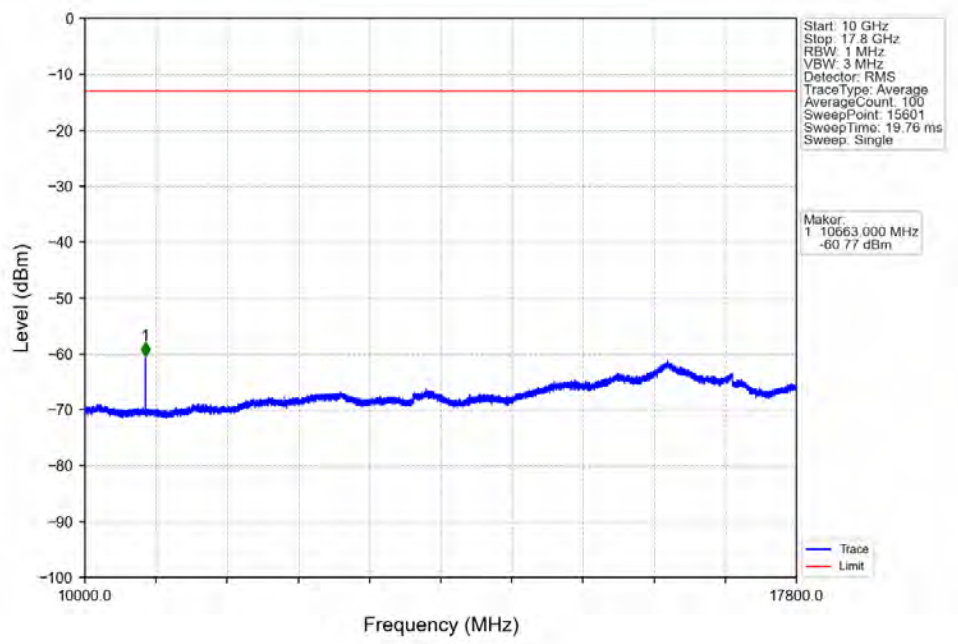

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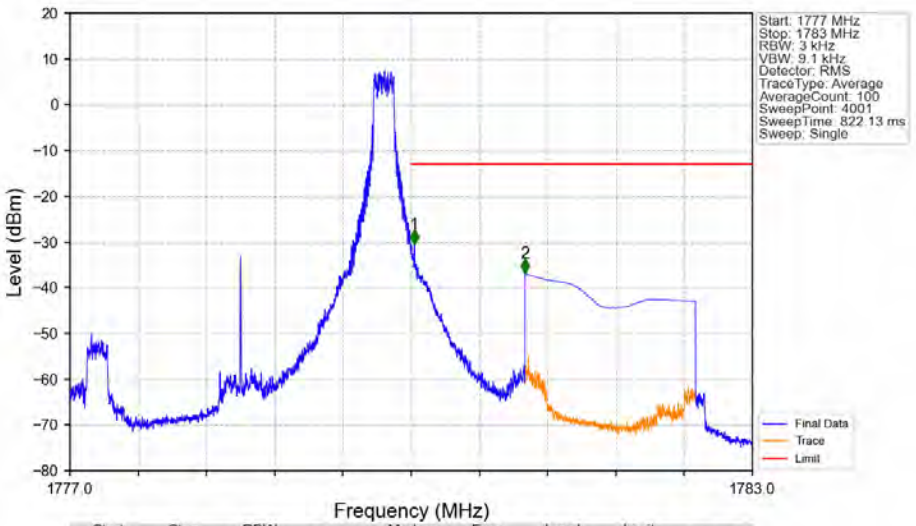
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.028	-30.46	-13	Pass
1781	1783	1	CHP	2	1781.001	-36.84	-13	Pass

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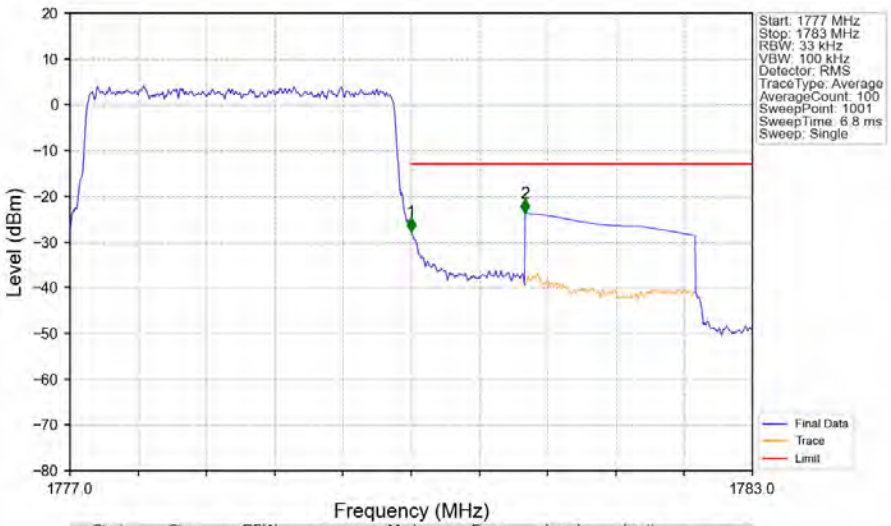
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.033	/	/	/	/	/	/
1780	1781	0.033	/	1	1780.000	-27.79	-13	Pass
1781	1783	1	CHP	2	1781.002	-23.71	-13	Pass

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5.3 B66_5MHz

5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

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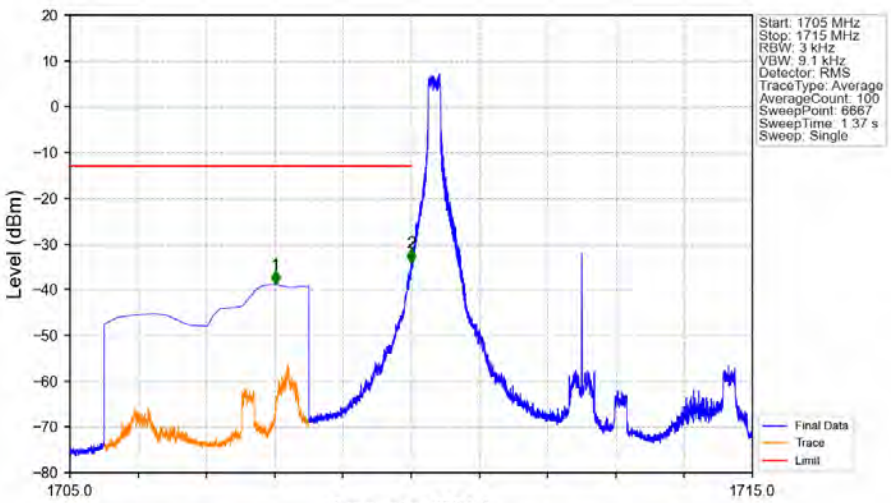
5.3.2 Test Graph

Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.009	-38.92	-13	Pass
1709	1710	0.003	/	2	1710.000	-34.19	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

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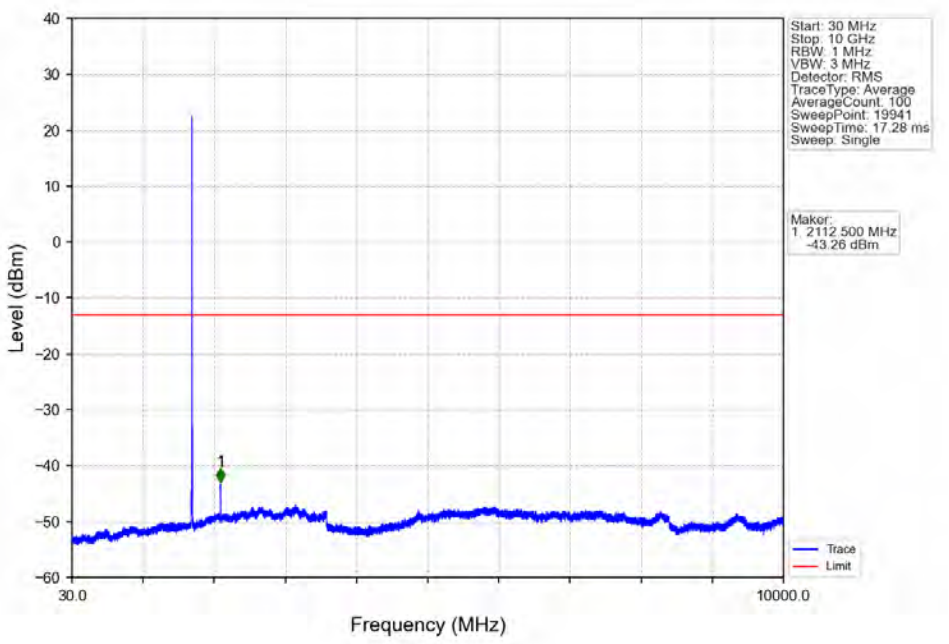
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



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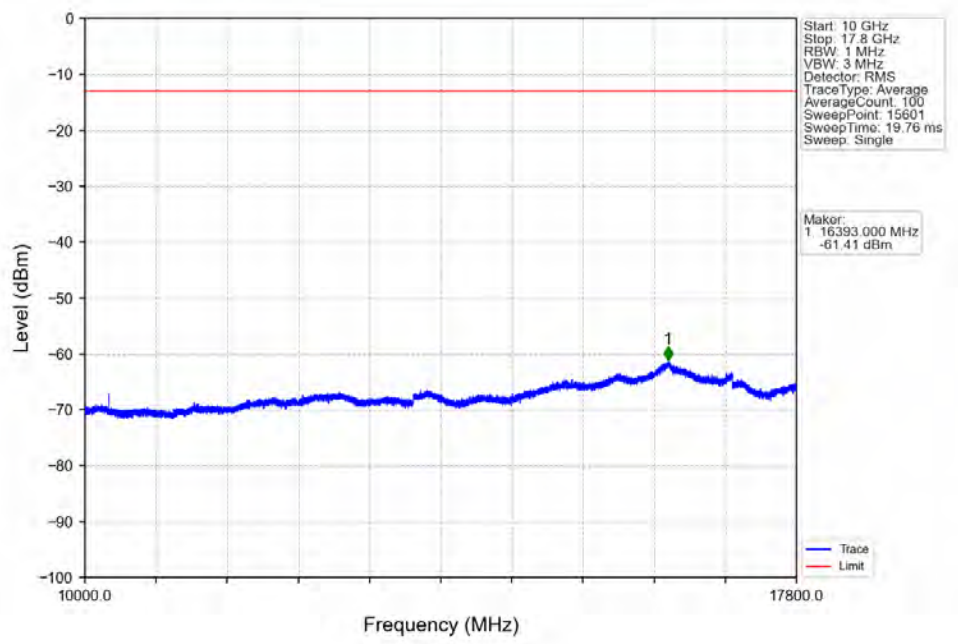

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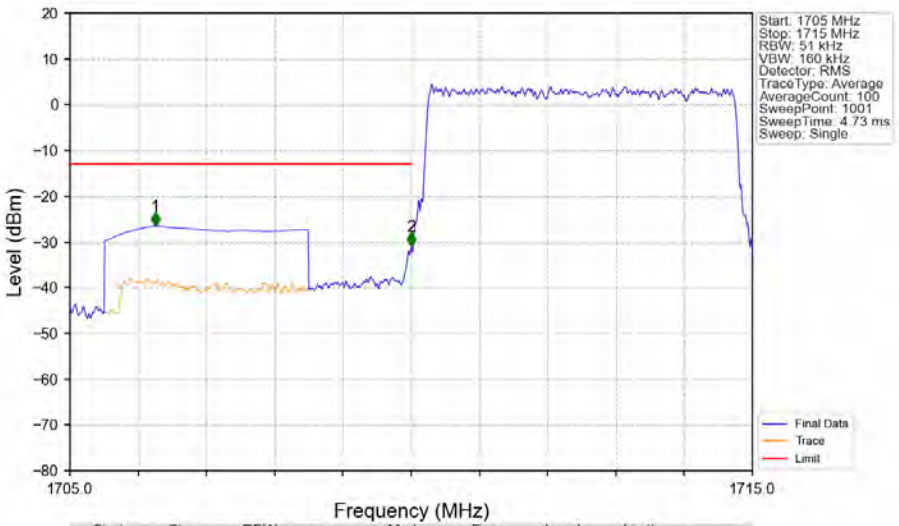
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.250	-26.53	-13	Pass
1709	1710	0.051	/	2	1710.000	-31.02	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

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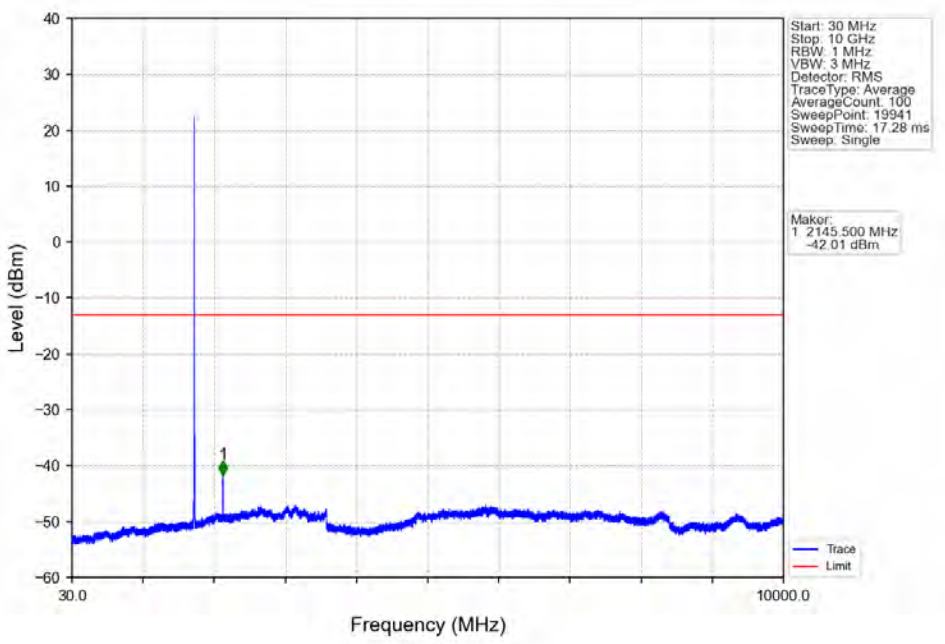
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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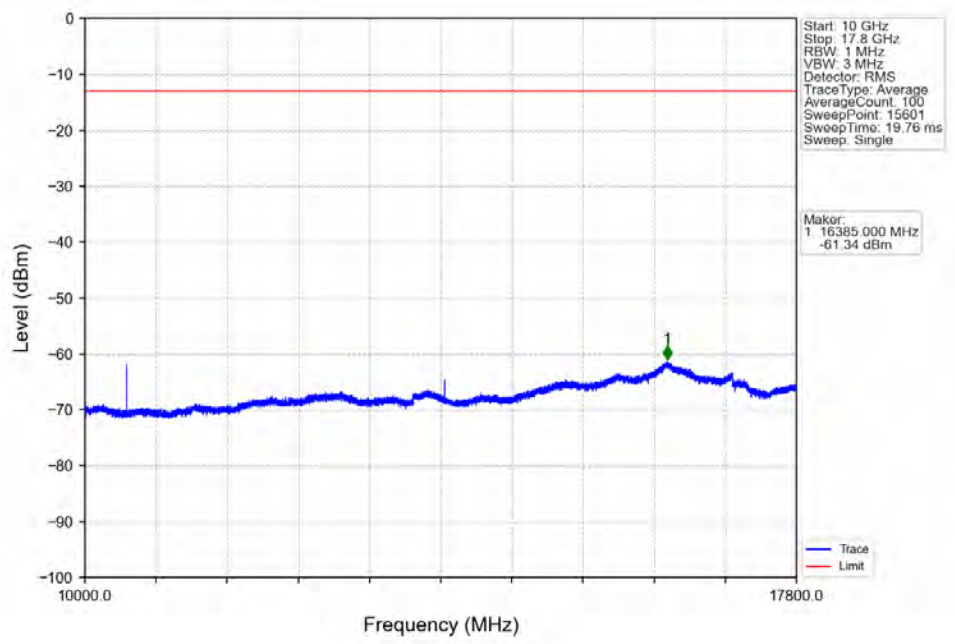
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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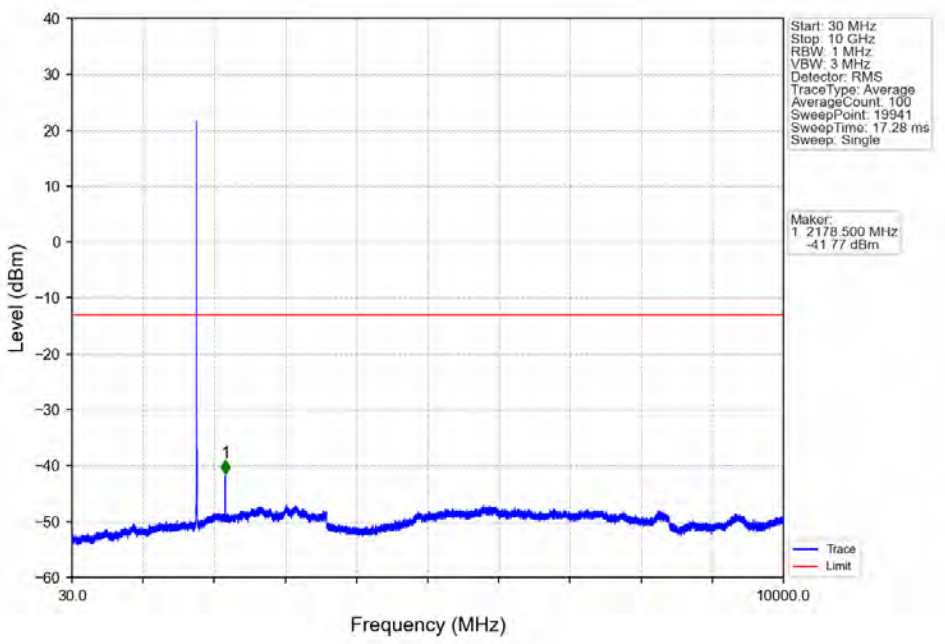

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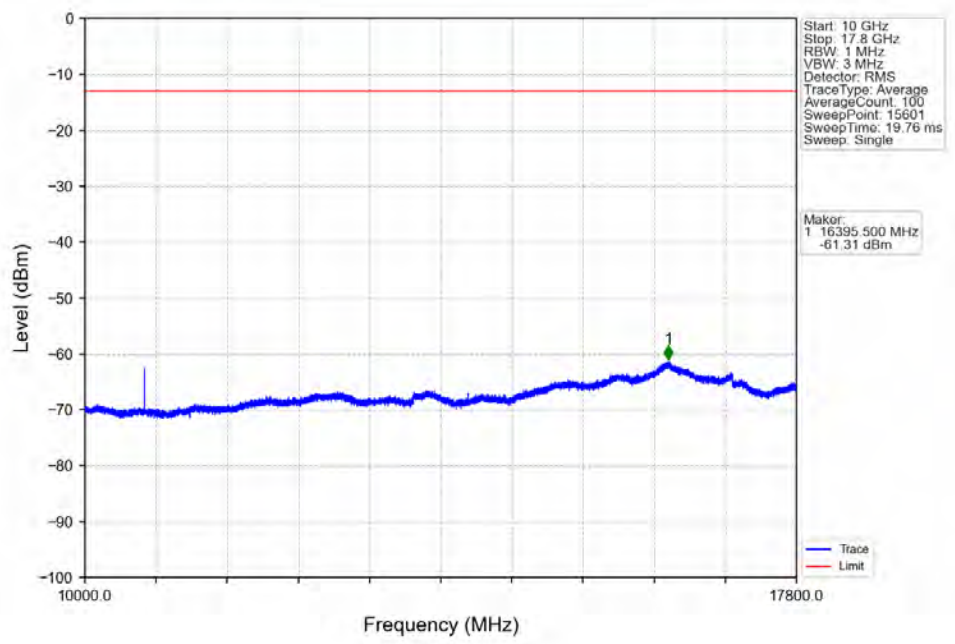
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



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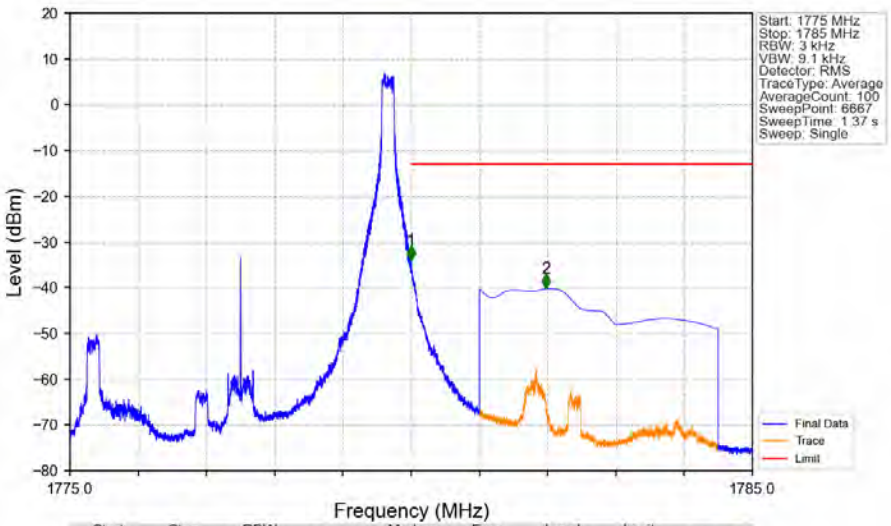
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.000	-33.99	-13	Pass
1781	1785	1	CHP	2	1781.977	-40.22	-13	Pass

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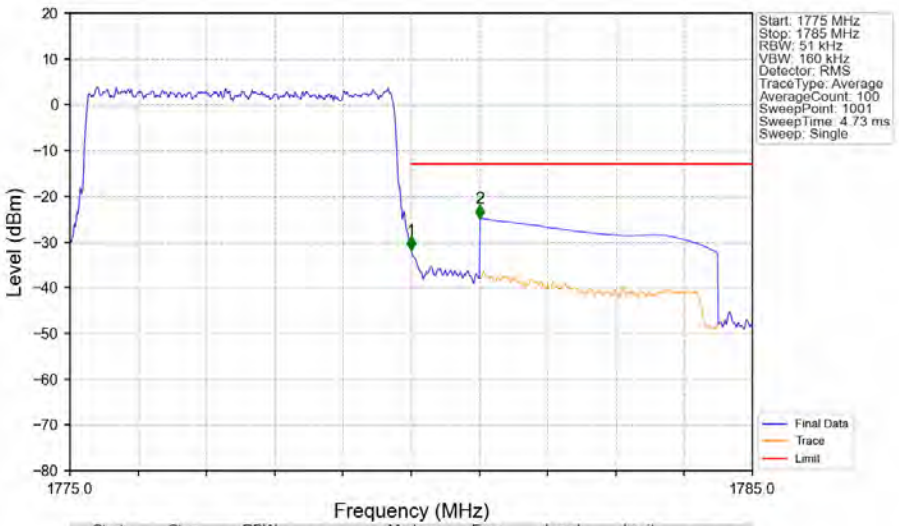

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	/	/	/	/	/	/
1780	1781	0.051	/	1	1780.000	-31.84	-13	Pass
1781	1785	1	CHP	2	1781.010	-24.89	-13	Pass

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5.4 B66_10MHz

5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

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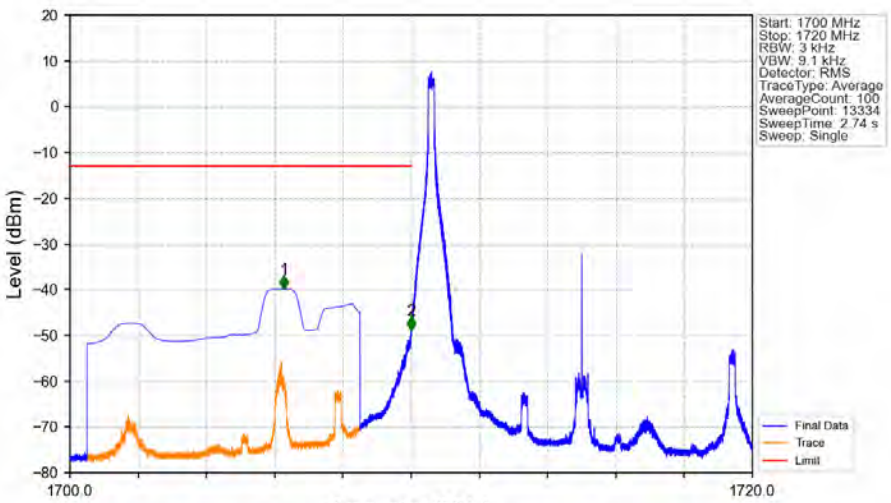
5.4.2 Test Graph

Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.275	-39.92	-13	Pass
1709	1710	0.003	/	2	1709.995	-49.01	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

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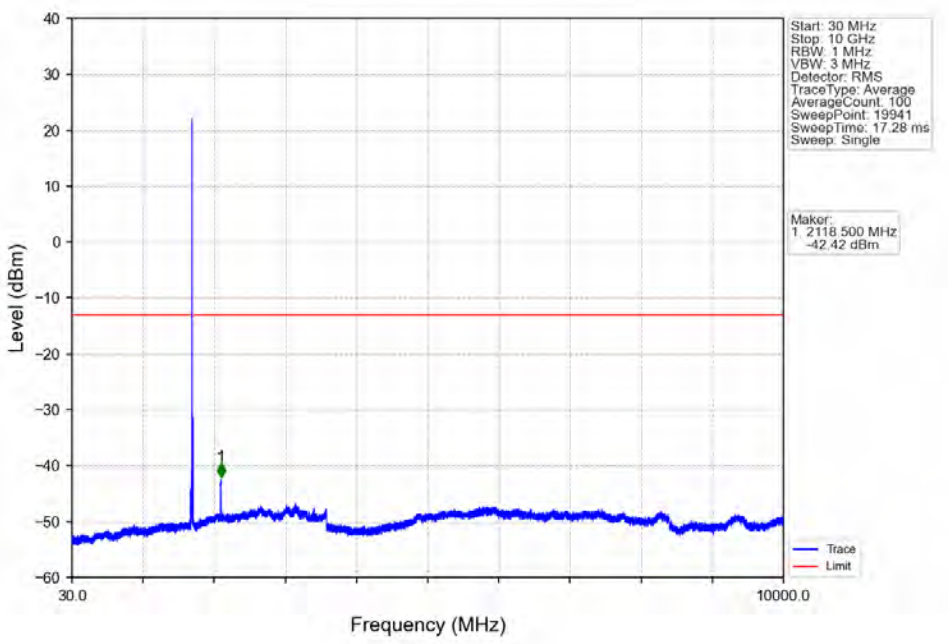

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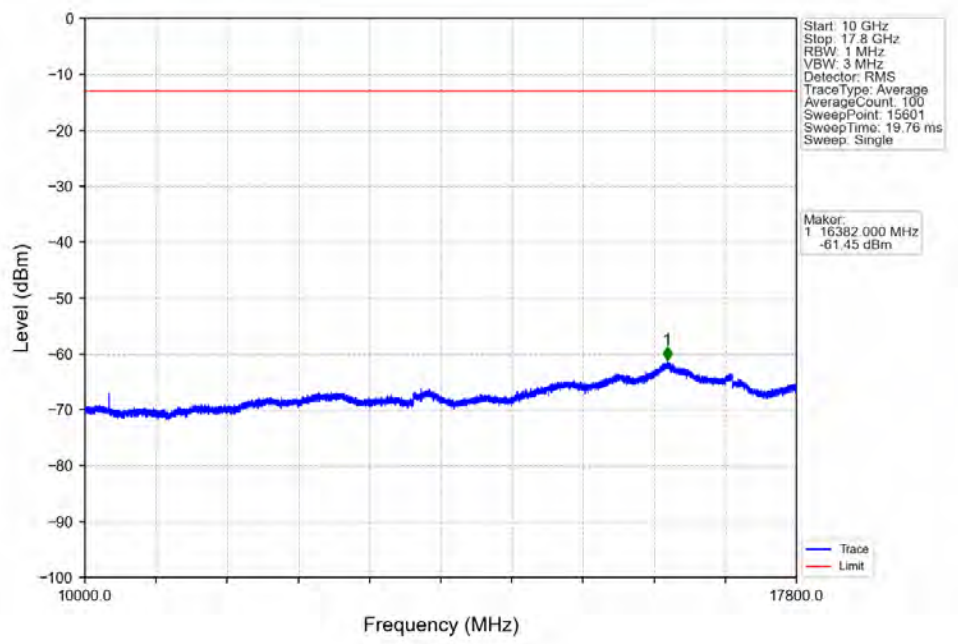
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



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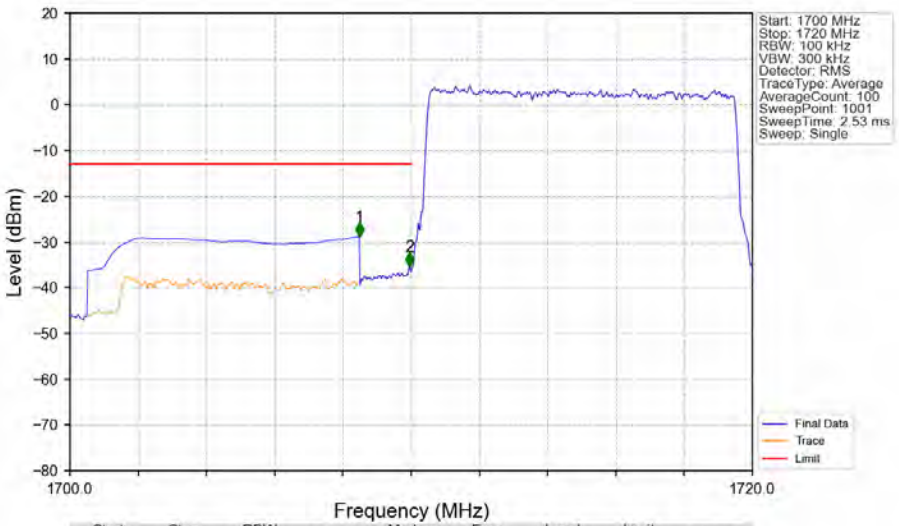
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-28.86	-13	Pass
1709	1710	0.1	/	2	1709.960	-35.37	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

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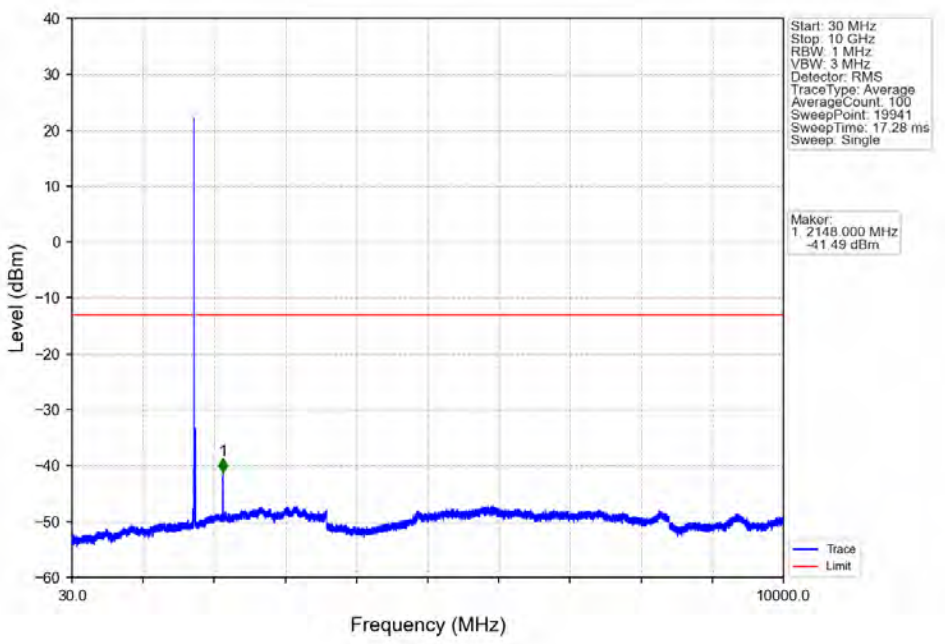
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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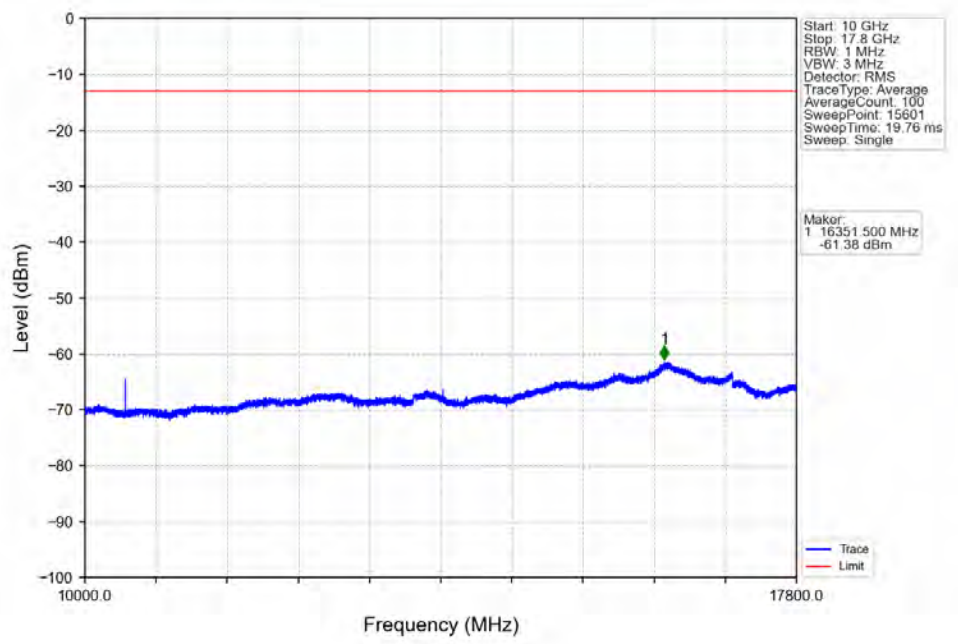

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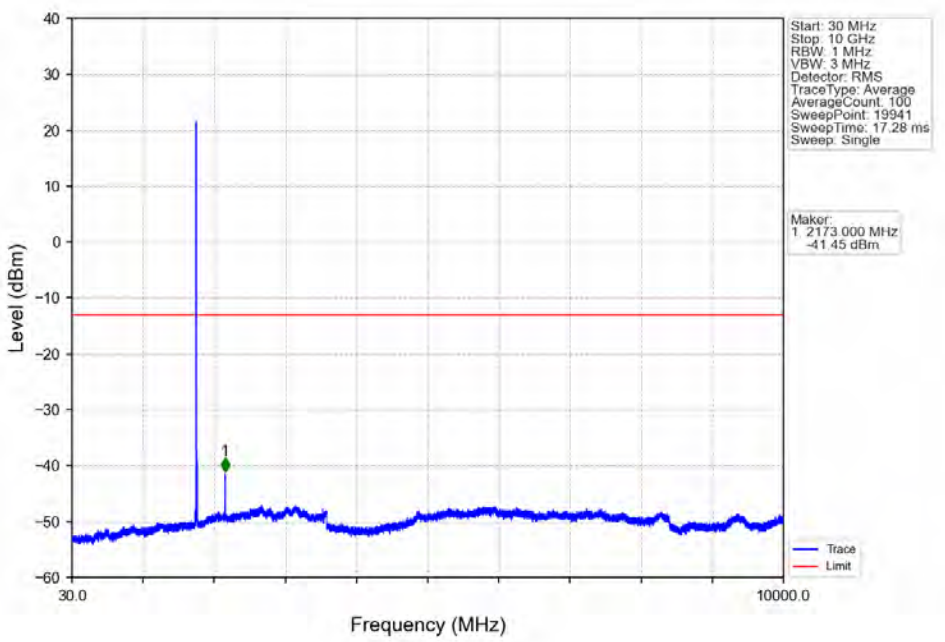

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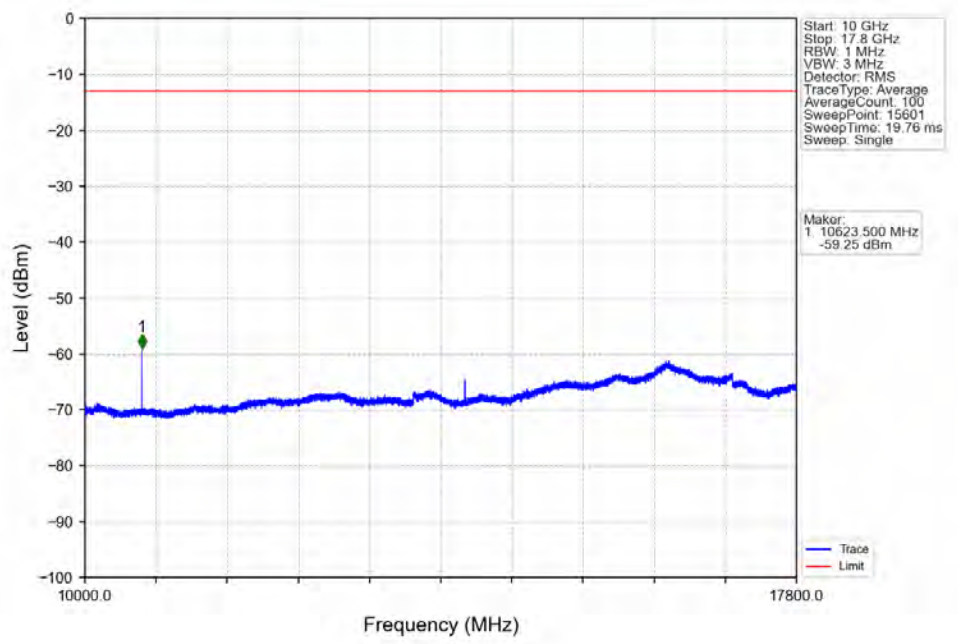
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV



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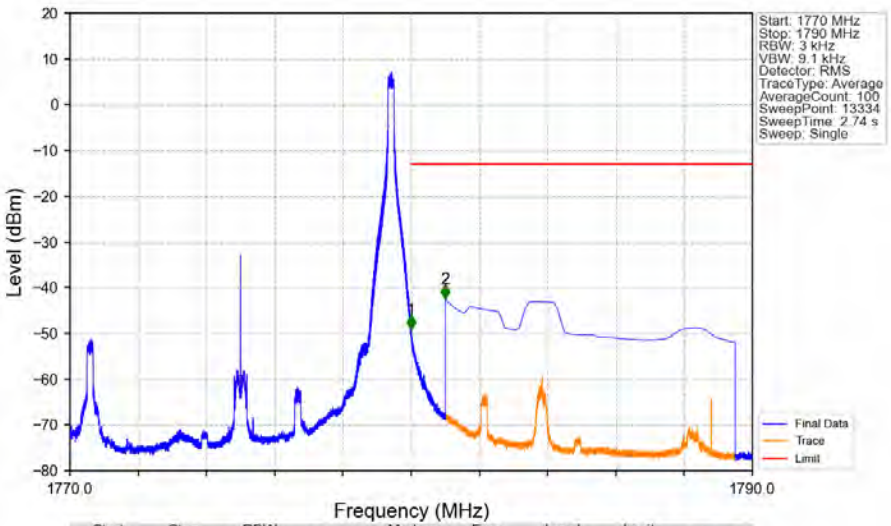
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.001	-49.17	-13	Pass
1781	1790	1	CHP	2	1781.001	-42.50	-13	Pass

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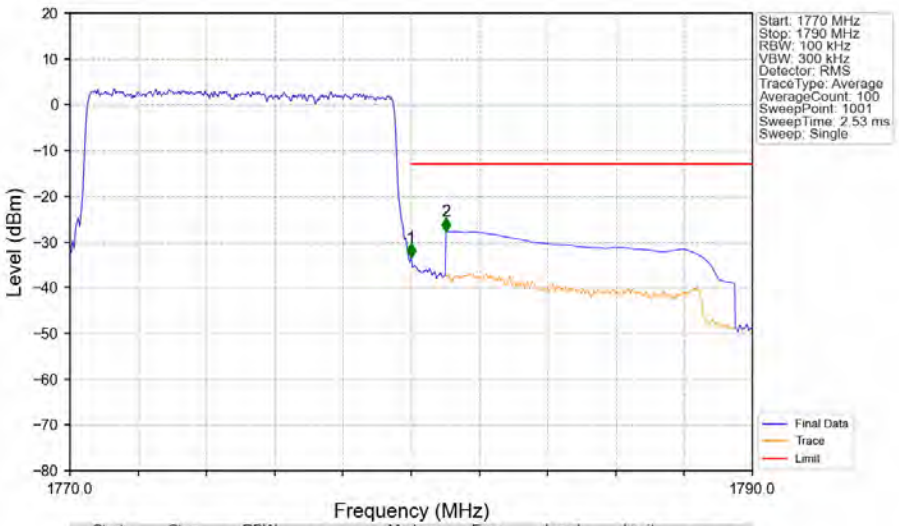

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	/	/	/	/	/
1780	1781	0.1	/	1	1780.000	-33.48	-13	Pass
1781	1790	1	CHP	2	1781.020	-27.72	-13	Pass

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5.5 B66_15MHz

5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

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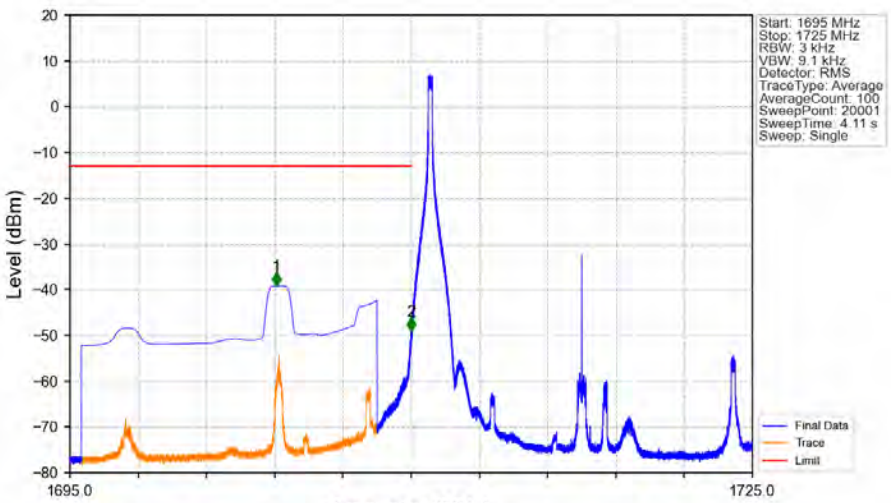
5.5.2 Test Graph

Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.078	-39.26	-13	Pass
1709	1710	0.003	/	2	1709.995	-49.17	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

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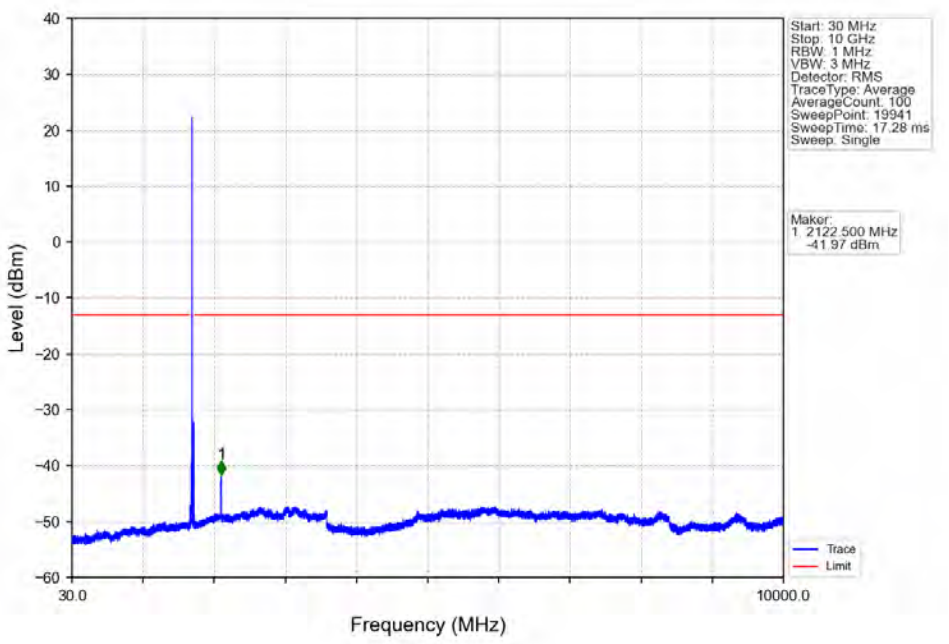

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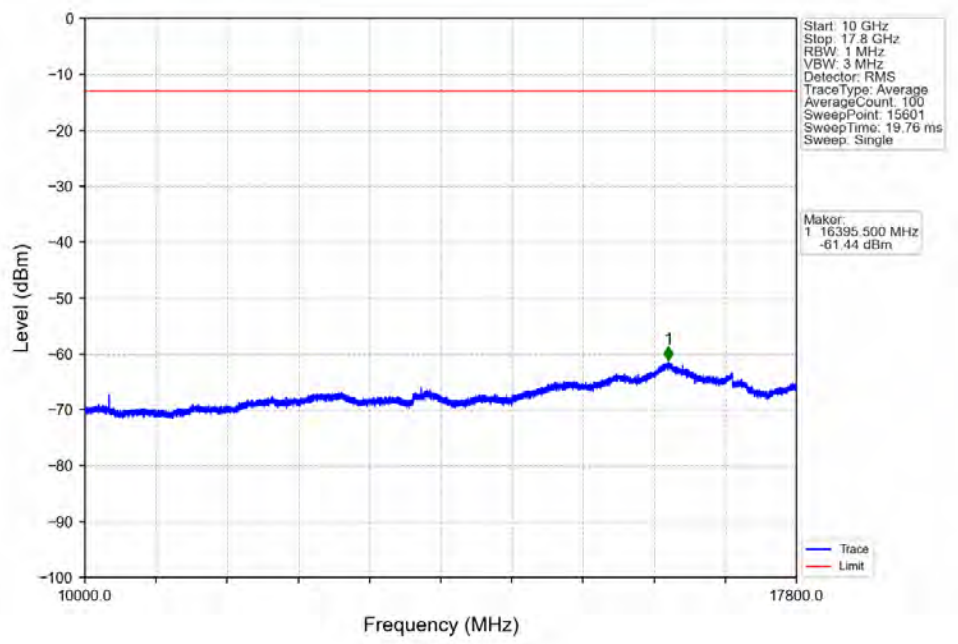

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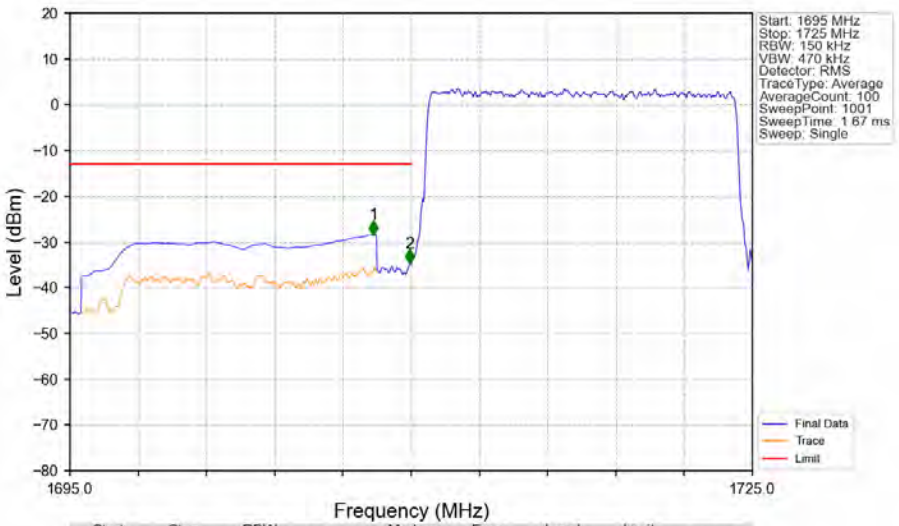
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.350	-28.44	-13	Pass
1709	1710	0.15	/	2	1709.940	-34.70	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

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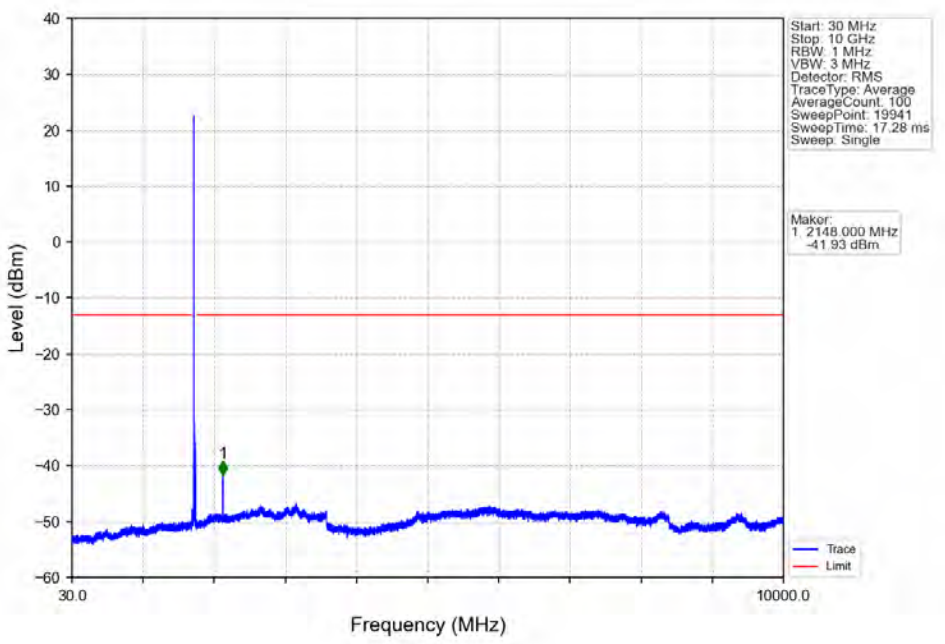
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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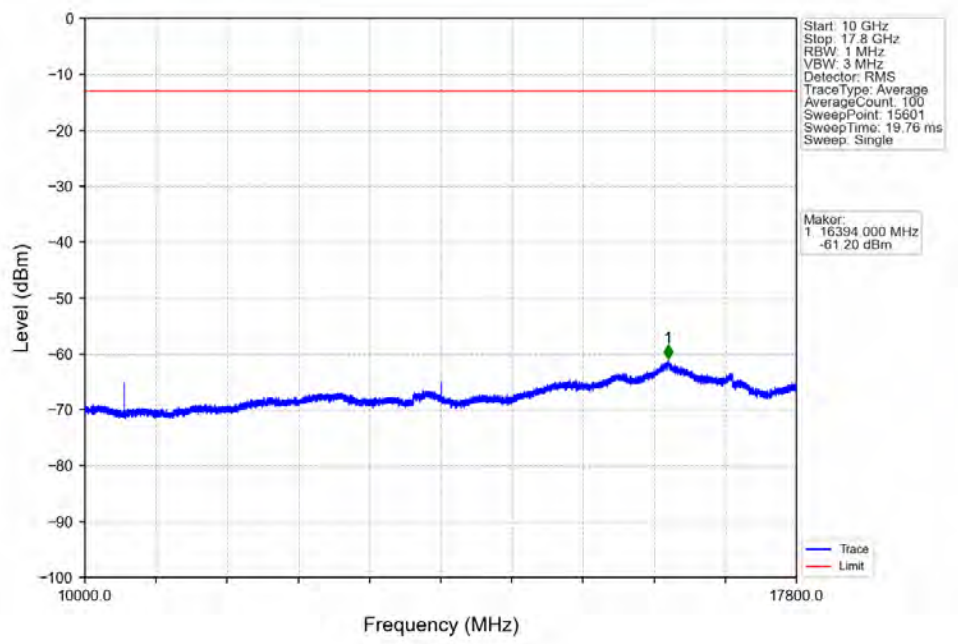
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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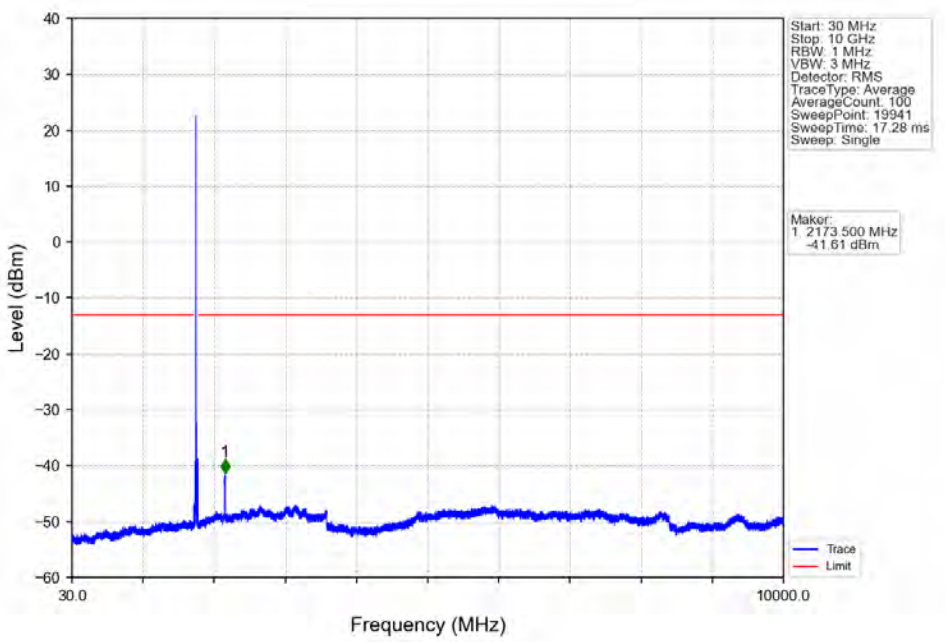

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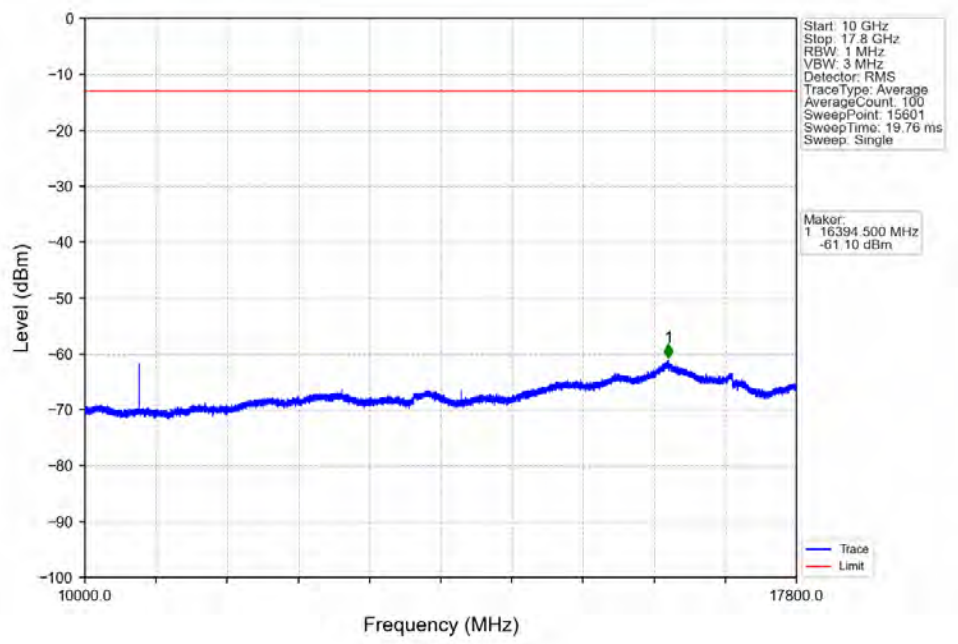
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



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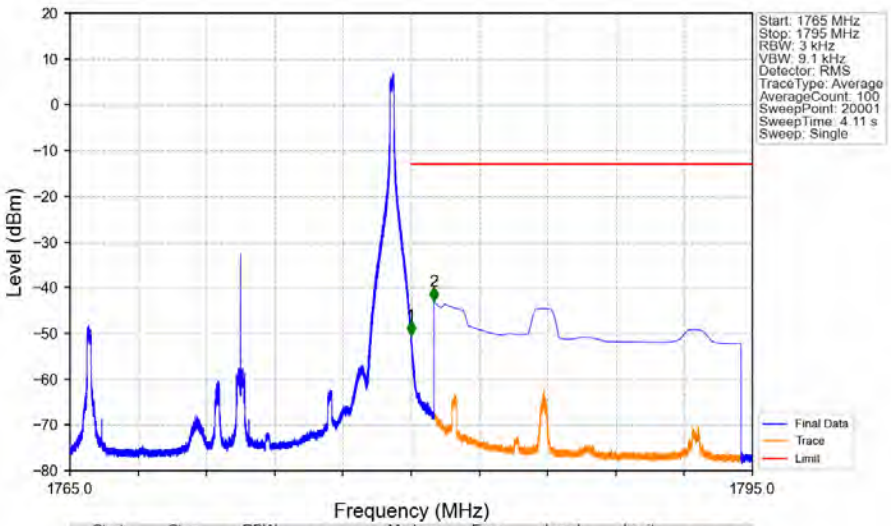
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-50.36	-13	Pass
1781	1795	1	CHP	2	1781.001	-42.98	-13	Pass

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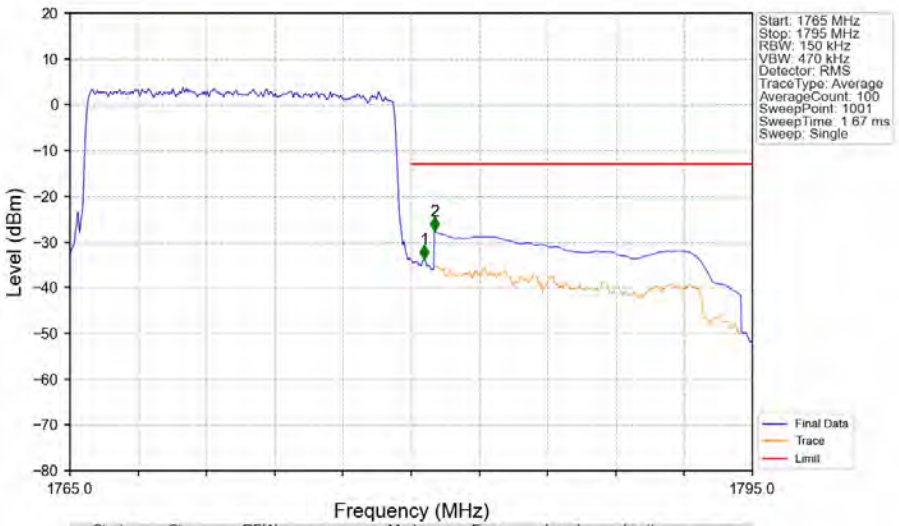
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.15	/	/	/	/	/	/
1780	1781	0.15	/	1	1780.570	-33.81	-13	Pass
1781	1795	1	CHP	2	1781.020	-27.67	-13	Pass

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5.6 B66_20MHz

5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

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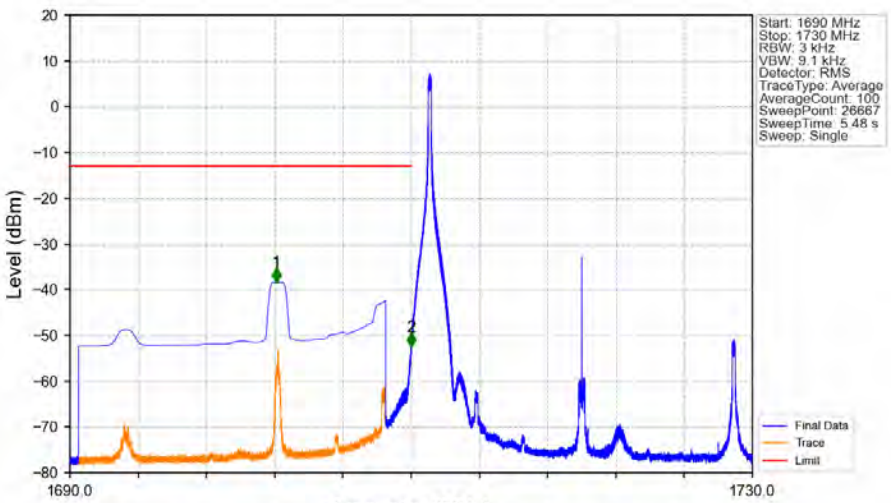
5.6.2 Test Graph

Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.083	-38.43	-13	Pass
1709	1710	0.003	/	2	1709.991	-52.52	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

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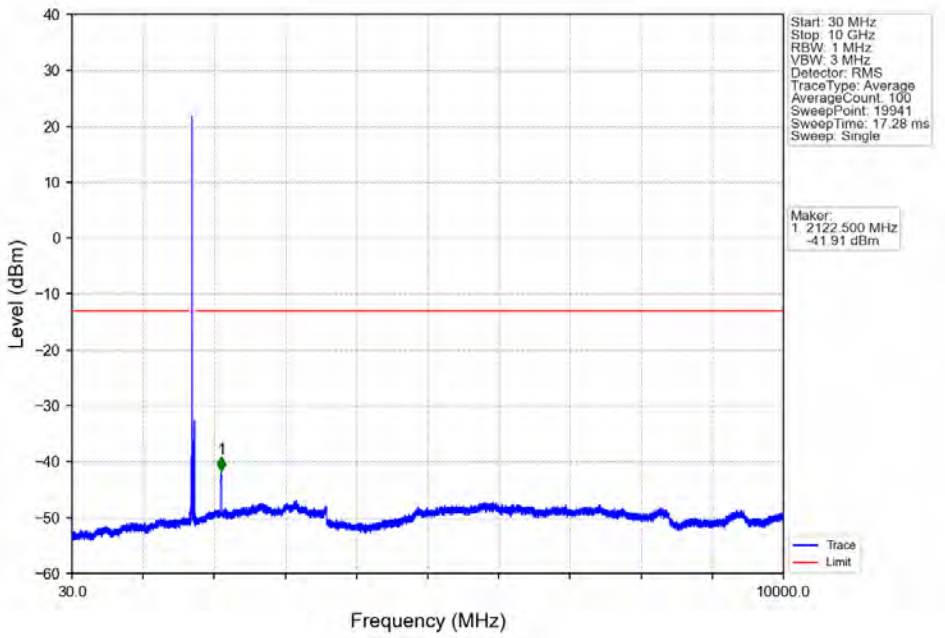

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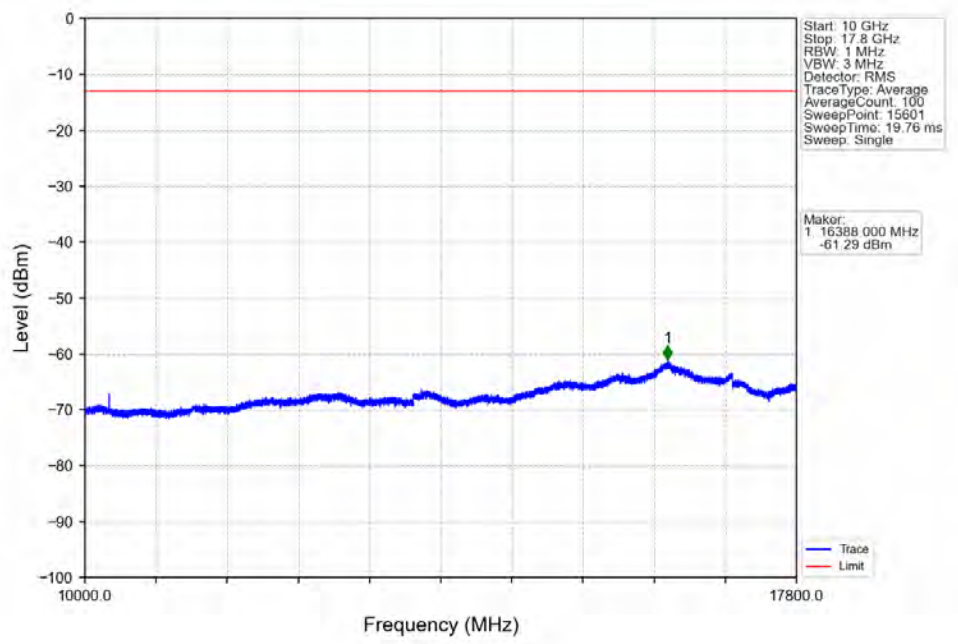

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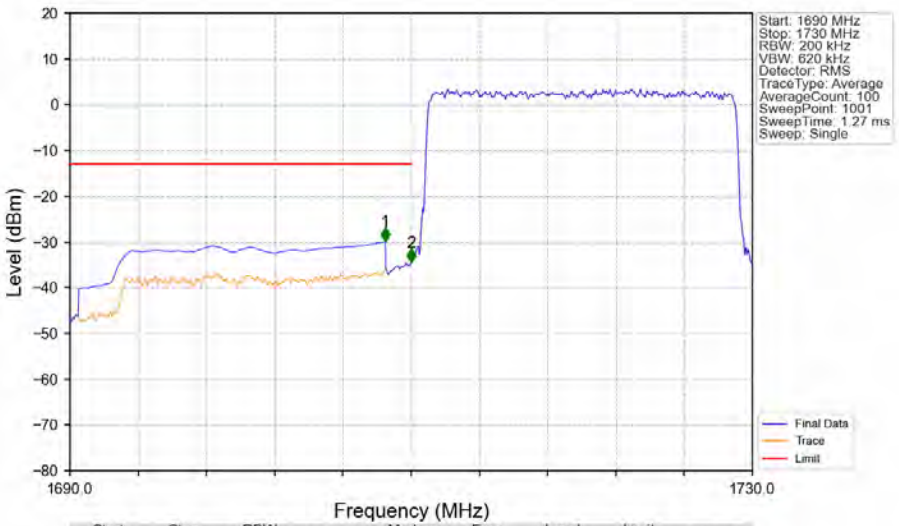
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-29.95	-13	Pass
1709	1710	0.2	/	2	1710.000	-34.47	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

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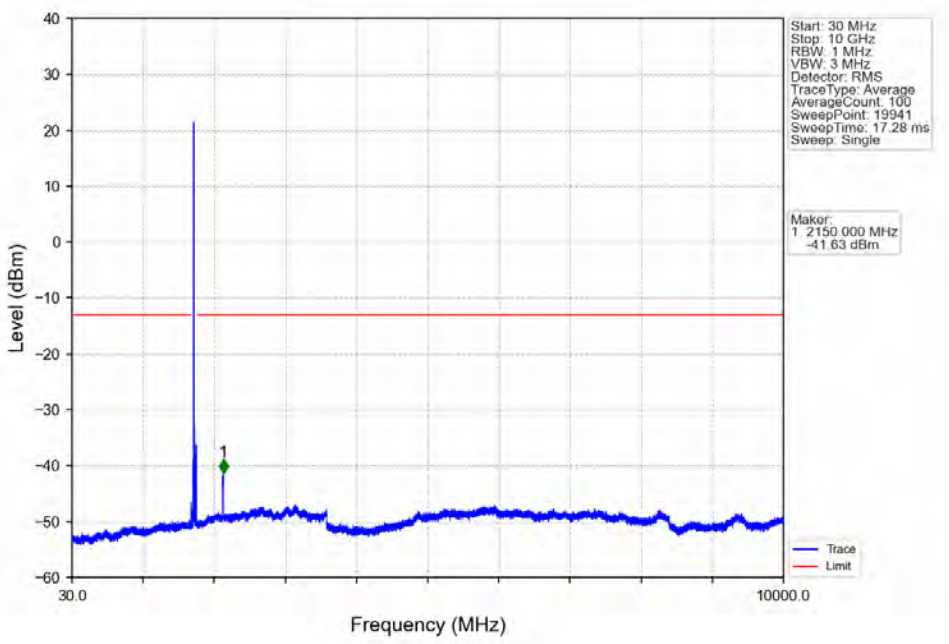

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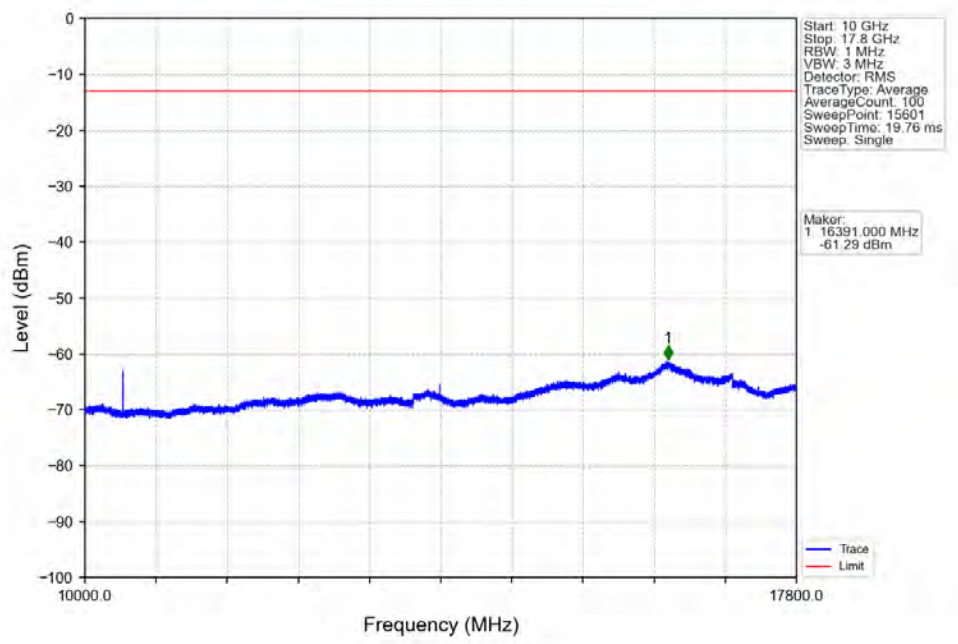
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



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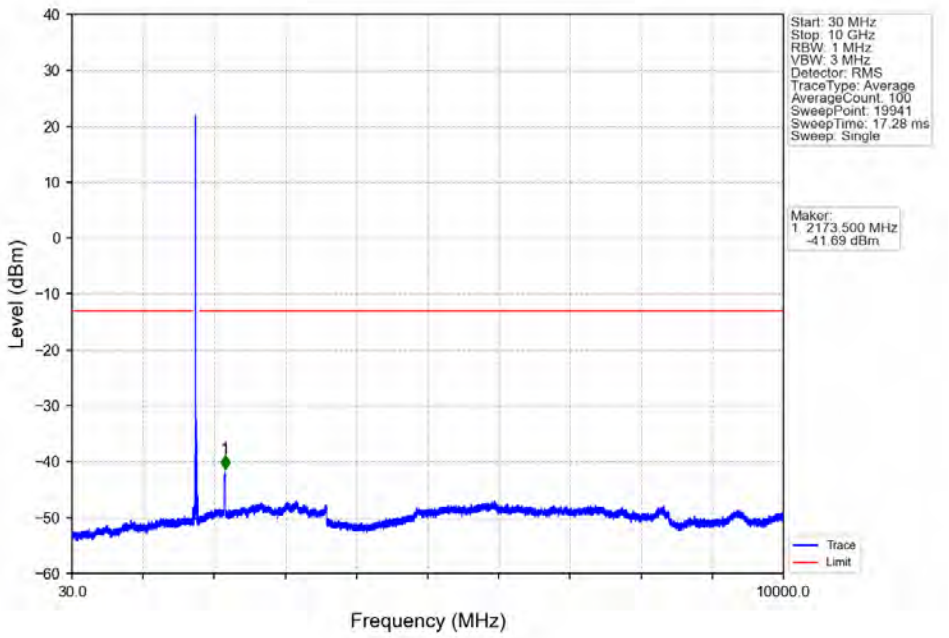

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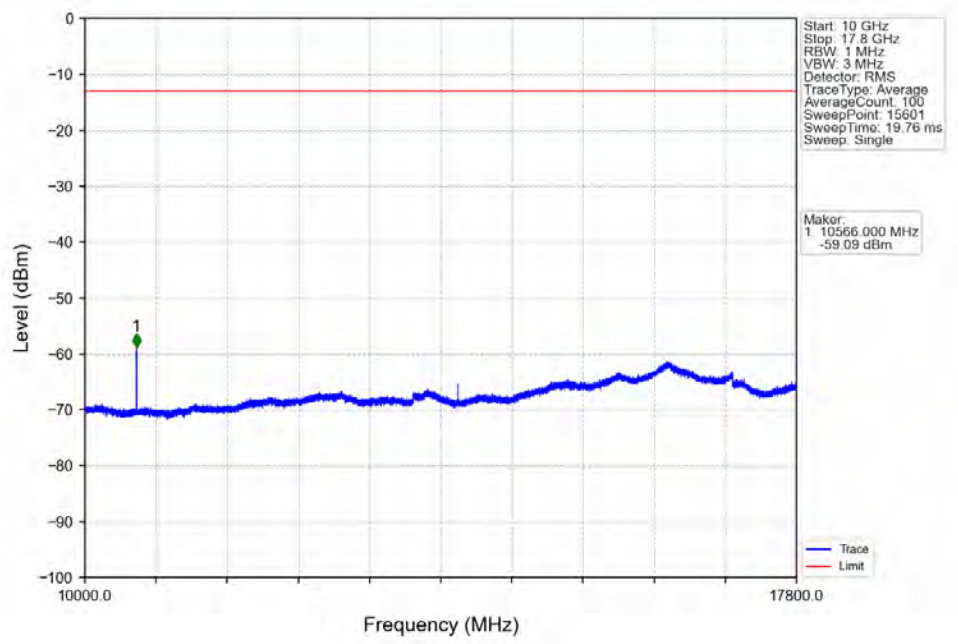

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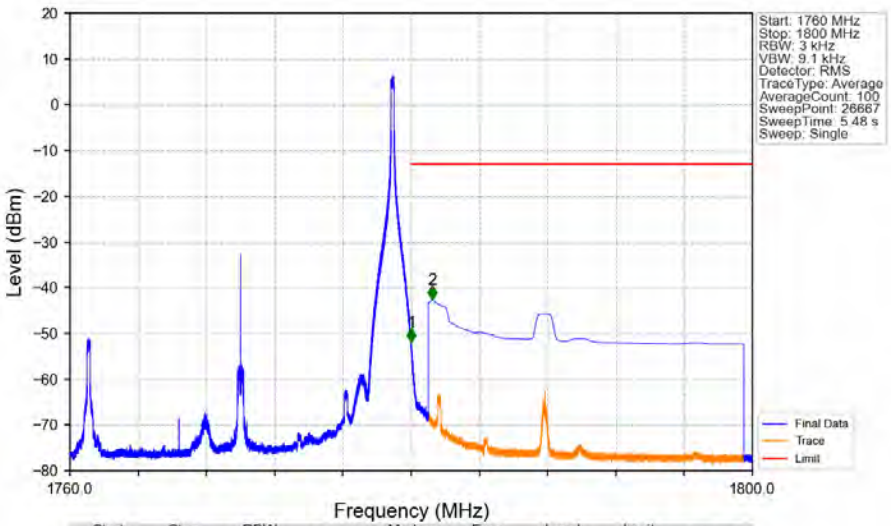

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-51.93	-13	Pass
1781	1800	1	CHP	2	1781.233	-42.69	-13	Pass

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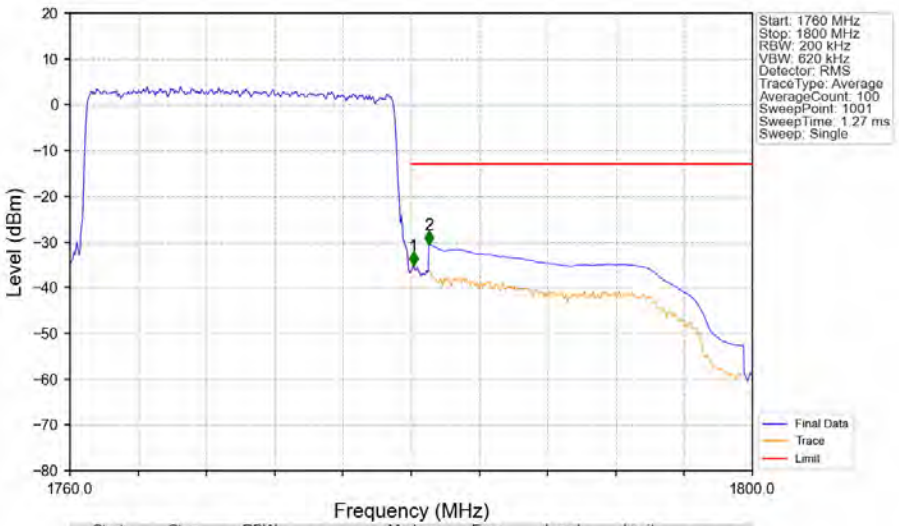
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.2	/	/	/	/	/	/
1780	1781	0.2	/	1	1780.120	-35.26	-13	Pass
1781	1800	1	CHP	2	1781.040	-30.57	-13	Pass

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6. Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.18	34.39	-43.30	29.58	-74.59	-13.00	61.59	Horizontal
2	5106.27	32.86	-41.25	33.18	-70.47	-13.00	57.47	Horizontal
3	6808.36	32.54	-38.45	35.92	-65.25	-13.00	52.25	Horizontal
4	8510.45	30.57	-35.53	37.36	-62.87	-13.00	49.87	Horizontal
5	10212.54	29.35	-32.06	38.01	-59.97	-13.00	46.97	Horizontal
6	11914.63	27.32	-29.69	38.40	-59.23	-13.00	46.23	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.18	33.84	-43.30	29.58	-75.14	-13.00	62.14	Vertical
2	5106.27	32.36	-41.25	33.18	-70.97	-13.00	57.97	Vertical
3	6808.36	31.68	-38.45	35.92	-66.11	-13.00	53.11	Vertical
4	8510.45	30.68	-35.53	37.36	-62.76	-13.00	49.76	Vertical
5	10212.54	29.29	-32.06	38.01	-60.03	-13.00	47.03	Vertical
6	11914.63	27.49	-29.69	38.40	-59.06	-13.00	46.06	Vertical

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Test Band = LTE Band 66_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.18	34.46	-43.18	29.59	-74.39	-13.00	61.39	Horizontal
2	5181.27	32.23	-40.90	33.16	-70.76	-13.00	57.76	Horizontal
3	6908.36	31.36	-38.33	35.96	-66.27	-13.00	53.27	Horizontal
4	8635.45	29.67	-35.26	37.42	-63.43	-13.00	50.43	Horizontal
5	10362.54	28.22	-31.74	38.08	-60.70	-13.00	47.70	Horizontal
6	12089.63	28.05	-29.29	38.51	-57.99	-13.00	44.99	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.18	34.45	-43.18	29.59	-74.40	-13.00	61.40	Vertical
2	5181.27	32.54	-40.90	33.16	-70.45	-13.00	57.45	Vertical
3	6908.36	31.76	-38.33	35.96	-65.87	-13.00	52.87	Vertical
4	8635.45	30.34	-35.26	37.42	-62.76	-13.00	49.76	Vertical
5	10362.54	28.05	-31.74	38.08	-60.87	-13.00	47.87	Vertical
6	12089.63	28.47	-29.29	38.51	-57.57	-13.00	44.57	Vertical

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Test Band = LTE Band 66_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.18	33.80	-43.06	29.62	-74.91	-13.00	61.91	Horizontal
2	5256.27	32.54	-40.87	33.15	-70.44	-13.00	57.44	Horizontal
3	7008.36	32.47	-38.36	36.01	-65.14	-13.00	52.14	Horizontal
4	8760.45	29.71	-35.11	37.48	-63.18	-13.00	50.18	Horizontal
5	10512.54	27.39	-31.19	38.16	-60.90	-13.00	47.90	Horizontal
6	12262.63	27.75	-29.89	38.72	-58.68	-13.00	45.68	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.18	33.79	-43.06	29.62	-74.92	-13.00	61.92	Vertical
2	5256.27	32.61	-40.87	33.15	-70.37	-13.00	57.37	Vertical
3	7008.36	31.90	-38.36	36.01	-65.71	-13.00	52.71	Vertical
4	8760.45	30.16	-35.11	37.48	-62.73	-13.00	49.73	Vertical
5	10512.54	28.28	-31.19	38.16	-60.01	-13.00	47.01	Vertical
6	12262.63	27.38	-29.89	38.72	-59.05	-13.00	46.05	Vertical

Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

---End of Attachment---

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