

1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

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	22.98	0.48	23.46	<=30	Pass
			2	23.18	0.48	23.66	<=30	Pass
			5	22.99	0.48	23.47	<=30	Pass
		3	0	23.01	0.48	23.49	<=30	Pass
			2	22.96	0.48	23.44	<=30	Pass
			3	23.00	0.48	23.48	<=30	Pass
		6	0	22.06	0.48	22.54	<=30	Pass
	1745	1	0	22.81	0.48	23.29	<=30	Pass
			2	23.03	0.48	23.51	<=30	Pass
			5	22.80	0.48	23.28	<=30	Pass
		3	0	22.87	0.48	23.35	<=30	Pass
			2	22.90	0.48	23.38	<=30	Pass
			3	22.88	0.48	23.36	<=30	Pass
		6	0	21.96	0.48	22.44	<=30	Pass
	1779.3	1	0	22.66	0.48	23.14	<=30	Pass
			2	22.87	0.48	23.35	<=30	Pass
			5	22.63	0.48	23.11	<=30	Pass
		3	0	22.50	0.48	22.98	<=30	Pass
			2	22.56	0.48	23.04	<=30	Pass
			3	22.47	0.48	22.95	<=30	Pass
		6	0	21.43	0.48	21.91	<=30	Pass
16QAM	1710.7	1	0	22.20	0.48	22.68	<=30	Pass
			2	22.40	0.48	22.88	<=30	Pass
			5	22.16	0.48	22.64	<=30	Pass
		3	0	21.97	0.48	22.45	<=30	Pass
			2	21.95	0.48	22.43	<=30	Pass
			3	21.97	0.48	22.45	<=30	Pass
		6	0	20.98	0.48	21.46	<=30	Pass
	1745	1	0	21.67	0.48	22.15	<=30	Pass
			2	21.64	0.48	22.12	<=30	Pass
			5	21.41	0.48	21.89	<=30	Pass
		3	0	21.61	0.48	22.09	<=30	Pass
			2	21.51	0.48	21.99	<=30	Pass
			3	21.52	0.48	22.00	<=30	Pass
		6	0	20.56	0.48	21.04	<=30	Pass
	1779.3	1	0	21.34	0.48	21.82	<=30	Pass
			2	21.62	0.48	22.10	<=30	Pass
			5	21.43	0.48	21.91	<=30	Pass
		3	0	21.45	0.48	21.93	<=30	Pass
			2	21.51	0.48	21.99	<=30	Pass
			3	21.49	0.48	21.97	<=30	Pass
		6	0	20.65	0.48	21.13	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	22.96	0.48	23.44	<=30	Pass
			7	22.87	0.48	23.35	<=30	Pass
			14	22.93	0.48	23.41	<=30	Pass
		8	0	21.96	0.48	22.44	<=30	Pass
			4	22.00	0.48	22.48	<=30	Pass
			7	21.90	0.48	22.38	<=30	Pass
		15	0	21.85	0.48	22.33	<=30	Pass
	1745	1	0	22.70	0.48	23.18	<=30	Pass
			7	22.39	0.48	22.87	<=30	Pass
			14	22.39	0.48	22.87	<=30	Pass
		8	0	21.32	0.48	21.80	<=30	Pass
			4	21.39	0.48	21.87	<=30	Pass
			7	21.36	0.48	21.84	<=30	Pass
		15	0	21.30	0.48	21.78	<=30	Pass
	1778.5	1	0	22.35	0.48	22.83	<=30	Pass
			7	22.24	0.48	22.72	<=30	Pass
			14	22.25	0.48	22.73	<=30	Pass
		8	0	21.47	0.48	21.95	<=30	Pass
			4	21.42	0.48	21.90	<=30	Pass
			7	21.34	0.48	21.82	<=30	Pass
		15	0	21.38	0.48	21.86	<=30	Pass
16QAM	1711.5	1	0	21.86	0.48	22.34	<=30	Pass
			7	21.74	0.48	22.22	<=30	Pass
			14	21.72	0.48	22.20	<=30	Pass
		8	0	20.83	0.48	21.31	<=30	Pass
			4	20.87	0.48	21.35	<=30	Pass
			7	20.84	0.48	21.32	<=30	Pass
		15	0	20.77	0.48	21.25	<=30	Pass
	1745	1	0	21.29	0.48	21.77	<=30	Pass
			7	21.17	0.48	21.65	<=30	Pass
			14	21.20	0.48	21.68	<=30	Pass
		8	0	20.31	0.48	20.79	<=30	Pass
			4	20.30	0.48	20.78	<=30	Pass
	7	20.24	0.48	20.72	<=30	Pass		
	15	0	20.29	0.48	20.77	<=30	Pass	
	1778.5	1	0	21.69	0.48	22.17	<=30	Pass
			7	21.66	0.48	22.14	<=30	Pass
			14	21.73	0.48	22.21	<=30	Pass
		8	0	20.35	0.48	20.83	<=30	Pass
4			20.50	0.48	20.98	<=30	Pass	
7		20.46	0.48	20.94	<=30	Pass		
15	0	20.56	0.48	21.04	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.68	0.48	23.16	<=30	Pass
			13	22.71	0.48	23.19	<=30	Pass
			24	22.47	0.48	22.95	<=30	Pass
		12	0	21.59	0.48	22.07	<=30	Pass
			6	21.76	0.48	22.24	<=30	Pass
			13	21.73	0.48	22.21	<=30	Pass
		25	0	21.65	0.48	22.13	<=30	Pass
	1745	1	0	22.28	0.48	22.76	<=30	Pass
			13	22.37	0.48	22.85	<=30	Pass
			24	22.18	0.48	22.66	<=30	Pass
		12	0	21.30	0.48	21.78	<=30	Pass
			6	21.35	0.48	21.83	<=30	Pass
			13	21.26	0.48	21.74	<=30	Pass
	25	0	21.30	0.48	21.78	<=30	Pass	
	1777.5	1	0	22.06	0.48	22.54	<=30	Pass
			13	22.18	0.48	22.66	<=30	Pass
			24	22.01	0.48	22.49	<=30	Pass
		12	0	21.13	0.48	21.61	<=30	Pass
			6	21.20	0.48	21.68	<=30	Pass
			13	21.13	0.48	21.61	<=30	Pass
		25	0	21.13	0.48	21.61	<=30	Pass
16QAM		1712.5	1	0	21.40	0.48	21.88	<=30
	13			21.57	0.48	22.05	<=30	Pass
	24			21.41	0.48	21.89	<=30	Pass
	12		0	20.58	0.48	21.06	<=30	Pass
			6	20.70	0.48	21.18	<=30	Pass
			13	20.66	0.48	21.14	<=30	Pass
	25		0	20.67	0.48	21.15	<=30	Pass
	1745	1	0	21.63	0.48	22.11	<=30	Pass
			13	21.70	0.48	22.18	<=30	Pass
			24	21.49	0.48	21.97	<=30	Pass
		12	0	20.24	0.48	20.72	<=30	Pass
			6	20.30	0.48	20.78	<=30	Pass
	25	0	20.25	0.48	20.73	<=30	Pass	
	1777.5	1	0	20.96	0.48	21.44	<=30	Pass
			13	21.14	0.48	21.62	<=30	Pass
			24	20.95	0.48	21.43	<=30	Pass
		12	0	20.22	0.48	20.70	<=30	Pass
			6	20.33	0.48	20.81	<=30	Pass
		13	20.16	0.48	20.64	<=30	Pass	
		25	0	20.20	0.48	20.68	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

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	22.89	0.48	23.37	<=30	Pass
			25	22.69	0.48	23.17	<=30	Pass
			49	22.78	0.48	23.26	<=30	Pass
		25	0	21.75	0.48	22.23	<=30	Pass
			13	21.92	0.48	22.40	<=30	Pass
			25	21.73	0.48	22.21	<=30	Pass
		50	0	21.85	0.48	22.33	<=30	Pass
	1745	1	0	22.43	0.48	22.91	<=30	Pass
			25	22.49	0.48	22.97	<=30	Pass
			49	22.37	0.48	22.85	<=30	Pass
		25	0	21.36	0.48	21.84	<=30	Pass
			13	21.33	0.48	21.81	<=30	Pass
			25	21.35	0.48	21.83	<=30	Pass
		50	0	21.36	0.48	21.84	<=30	Pass
	1775	1	0	22.23	0.48	22.71	<=30	Pass
			25	22.31	0.48	22.79	<=30	Pass
			49	22.16	0.48	22.64	<=30	Pass
		25	0	21.18	0.48	21.66	<=30	Pass
			13	21.15	0.48	21.63	<=30	Pass
			25	21.16	0.48	21.64	<=30	Pass
		50	0	21.16	0.48	21.64	<=30	Pass
16QAM	1715	1	0	21.38	0.48	21.86	<=30	Pass
			25	21.53	0.48	22.01	<=30	Pass
			49	21.54	0.48	22.02	<=30	Pass
		25	0	20.75	0.48	21.23	<=30	Pass
			13	20.89	0.48	21.37	<=30	Pass
			25	20.76	0.48	21.24	<=30	Pass
		50	0	20.75	0.48	21.23	<=30	Pass
	1745	1	0	21.28	0.48	21.76	<=30	Pass
			25	21.27	0.48	21.75	<=30	Pass
			49	21.14	0.48	21.62	<=30	Pass
		25	0	20.41	0.48	20.89	<=30	Pass
			13	20.36	0.48	20.84	<=30	Pass
			25	20.38	0.48	20.86	<=30	Pass
		50	0	20.35	0.48	20.83	<=30	Pass
	1775	1	0	21.41	0.48	21.89	<=30	Pass
			25	21.55	0.48	22.03	<=30	Pass
			49	21.46	0.48	21.94	<=30	Pass
		25	0	20.15	0.48	20.63	<=30	Pass
13			20.28	0.48	20.76	<=30	Pass	
25			20.23	0.48	20.71	<=30	Pass	
50		0	20.24	0.48	20.72	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

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	22.72	0.48	23.20	<=30	Pass		
			38	22.64	0.48	23.12	<=30	Pass		
			74	22.53	0.48	23.01	<=30	Pass		
		36	0	21.68	0.48	22.16	<=30	Pass		
			18	21.74	0.48	22.22	<=30	Pass		
			39	21.59	0.48	22.07	<=30	Pass		
		75	0	21.61	0.48	22.09	<=30	Pass		
		1745	1	0	22.38	0.48	22.86	<=30	Pass	
				38	22.40	0.48	22.88	<=30	Pass	
	74			22.26	0.48	22.74	<=30	Pass		
	36		0	21.40	0.48	21.88	<=30	Pass		
			18	21.39	0.48	21.87	<=30	Pass		
			39	21.42	0.48	21.90	<=30	Pass		
	75		0	21.43	0.48	21.91	<=30	Pass		
	1772.5		1	0	22.24	0.48	22.72	<=30	Pass	
				38	22.24	0.48	22.72	<=30	Pass	
		74		22.00	0.48	22.48	<=30	Pass		
		36	0	21.30	0.48	21.78	<=30	Pass		
			18	21.29	0.48	21.77	<=30	Pass		
			39	21.21	0.48	21.69	<=30	Pass		
		75	0	21.26	0.48	21.74	<=30	Pass		
		16QAM	1717.5	1	0	21.44	0.48	21.92	<=30	Pass
					38	21.50	0.48	21.98	<=30	Pass
	74				21.39	0.48	21.87	<=30	Pass	
	36			0	20.42	0.48	20.90	<=30	Pass	
				18	20.61	0.48	21.09	<=30	Pass	
				39	20.67	0.48	21.15	<=30	Pass	
75	0			20.74	0.48	21.22	<=30	Pass		
1745	1			0	21.27	0.48	21.75	<=30	Pass	
				38	21.26	0.48	21.74	<=30	Pass	
			74	20.98	0.48	21.46	<=30	Pass		
	36		0	20.37	0.48	20.85	<=30	Pass		
			18	20.30	0.48	20.78	<=30	Pass		
			39	20.33	0.48	20.81	<=30	Pass		
	75		0	20.38	0.48	20.86	<=30	Pass		
	1772.5		1	0	20.90	0.48	21.38	<=30	Pass	
				38	21.06	0.48	21.54	<=30	Pass	
74				20.97	0.48	21.45	<=30	Pass		
36			0	20.18	0.48	20.66	<=30	Pass		
			18	20.20	0.48	20.68	<=30	Pass		
			39	20.17	0.48	20.65	<=30	Pass		
75			0	20.19	0.48	20.67	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dbi)	Result	Limit		
QPSK	1720	1	0	22.14	0.48	22.62	<=30	Pass	
			50	22.50	0.48	22.98	<=30	Pass	
			99	22.13	0.48	22.61	<=30	Pass	
		50	0	21.35	0.48	21.83	<=30	Pass	
			25	21.39	0.48	21.87	<=30	Pass	
			50	21.33	0.48	21.81	<=30	Pass	
		100	0	21.36	0.48	21.84	<=30	Pass	
		1745	1	0	22.19	0.48	22.67	<=30	Pass
				50	22.41	0.48	22.89	<=30	Pass
	99			21.98	0.48	22.46	<=30	Pass	
	50		0	21.36	0.48	21.84	<=30	Pass	
			25	21.36	0.48	21.84	<=30	Pass	
			50	21.30	0.48	21.78	<=30	Pass	
	100		0	21.30	0.48	21.78	<=30	Pass	
	1770		1	0	21.99	0.48	22.47	<=30	Pass
				50	22.31	0.48	22.79	<=30	Pass
		99		21.84	0.48	22.32	<=30	Pass	
		50	0	21.06	0.48	21.54	<=30	Pass	
			25	21.10	0.48	21.58	<=30	Pass	
			50	21.09	0.48	21.57	<=30	Pass	
		100	0	21.06	0.48	21.54	<=30	Pass	
16QAM		1720	1	0	21.50	0.48	21.98	<=30	Pass
				50	21.88	0.48	22.36	<=30	Pass
	99			21.53	0.48	22.01	<=30	Pass	
	50		0	20.33	0.48	20.81	<=30	Pass	
			25	20.43	0.48	20.91	<=30	Pass	
			50	20.35	0.48	20.83	<=30	Pass	
	100		0	20.33	0.48	20.81	<=30	Pass	
	1745	1	0	21.04	0.48	21.52	<=30	Pass	
			50	21.22	0.48	21.70	<=30	Pass	
			99	20.75	0.48	21.23	<=30	Pass	
		50	0	20.37	0.48	20.85	<=30	Pass	
			25	20.30	0.48	20.78	<=30	Pass	
			50	20.25	0.48	20.73	<=30	Pass	
		100	0	20.33	0.48	20.81	<=30	Pass	
	1770	1	0	20.79	0.48	21.27	<=30	Pass	
			50	21.16	0.48	21.64	<=30	Pass	
			99	20.85	0.48	21.33	<=30	Pass	
		50	0	19.96	0.48	20.44	<=30	Pass	
			25	20.03	0.48	20.51	<=30	Pass	
			50	20.04	0.48	20.52	<=30	Pass	
		100	0	20.02	0.48	20.50	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

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	2.875	0.0017	-2.5 to 2.5	Pass
					3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	2.146	0.0013	-2.5 to 2.5	Pass
				-10	3.85	5.980	0.0035	-2.5 to 2.5	Pass
				0	3.85	3.390	0.0020	-2.5 to 2.5	Pass
				10	3.85	-9.599	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-8.297	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				50	3.85	5.450	0.0032	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				50	3.85	1.917	0.0011	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-4.663	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
					4.43	4.020	0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-5.364	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-9.956	-0.0056	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				10	3.85	-12.388	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-17.037	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-6.280	-0.0035	-2.5 to 2.5	Pass
				50	3.85	2.503	0.0014	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-5.422	-0.0032	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
					4.43	2.346	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-10.057	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				0	3.85	2.346	0.0014	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-8.426	-0.0048	-2.5 to 2.5	Pass
					3.85	4.692	0.0027	-2.5 to 2.5	Pass
					4.43	-11.129	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	3.204	0.0018	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				10	3.85	6.909	0.0040	-2.5 to 2.5	Pass
				30	3.85	4.807	0.0028	-2.5 to 2.5	Pass

	1779.3	6	0	40	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				50	3.85	6.738	0.0039	-2.5 to 2.5	Pass
				20	3.27	-0.472	-0.0003	-2.5 to 2.5	Pass
					3.85	-11.287	-0.0063	-2.5 to 2.5	Pass
					4.43	-12.059	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-9.069	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-9.470	-0.0053	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

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	1.531	0.0009	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
					4.43	1.459	0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.076	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-10.972	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	4.721	0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				30	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	2.289	0.0013	-2.5 to 2.5	Pass
					3.85	4.964	0.0028	-2.5 to 2.5	Pass
					4.43	-2.275	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-7.324	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-8.454	-0.0048	-2.5 to 2.5	Pass
				0	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				10	3.85	4.520	0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-8.926	-0.0051	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-10.171	-0.0057	-2.5 to 2.5	Pass
					3.85	4.649	0.0026	-2.5 to 2.5	Pass
					4.43	-0.329	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-12.732	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-5.536	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass

				40	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-11.873	-0.0067	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-8.283	-0.0048	-2.5 to 2.5	Pass
					3.85	4.377	0.0026	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	2.146	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-7.510	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-6.409	-0.0037	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
					4.43	-8.125	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-3.920	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	12.646	0.0072	-2.5 to 2.5	Pass
				0	3.85	3.777	0.0022	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	3.033	0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				50	3.85	2.561	0.0015	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-0.744	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
					4.43	2.904	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-14.048	-0.0079	-2.5 to 2.5	Pass
				0	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-12.431	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass

2.3 B66_5MHz

2.3.1 Test Result

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	-7.339	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.794	-0.0034	-2.5 to 2.5	Pass
					4.43	-7.110	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-9.513	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-11.101	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-11.573	-0.0068	-2.5 to 2.5	Pass

				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-5.250	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-12.589	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-15.292	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				40	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				50	3.85	3.662	0.0021	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	5.550	0.0031	-2.5 to 2.5	Pass
					3.85	-6.294	-0.0035	-2.5 to 2.5	Pass
					4.43	-9.656	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-7.482	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
				0	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-6.394	-0.0037	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
					4.43	-4.520	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.064	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-9.255	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-12.531	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-11.015	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-3.362	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-2.360	-0.0014	-2.5 to 2.5	Pass
					3.85	-14.577	-0.0084	-2.5 to 2.5	Pass
					4.43	-7.668	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-6.680	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-11.115	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0000	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-4.263	-0.0024	-2.5 to 2.5	Pass
					3.85	-8.912	-0.0050	-2.5 to 2.5	Pass
					4.43	3.834	0.0022	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-7.825	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.85	-11.215	-0.0063	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0047	-2.5 to 2.5	Pass

				40	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				50	3.85	9.255	0.0052	-2.5 to 2.5	Pass

2.4 B66_10MHz

2.4.1 Test Result

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	-9.713	-0.0057	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
					4.43	-6.509	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.891	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
					4.43	-4.921	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	2.074	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-0.429	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-6.638	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.550	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.478	-0.0025	-2.5 to 2.5	Pass
				0	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-9.699	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-10.142	-0.0057	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-3.591	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.675	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-8.025	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass

				40	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	0.572	0.0003	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	-8.411	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.920	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.854	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				50	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-6.781	-0.0038	-2.5 to 2.5	Pass
					3.85	-7.768	-0.0044	-2.5 to 2.5	Pass
					4.43	-1.659	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-11.516	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	1.817	0.0010	-2.5 to 2.5	Pass

2.5 B66_15MHz

2.5.1 Test Result

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	-8.111	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-7.153	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-2.704	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-5.393	-0.0031	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass

				40	3.85	-7.195	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0041	-2.5 to 2.5	Pass
					-30	3.85	-1.702	-0.0010	-2.5 to 2.5
				-20	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.891	0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-6.938	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-1.945	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.048	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.236	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-7.696	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-7.567	-0.0043	-2.5 to 2.5	Pass
					3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
					4.43	-4.950	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-6.938	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass
1772.5	75	0	20	3.27	-7.925	-0.0045	-2.5 to 2.5	Pass	
				3.85	-9.756	-0.0055	-2.5 to 2.5	Pass	
				4.43	-5.493	-0.0031	-2.5 to 2.5	Pass	
			-30	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass	
			-20	3.85	-5.679	-0.0032	-2.5 to 2.5	Pass	
			-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass	
			0	3.85	-14.162	-0.0080	-2.5 to 2.5	Pass	
			10	3.85	-5.708	-0.0032	-2.5 to 2.5	Pass	
			30	3.85	-5.922	-0.0033	-2.5 to 2.5	Pass	
			40	3.85	-7.539	-0.0043	-2.5 to 2.5	Pass	
			50	3.85	-5.021	-0.0028	-2.5 to 2.5	Pass	

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	3.27	-11.530	-0.0067	-2.5 to 2.5	Pass
					3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
					4.43	-2.933	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-9.184	-0.0053	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.465	-0.0031	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.807	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.589	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.761	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.247	-0.0018	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-6.180	-0.0036	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
					4.43	-6.938	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0024	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-6.909	-0.0040	-2.5 to 2.5	Pass
					3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.815	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass

	1770	100	0	40	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-7.167	-0.0040	-2.5 to 2.5	Pass
					3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.977	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass

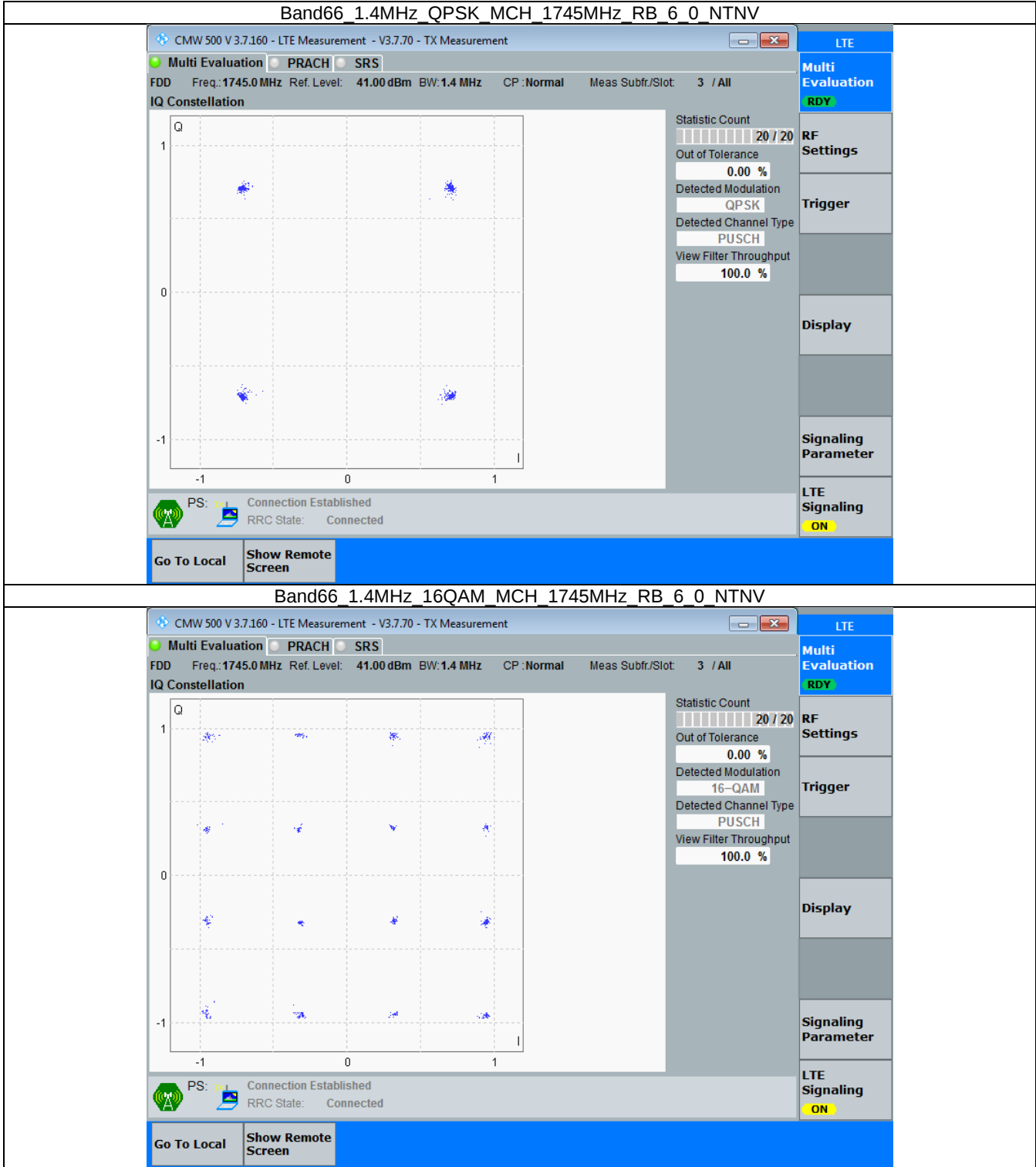
3. Modulation Characteristics

3.1 B66_1.4MHz

3.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
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 Test Graph

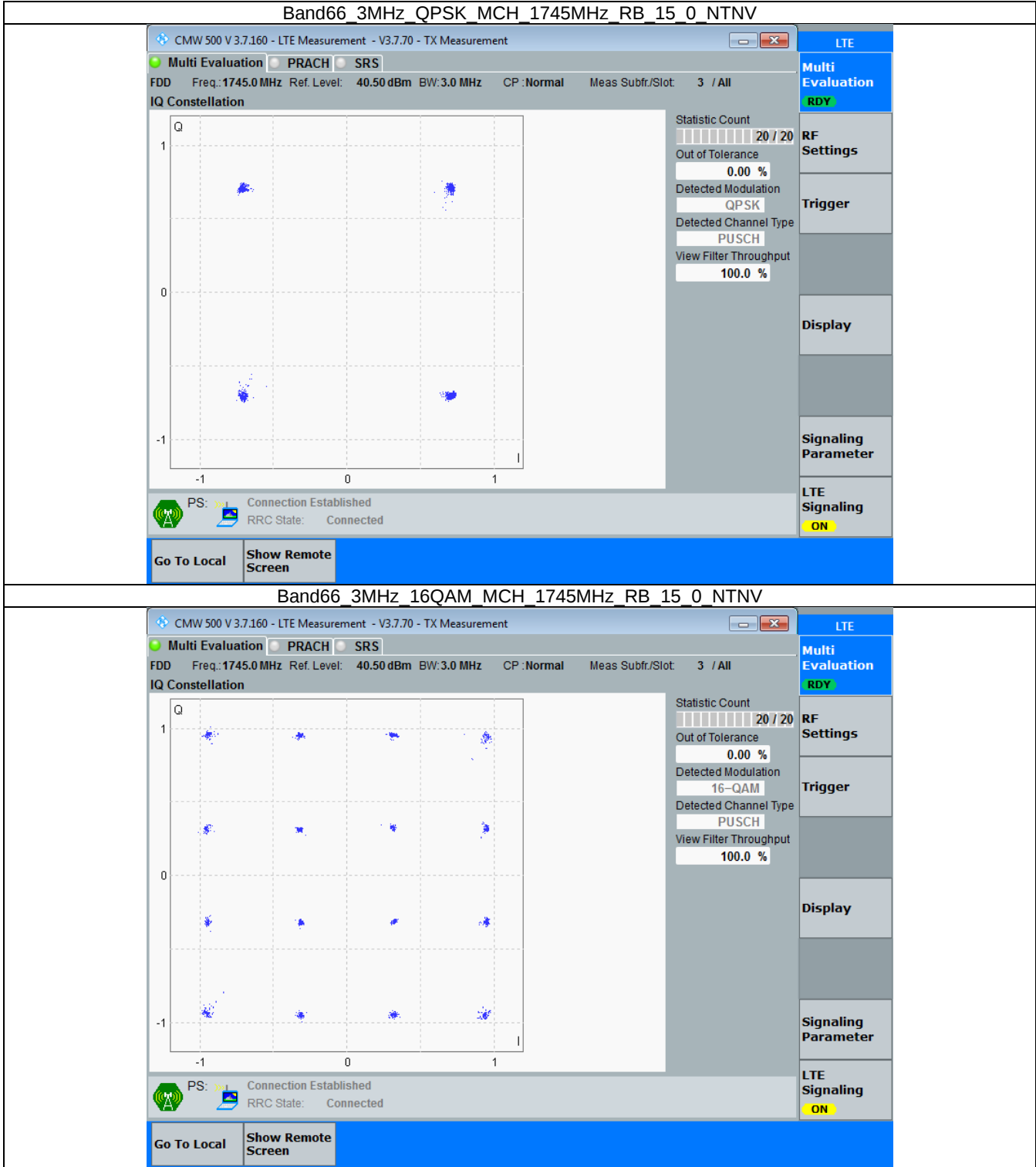


3.2 B66_3MHz

3.2.1 Test Result

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

3.2.2 Test Graph

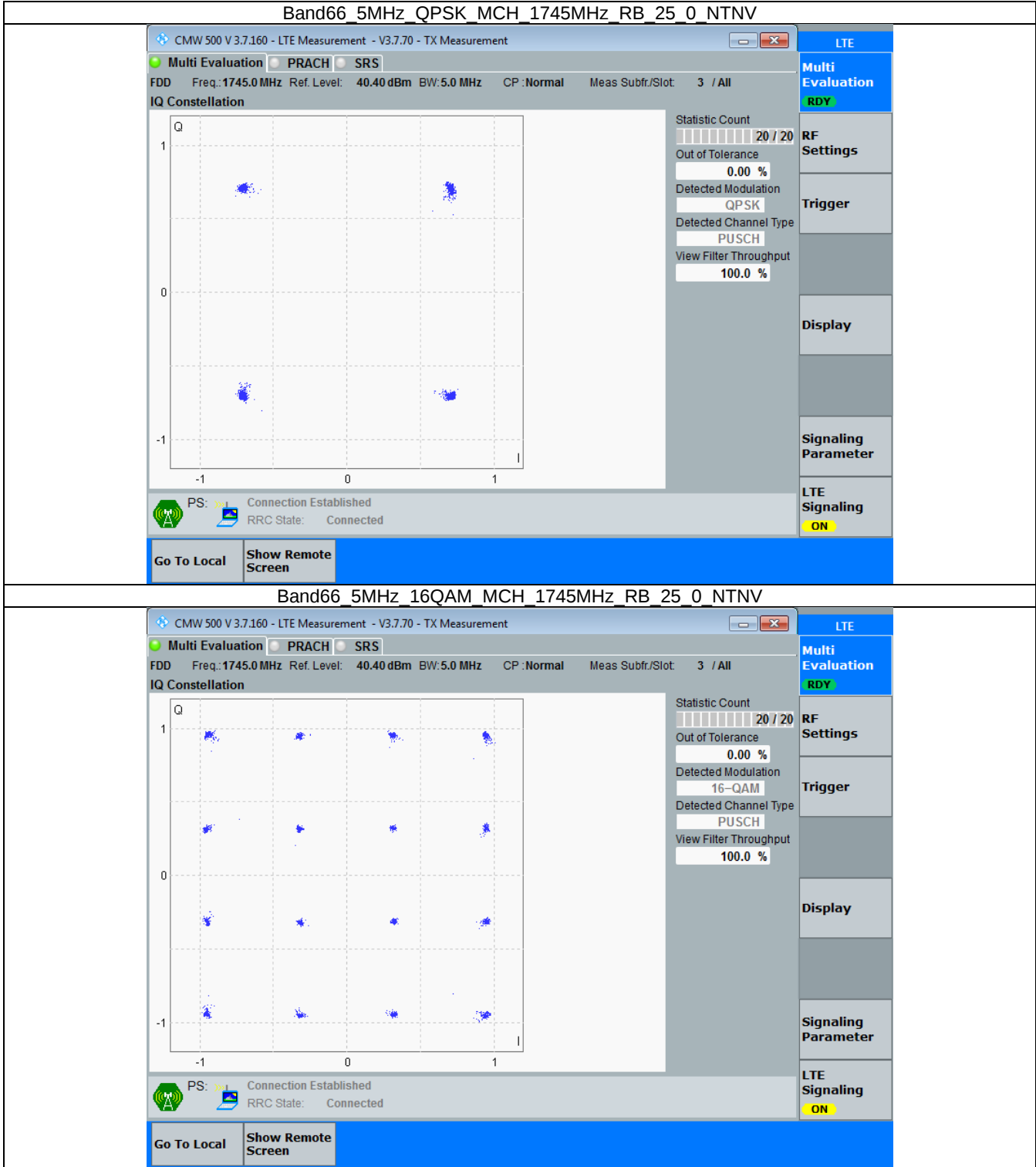


3.3 B66_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

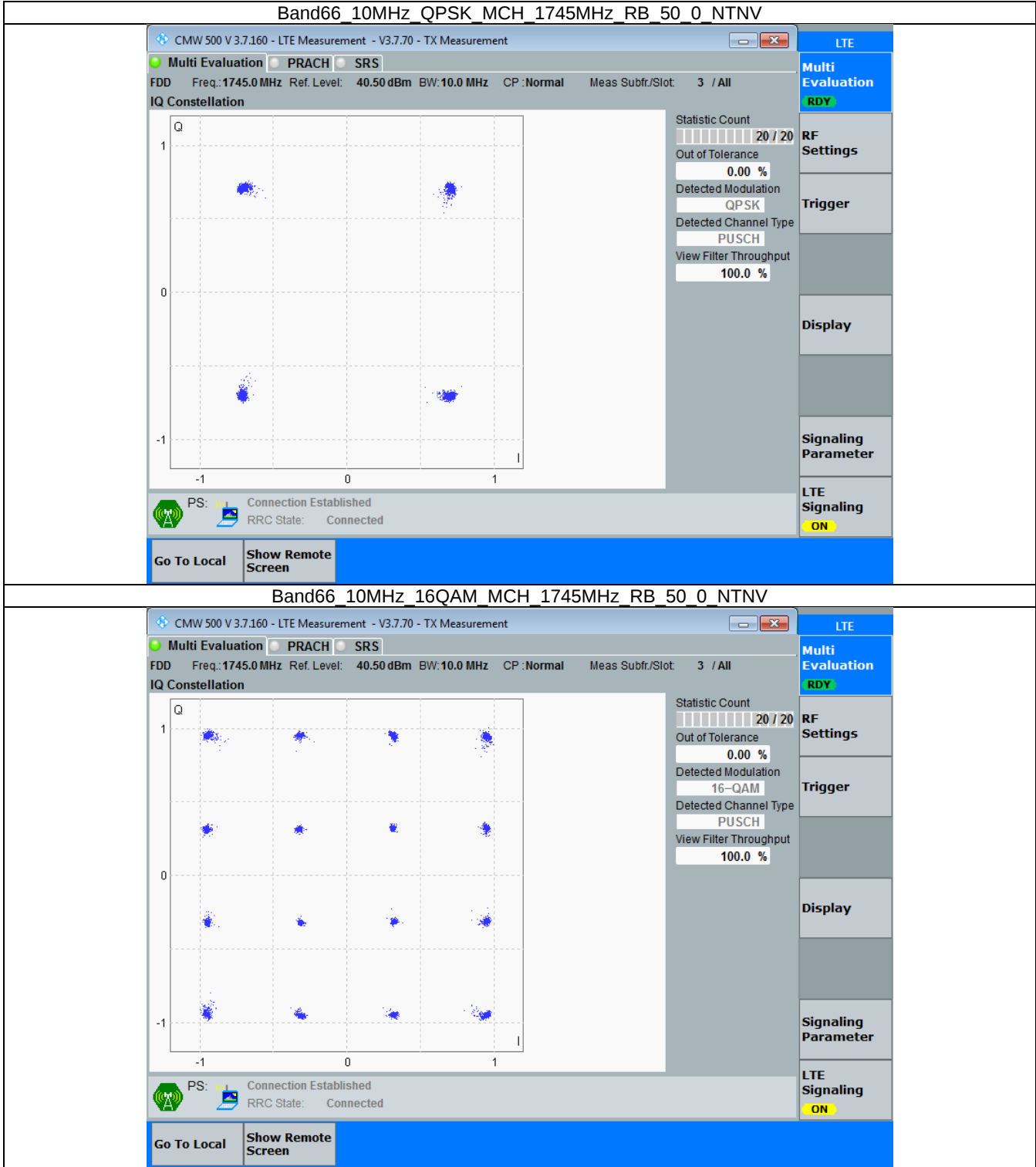


3.4 B66_10MHz

3.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTVN						
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

3.4.2 Test Graph

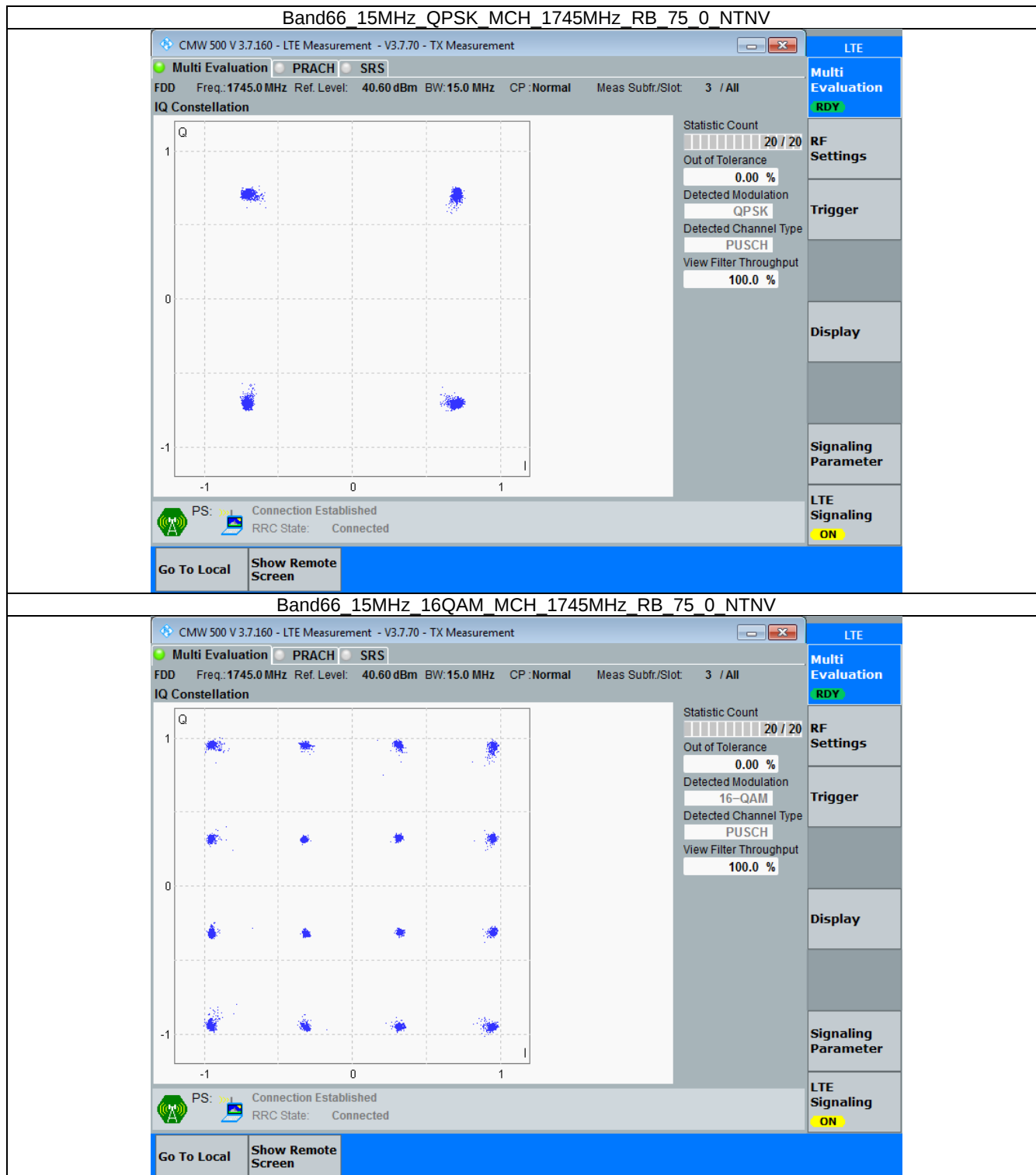


3.5 B66_15MHz

3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTVN						
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

3.5.2 Test Graph

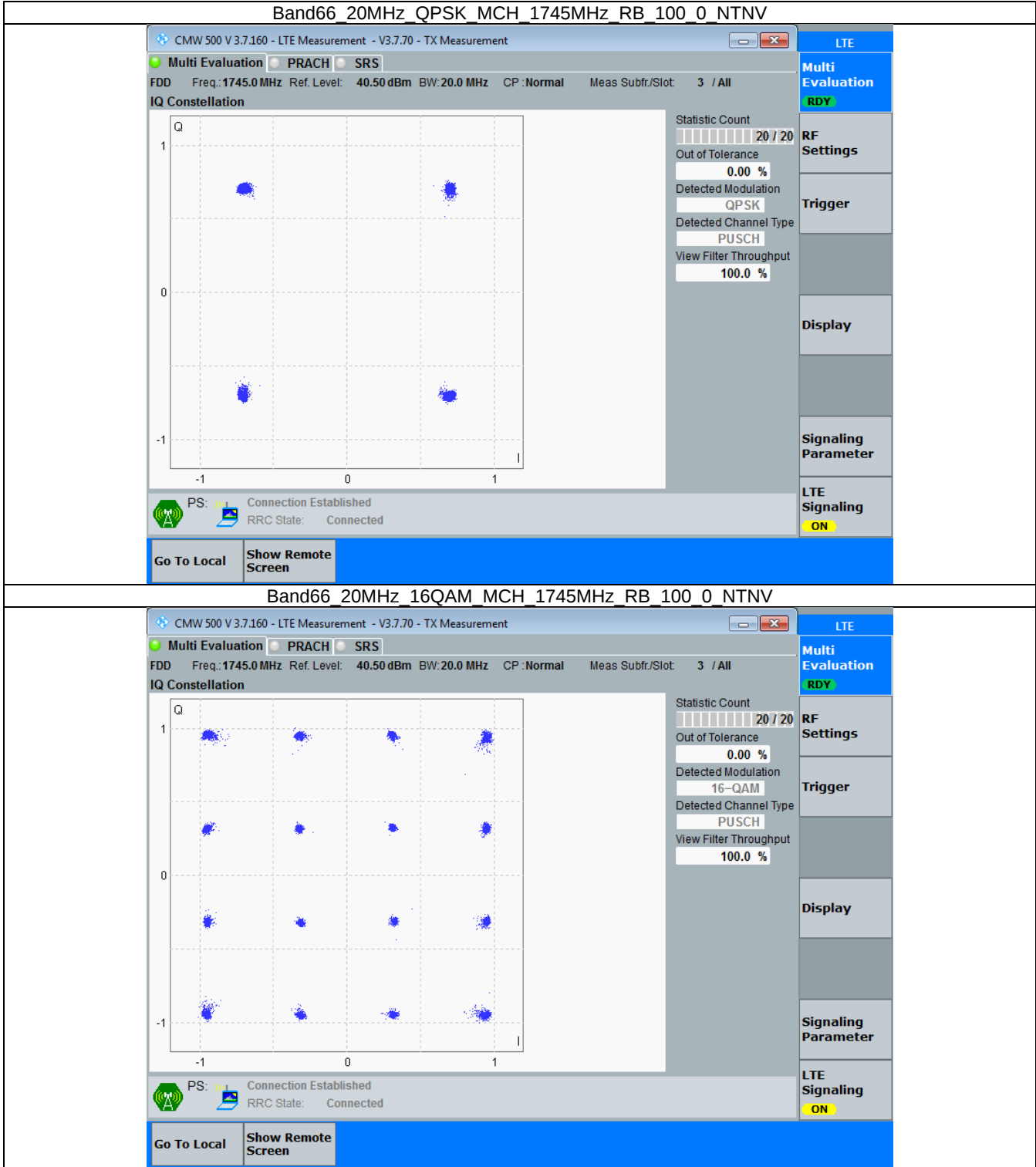


3.6 B66_20MHz

3.6.1 Test Result

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

3.6.2 Test Graph



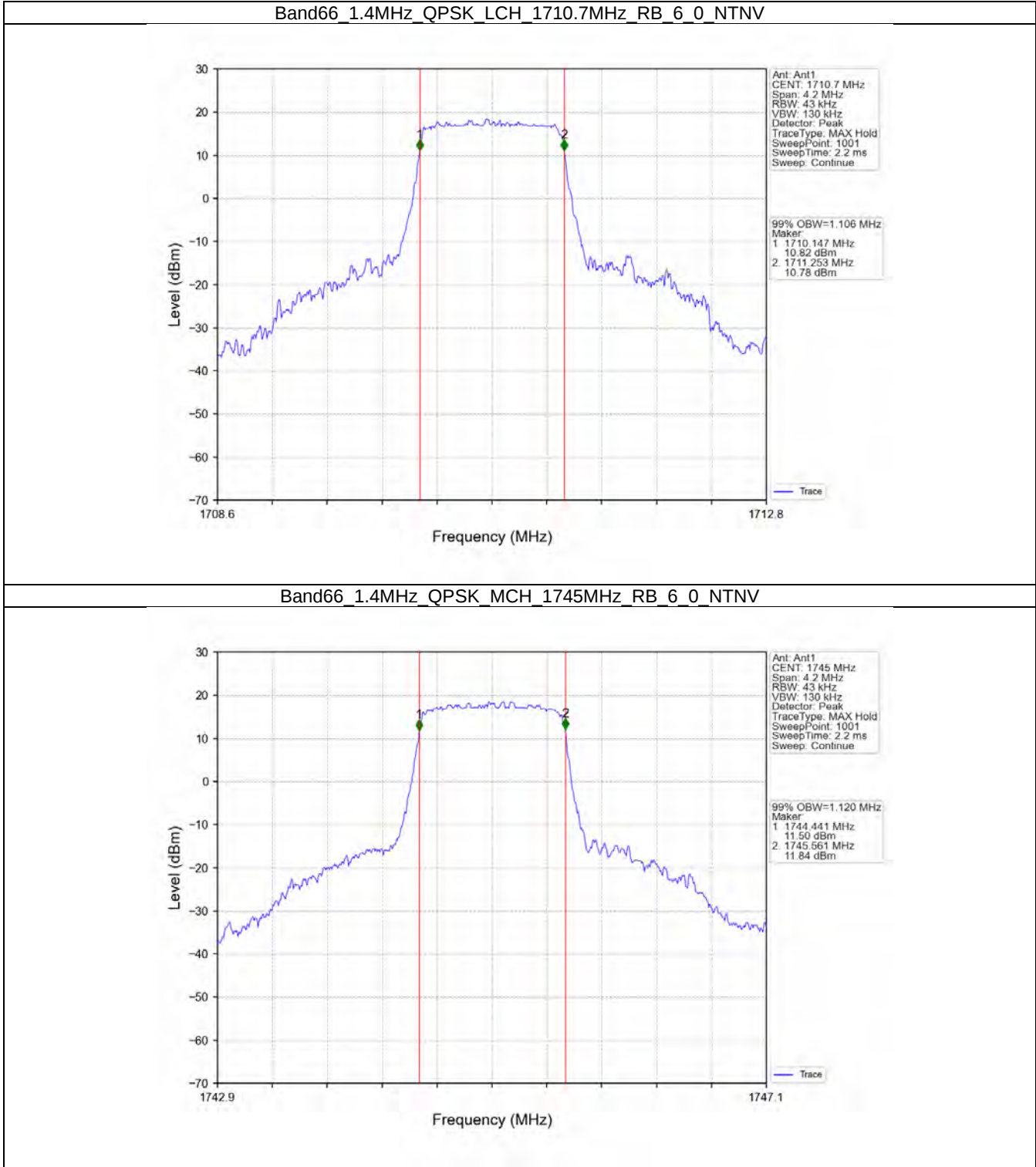
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

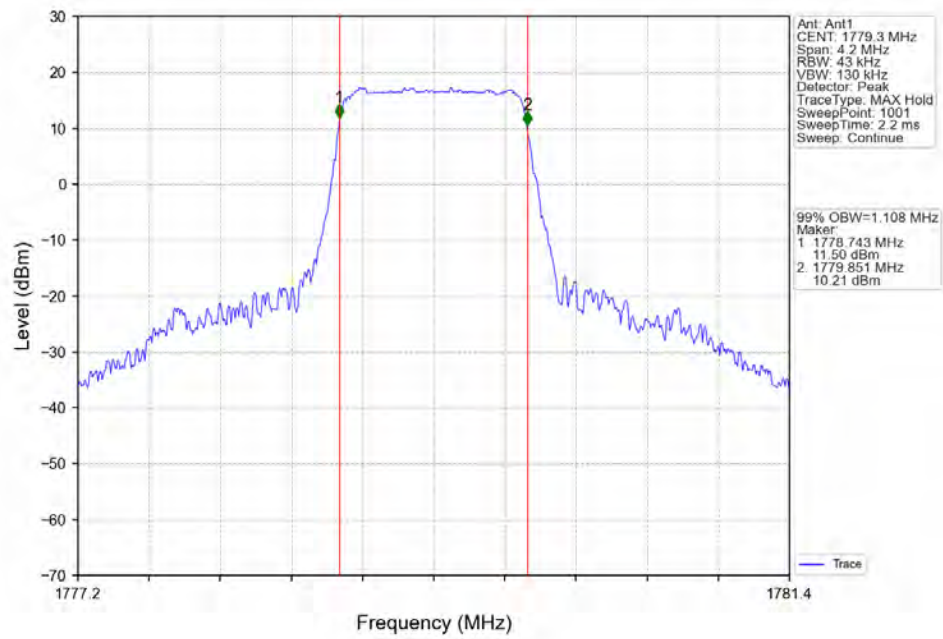
4.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.106	Pass
		1745	6	0	1.120	Pass
		1779.3	6	0	1.108	Pass
	16QAM	1710.7	6	0	1.112	Pass
		1745	6	0	1.107	Pass
		1779.3	6	0	1.119	Pass
3	QPSK	1711.5	15	0	2.725	Pass
		1745	15	0	2.727	Pass
		1778.5	15	0	2.731	Pass
	16QAM	1711.5	15	0	2.717	Pass
		1745	15	0	2.725	Pass
		1778.5	15	0	2.720	Pass
5	QPSK	1712.5	25	0	4.592	Pass
		1745	25	0	4.566	Pass
		1777.5	25	0	4.587	Pass
	16QAM	1712.5	25	0	4.572	Pass
		1745	25	0	4.590	Pass
		1777.5	25	0	4.589	Pass
10	QPSK	1715	50	0	9.088	Pass
		1745	50	0	9.059	Pass
		1775	50	0	9.113	Pass
	16QAM	1715	50	0	9.050	Pass
		1745	50	0	9.076	Pass
		1775	50	0	9.090	Pass
15	QPSK	1717.5	75	0	13.602	Pass
		1745	75	0	13.615	Pass
		1772.5	75	0	13.630	Pass
	16QAM	1717.5	75	0	13.594	Pass
		1745	75	0	13.665	Pass
		1772.5	75	0	13.672	Pass
20	QPSK	1720	100	0	18.119	Pass
		1745	100	0	18.205	Pass
		1770	100	0	18.173	Pass
	16QAM	1720	100	0	18.135	Pass
		1745	100	0	18.202	Pass
		1770	100	0	18.134	Pass

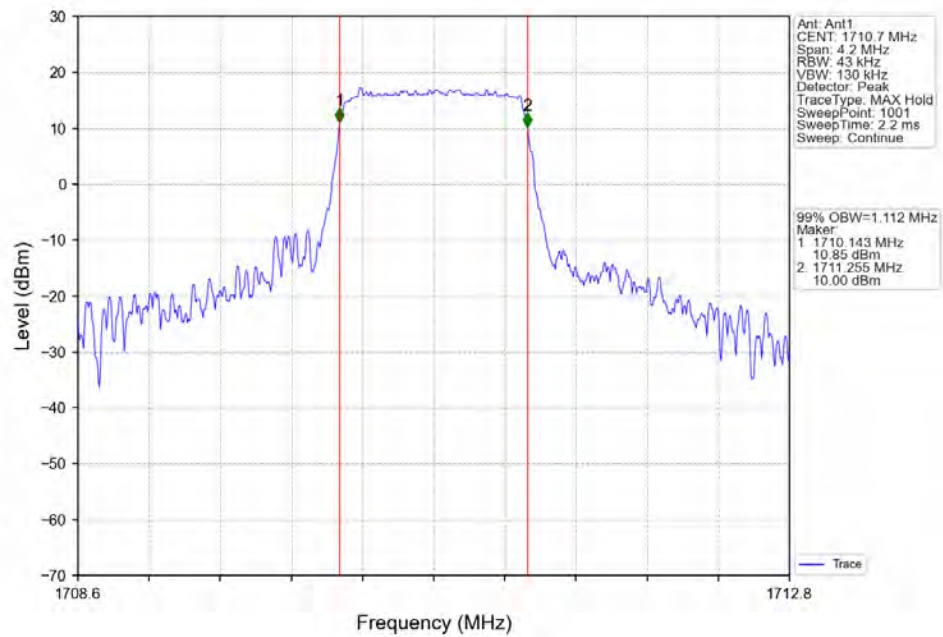
4.1.2 Test Graph



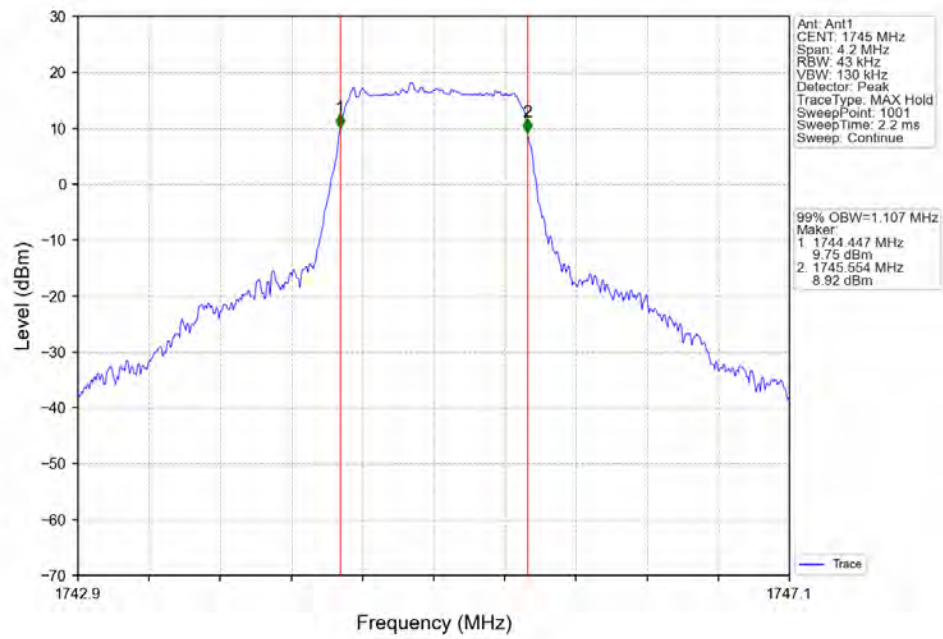
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



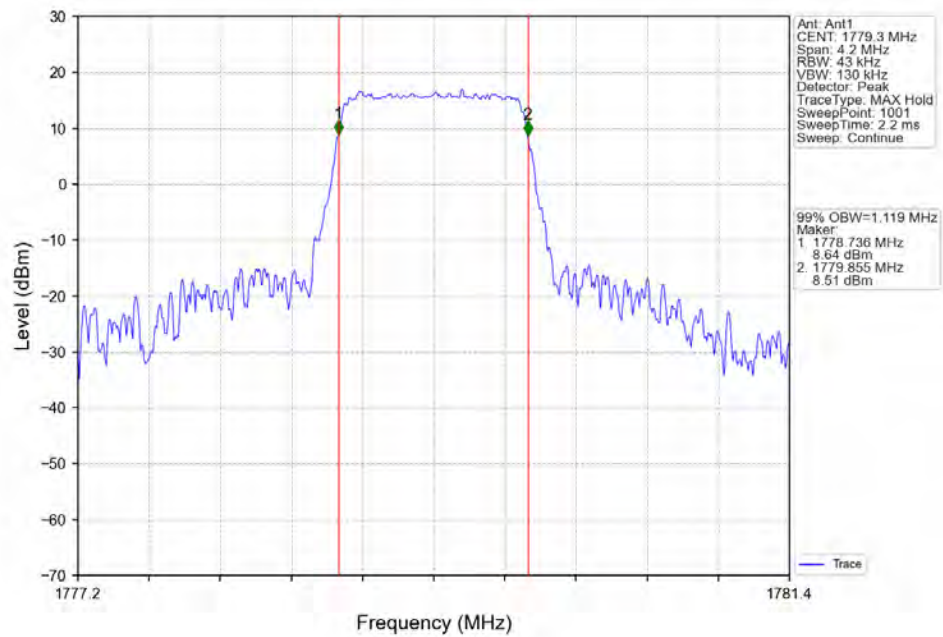
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



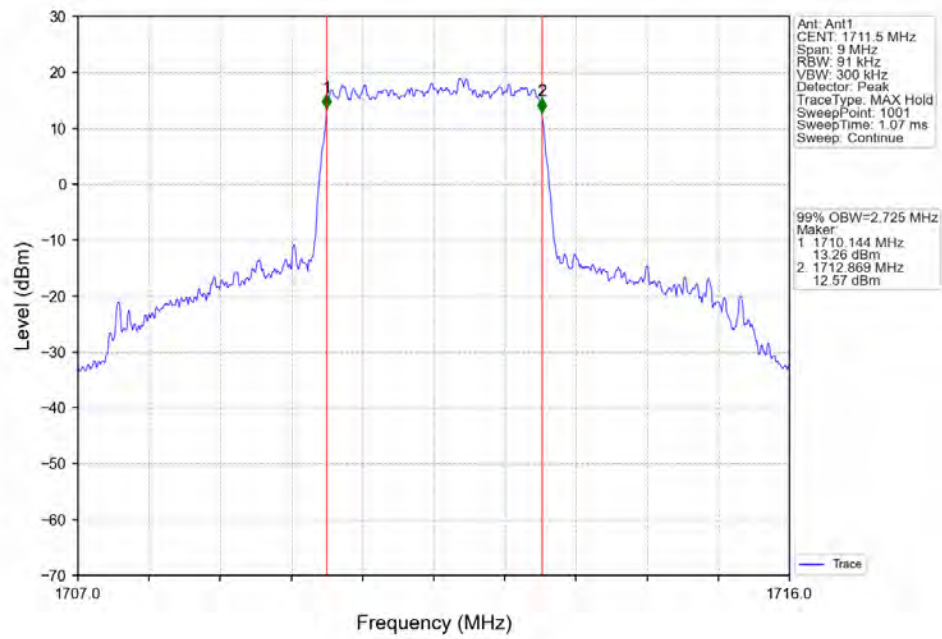
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



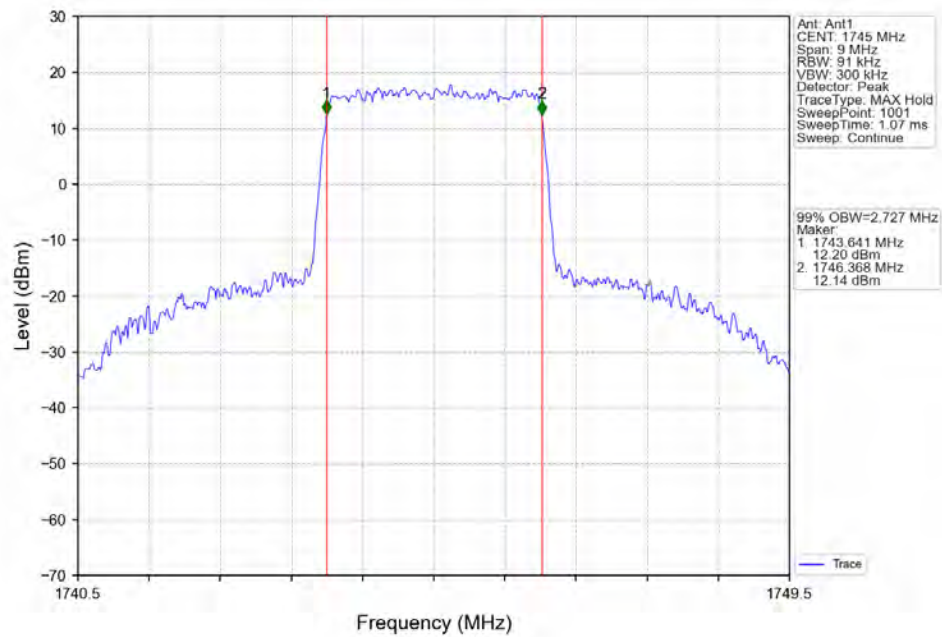
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



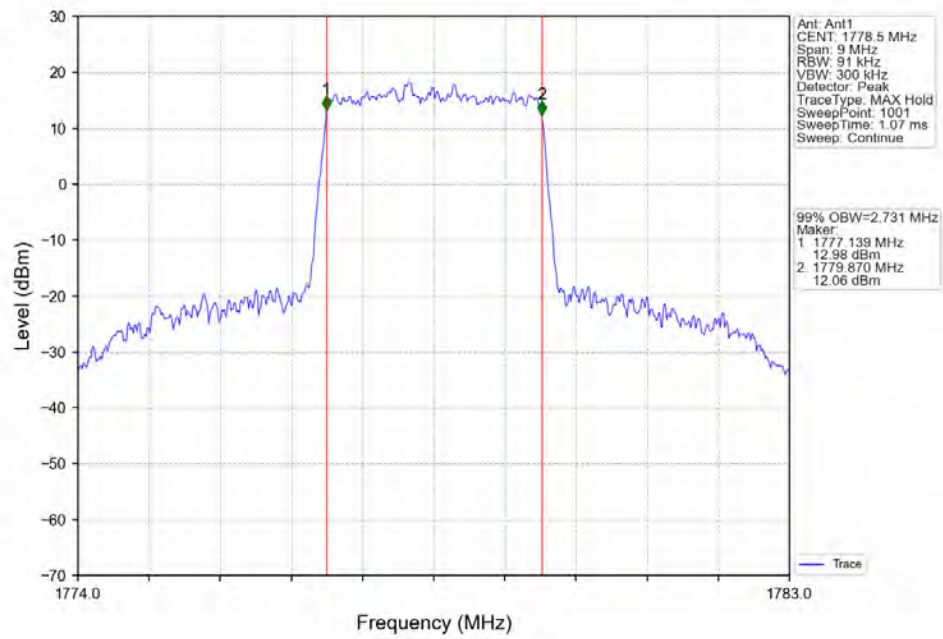
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



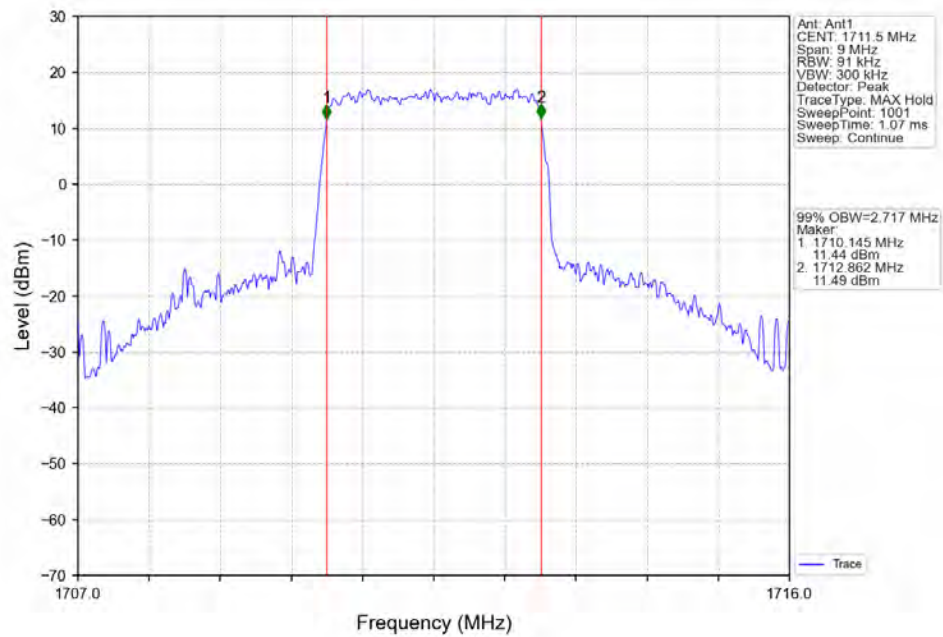
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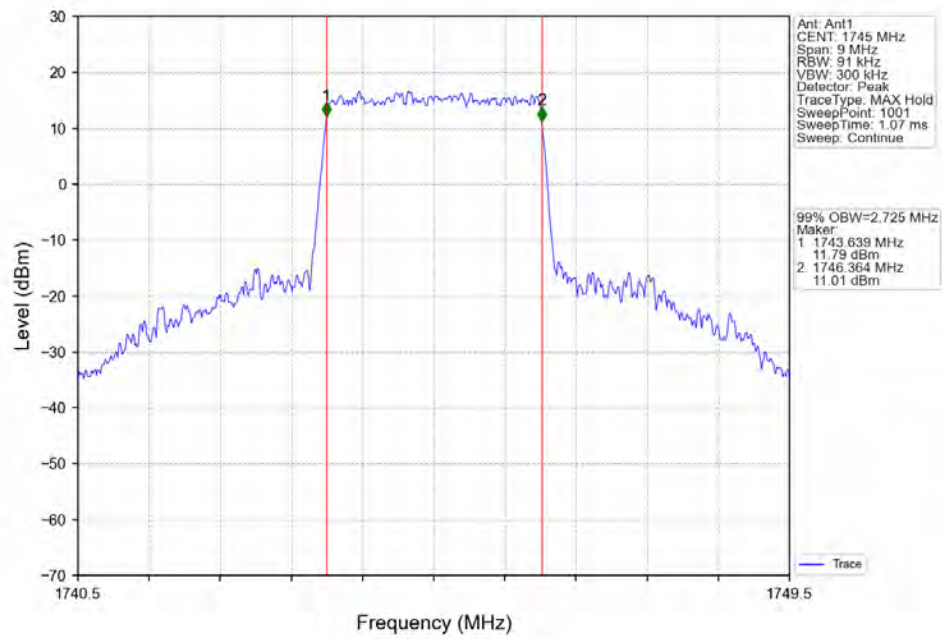
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



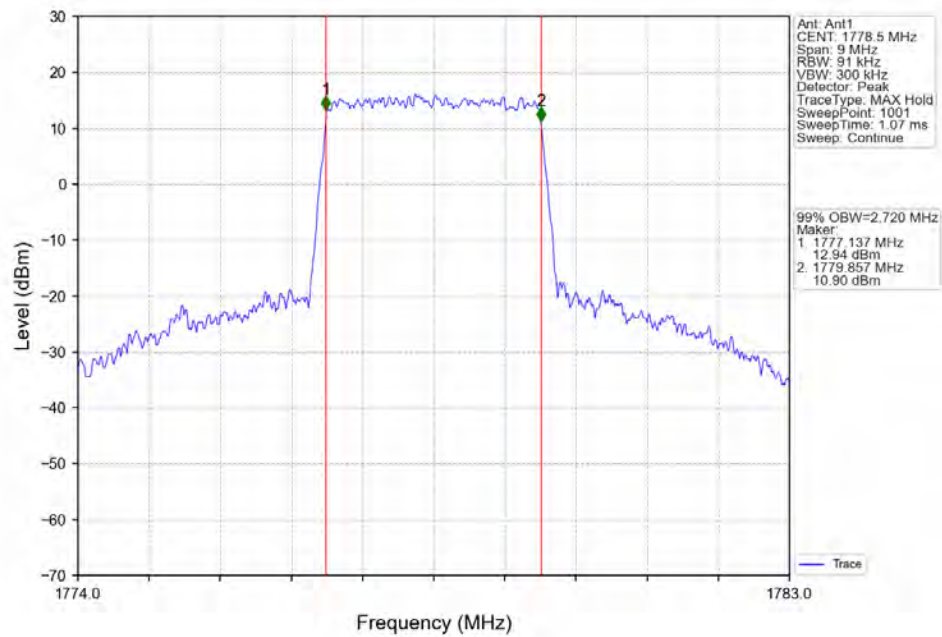
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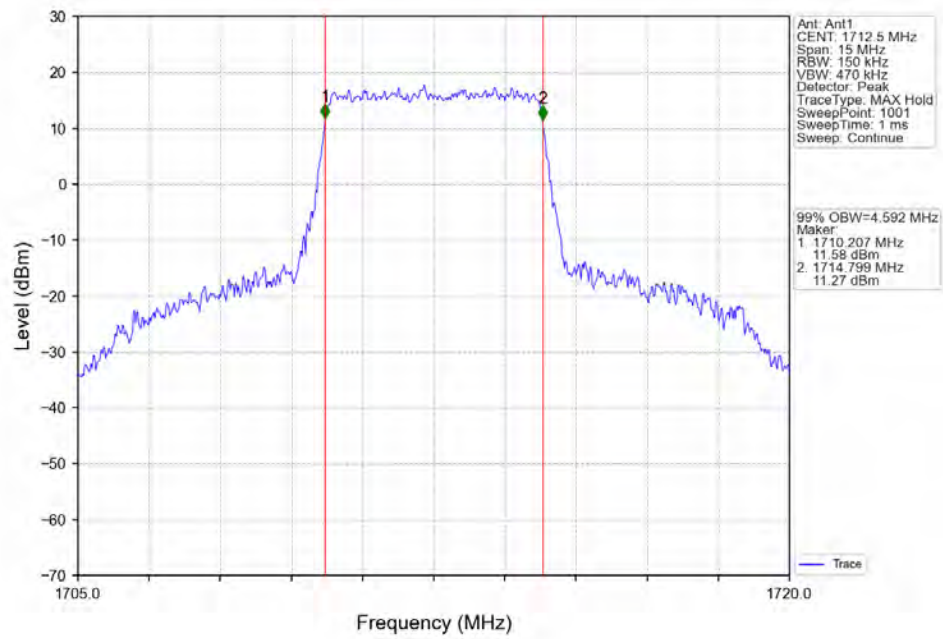
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



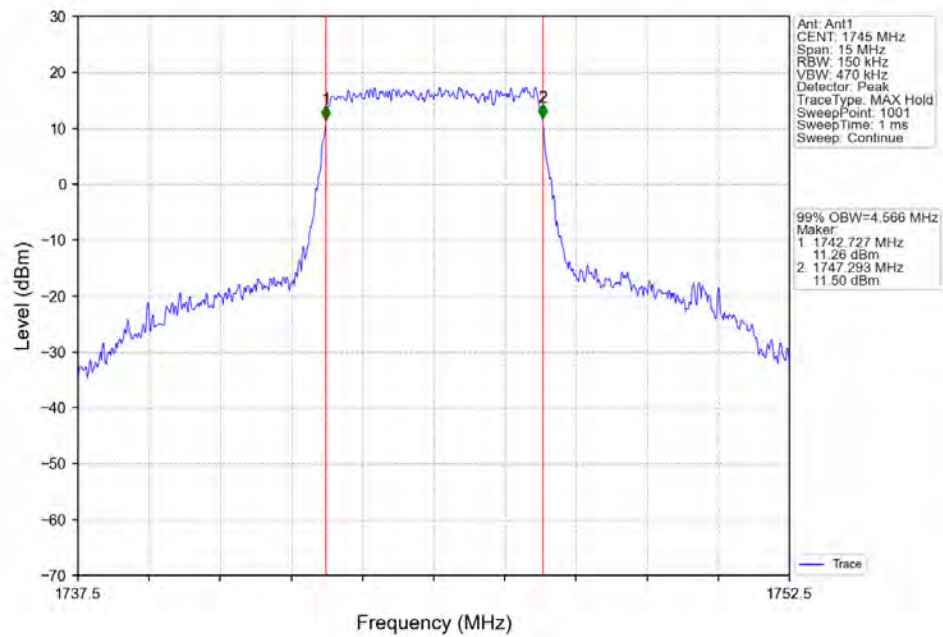
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



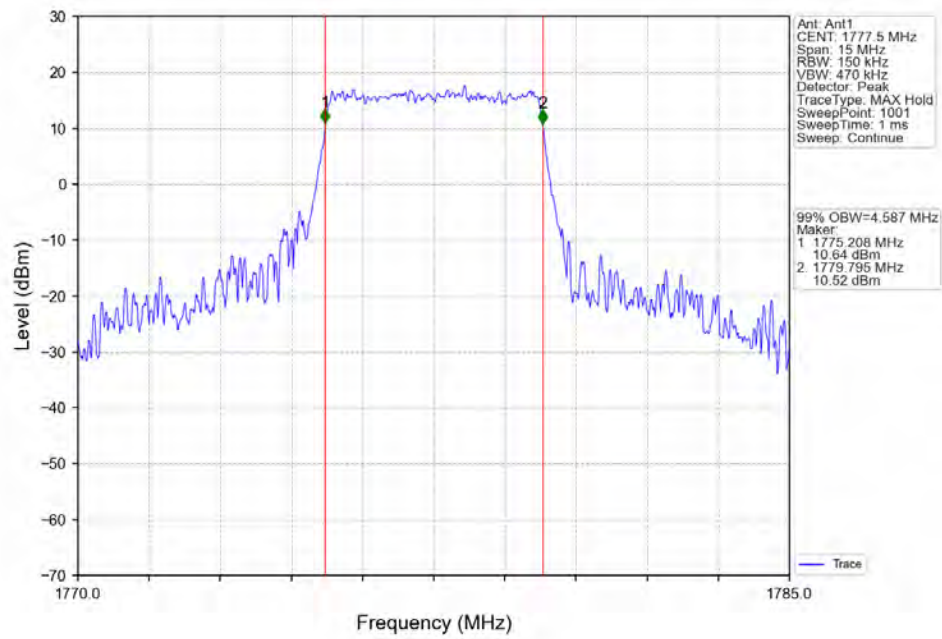
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



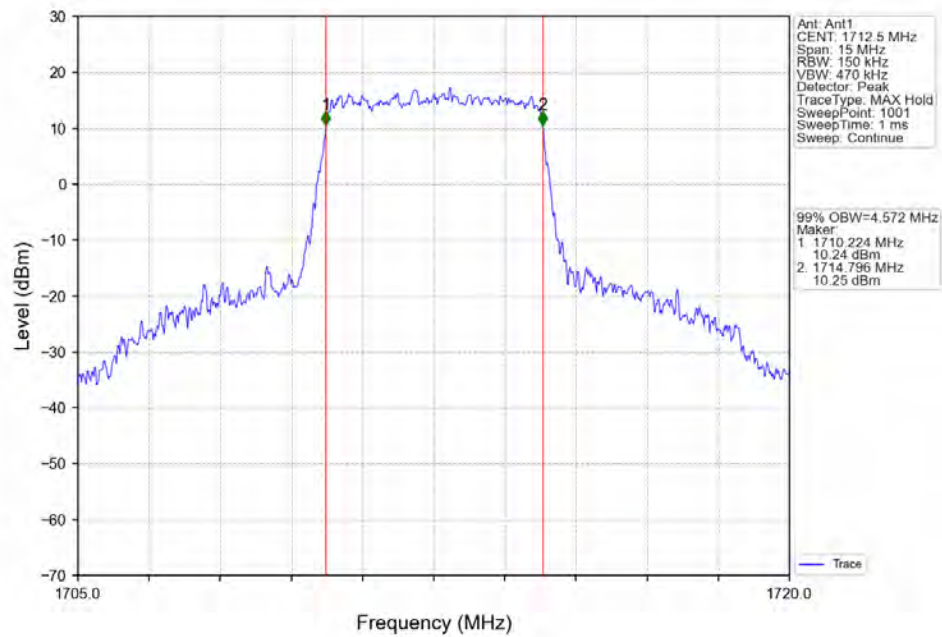
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



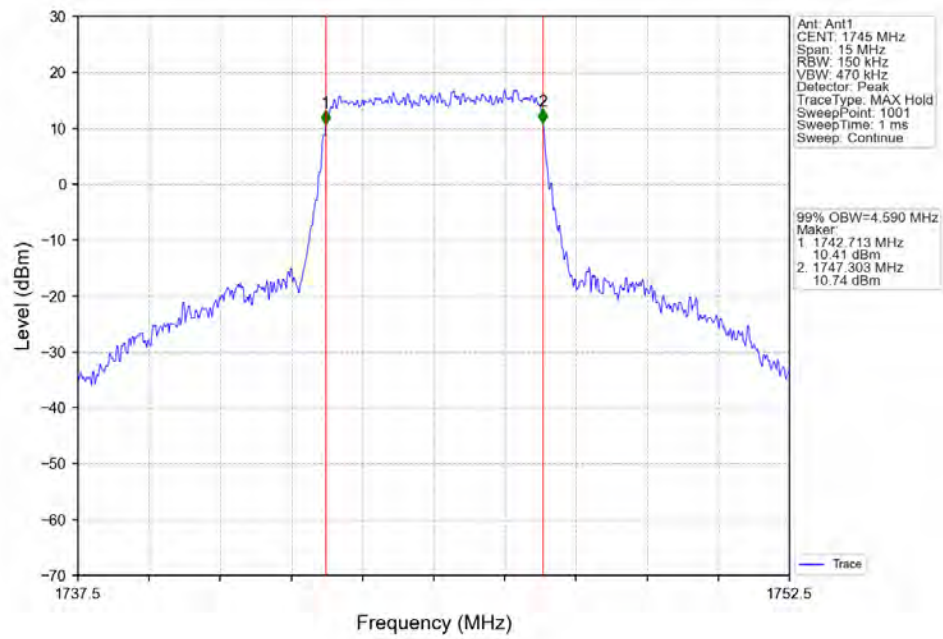
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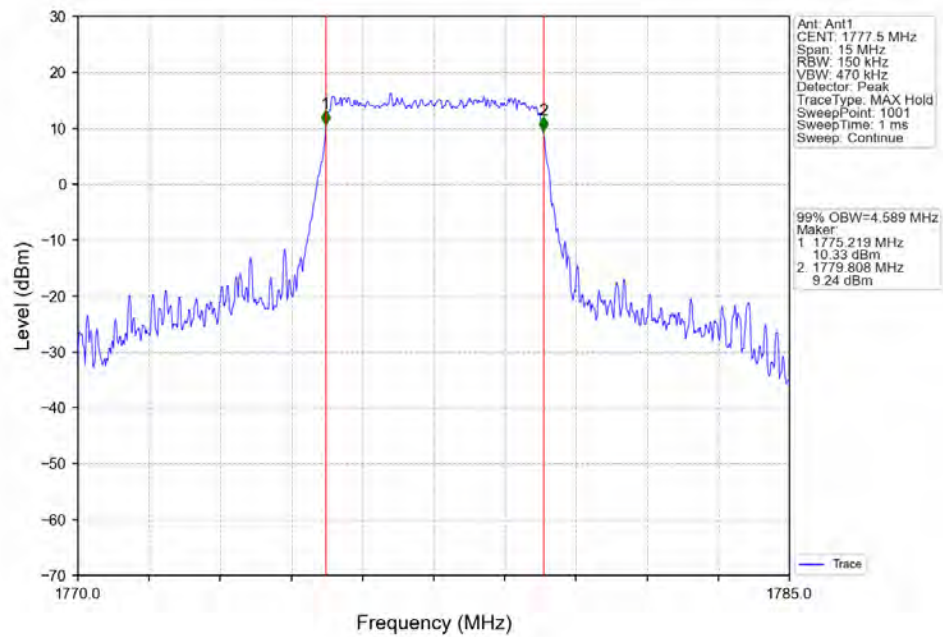
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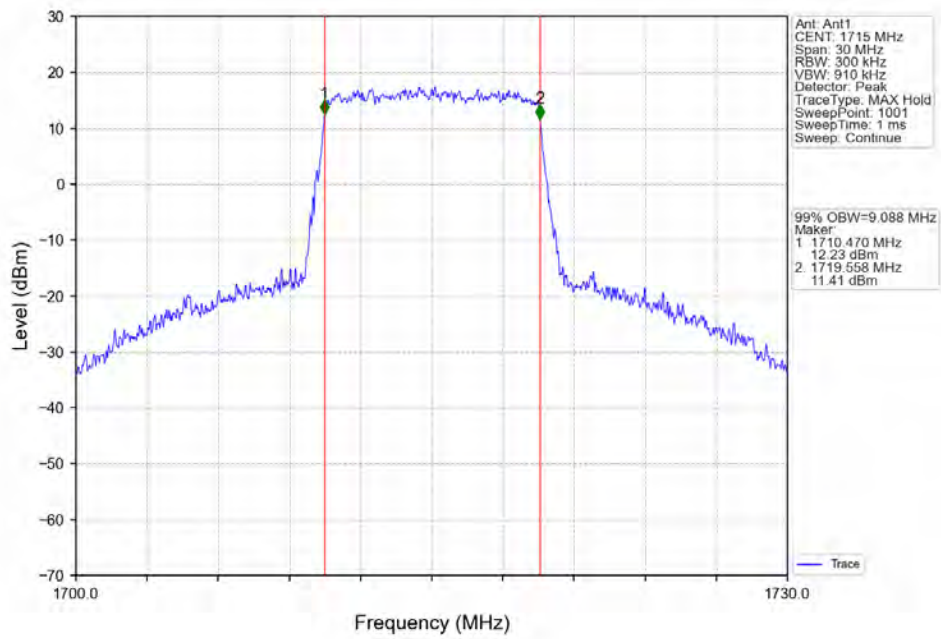
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



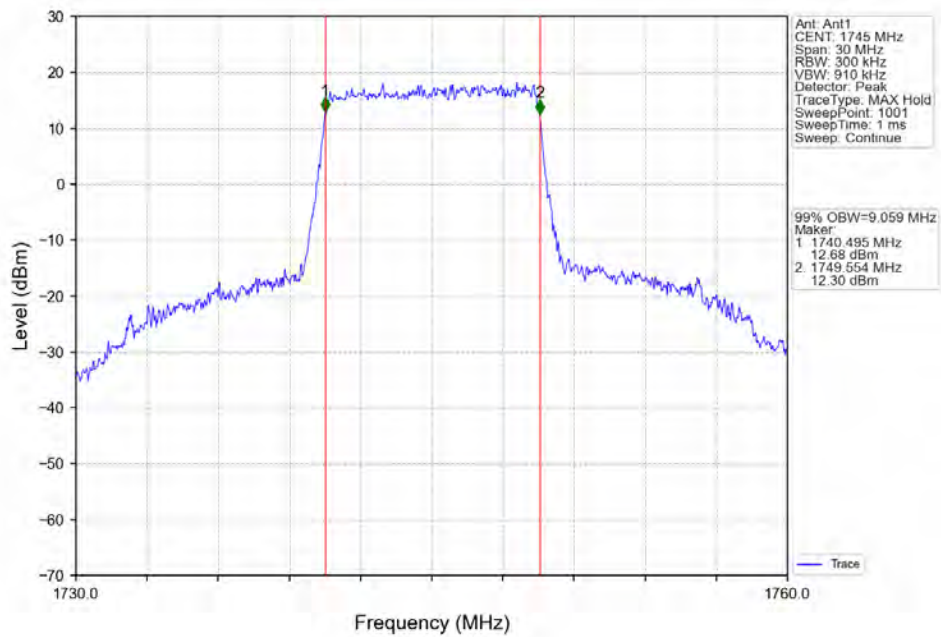
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



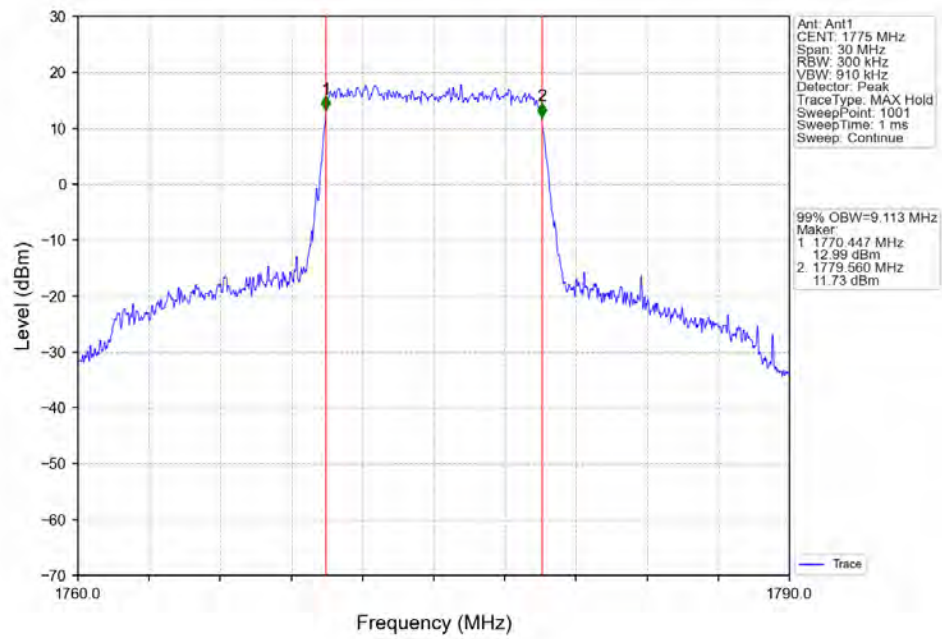
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



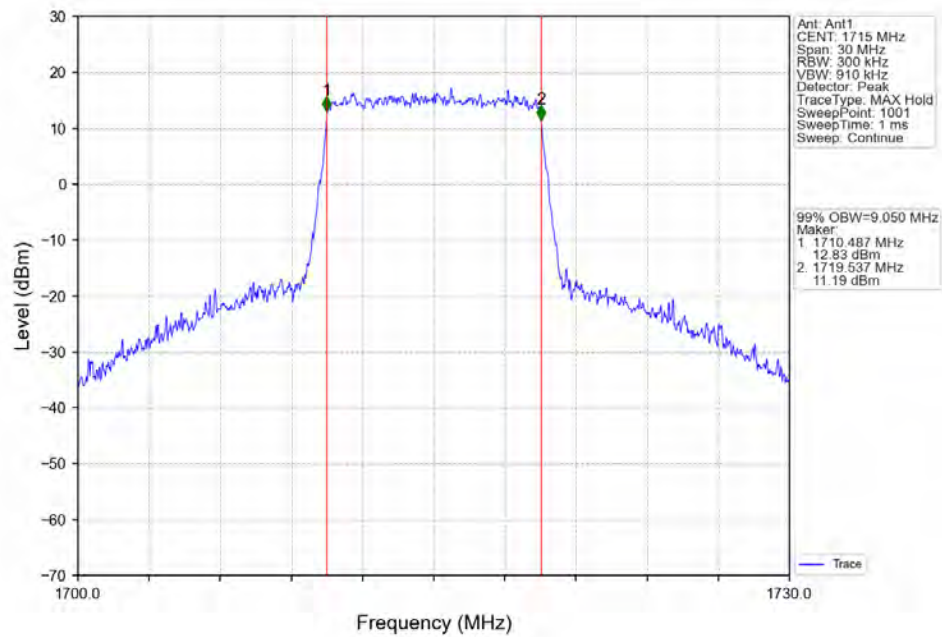
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



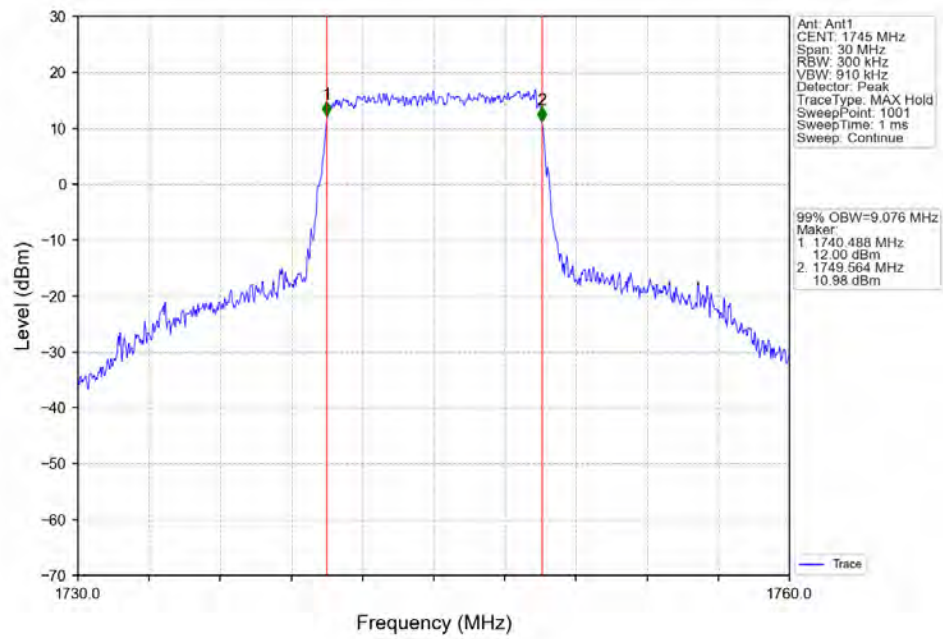
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



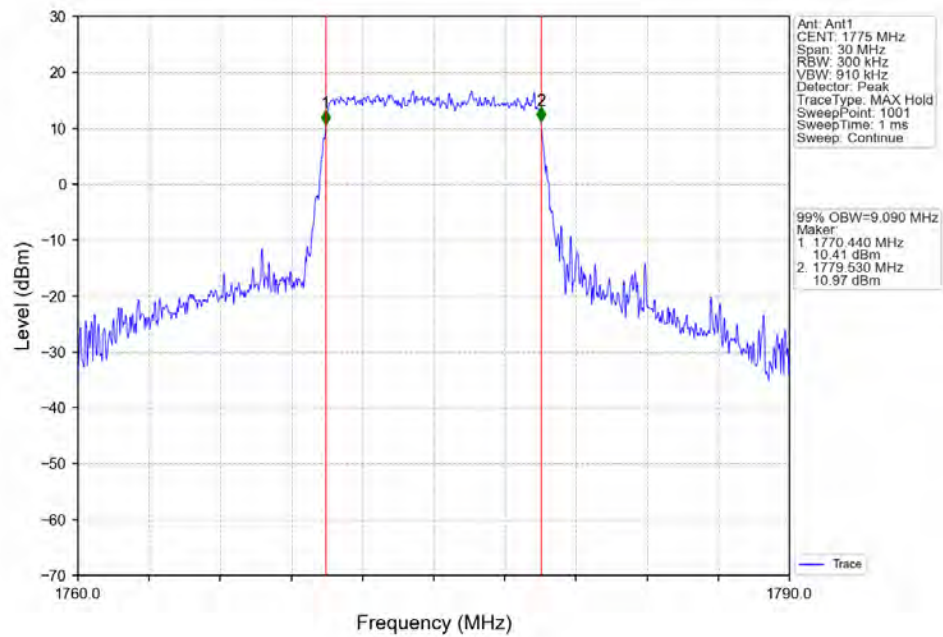
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



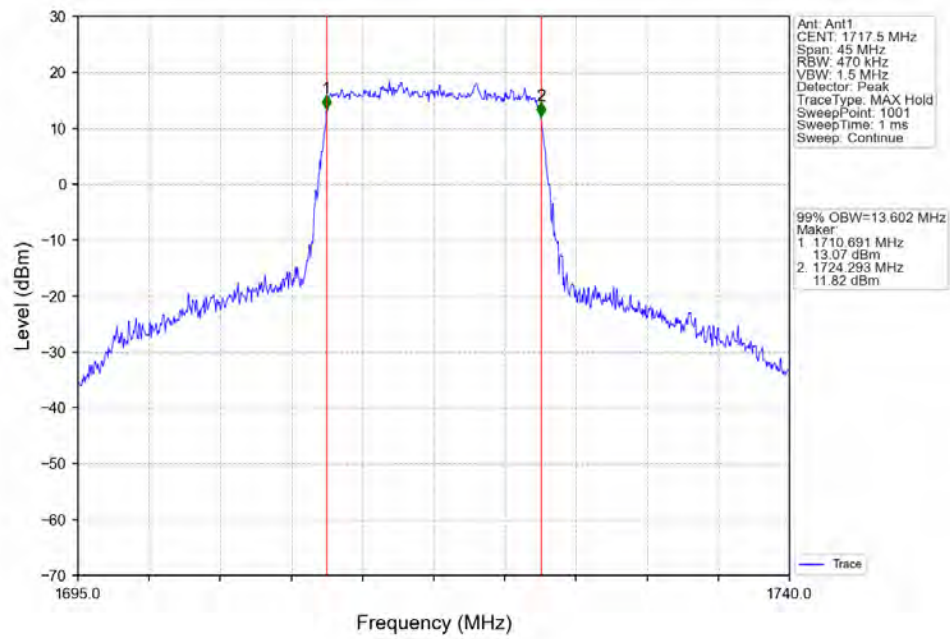
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



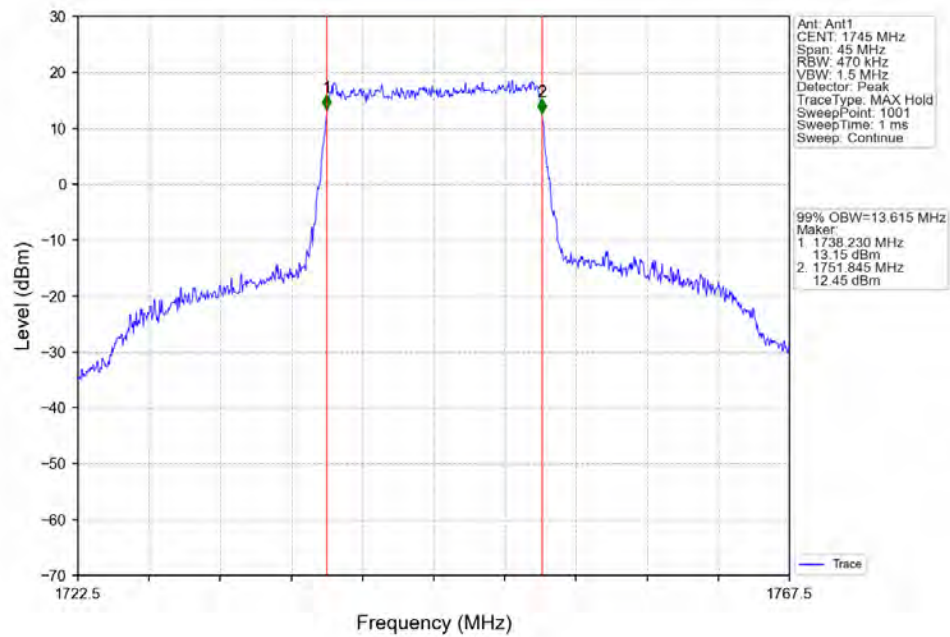
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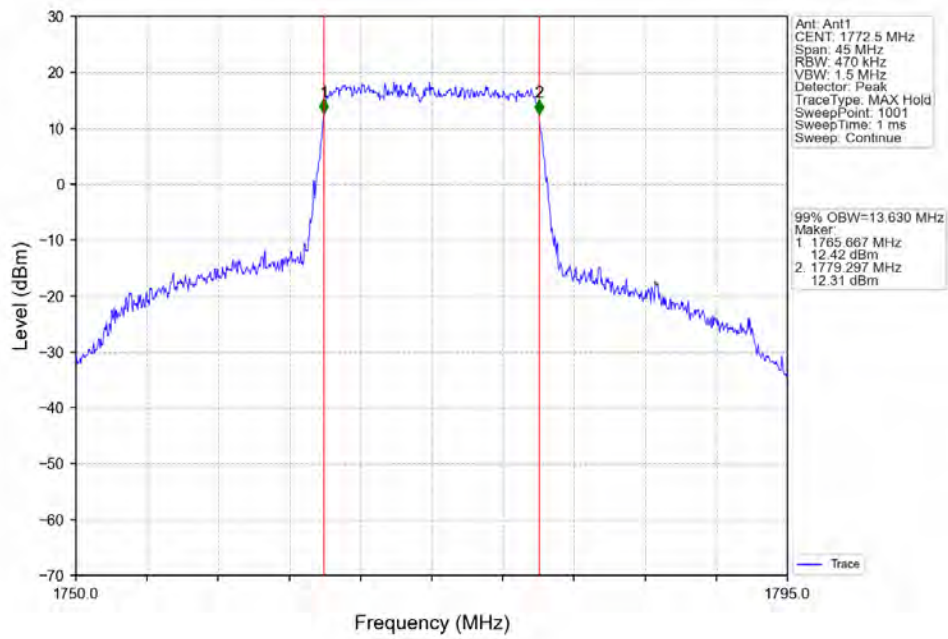
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



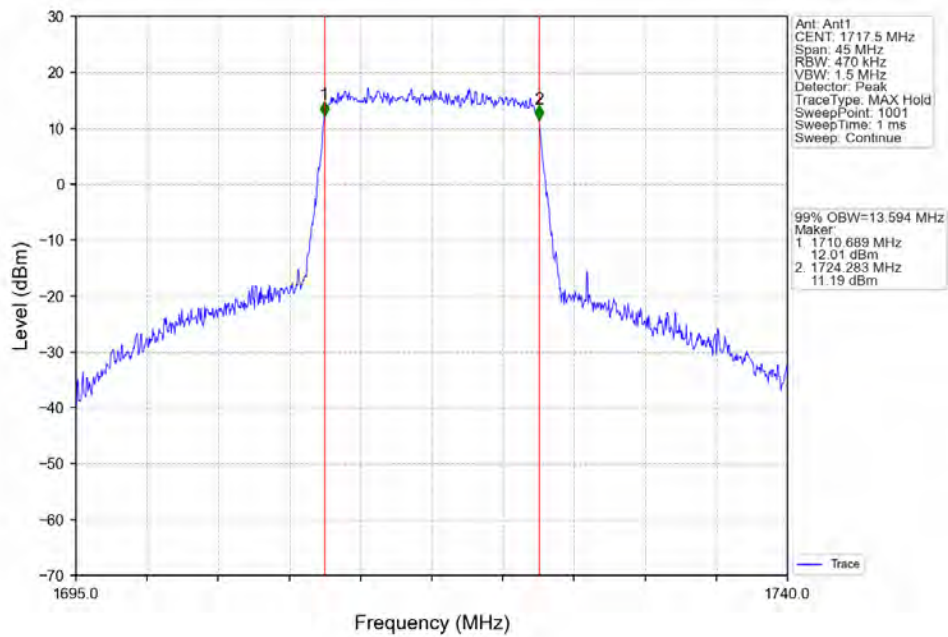
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



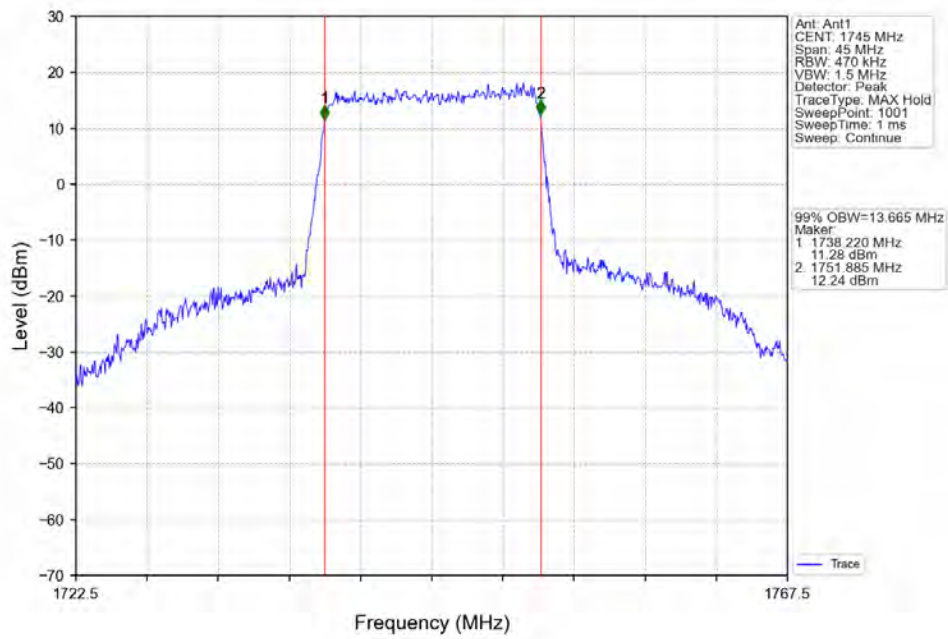
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



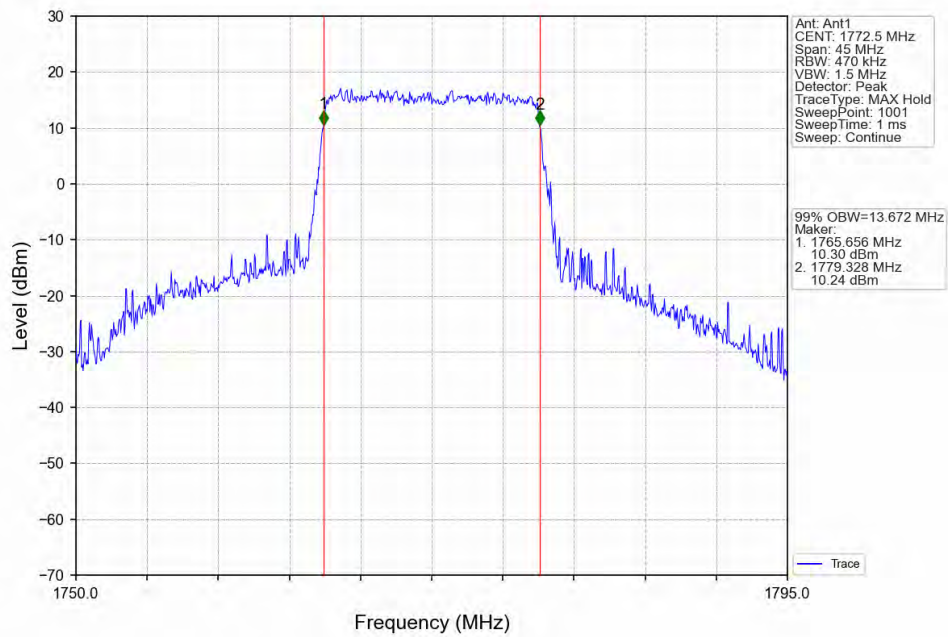
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



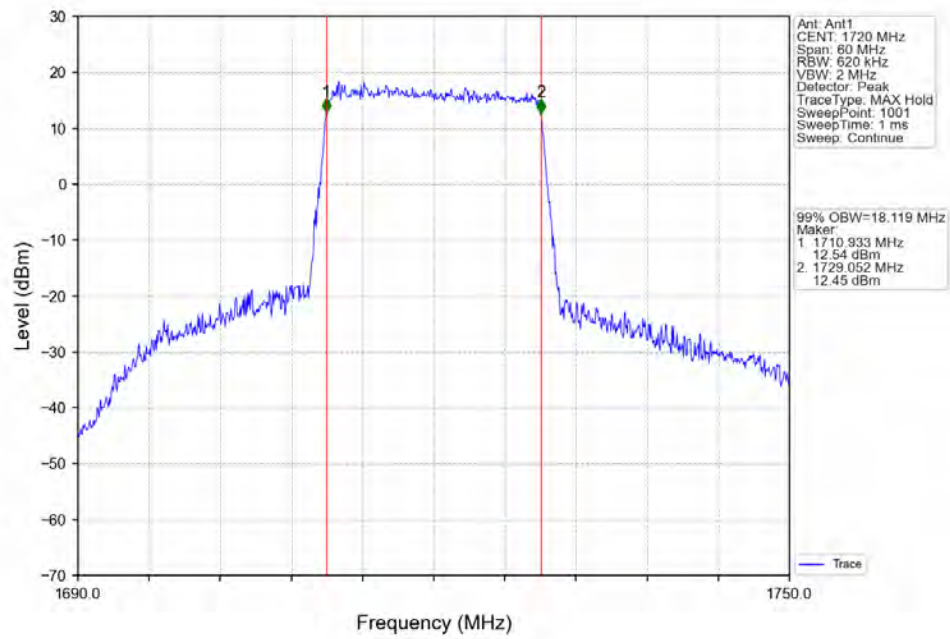
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



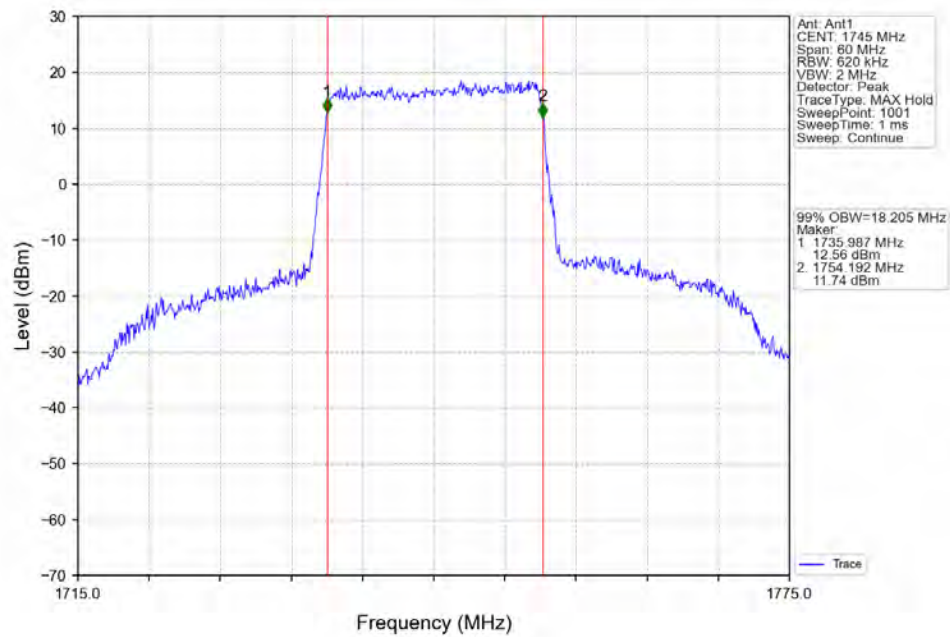
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



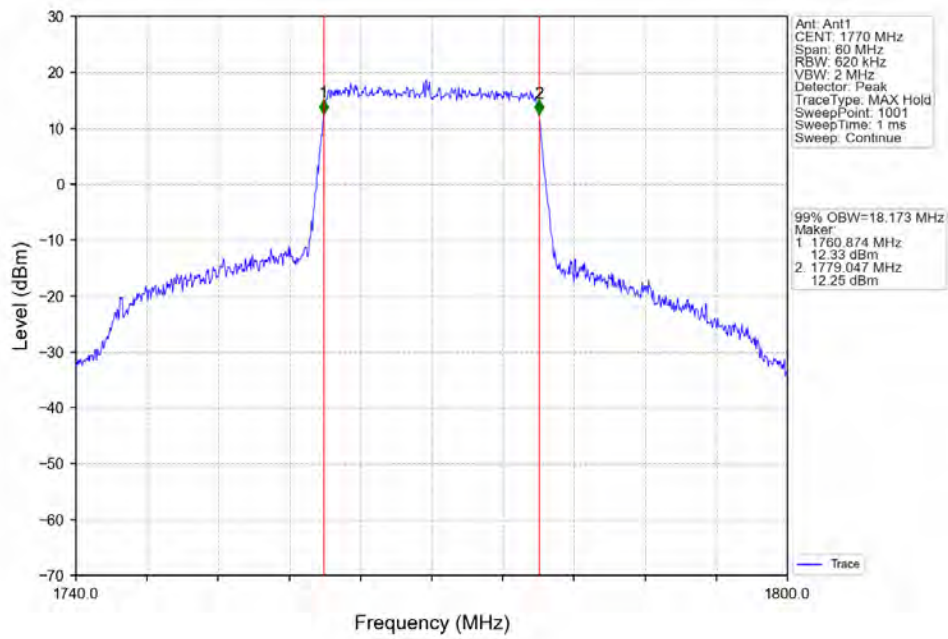
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



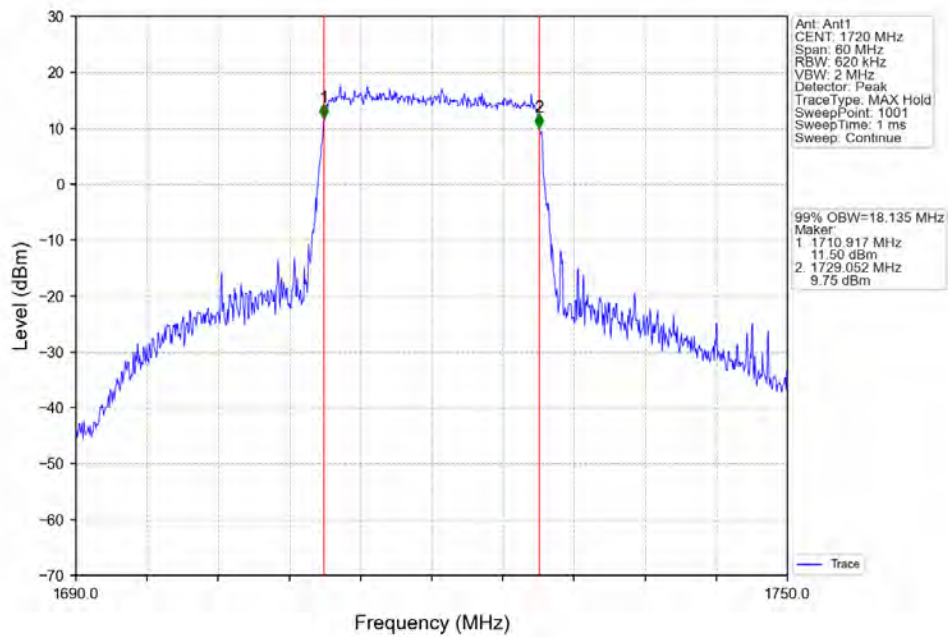
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



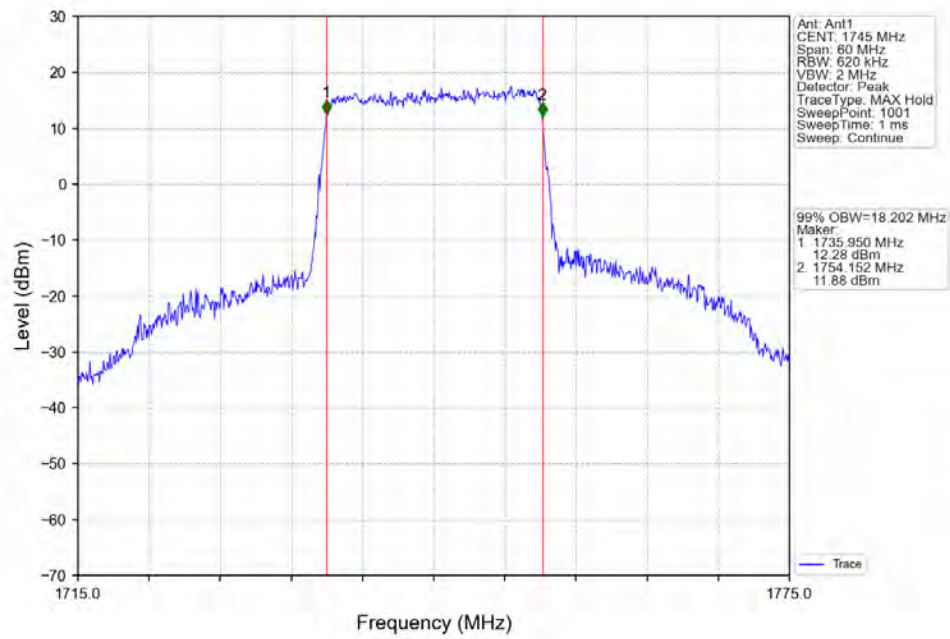
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



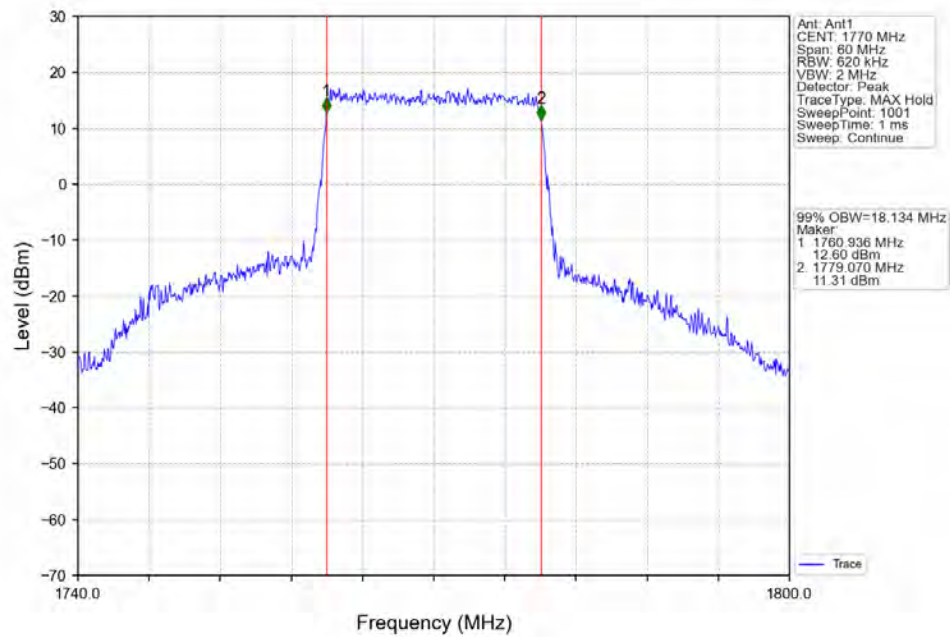
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

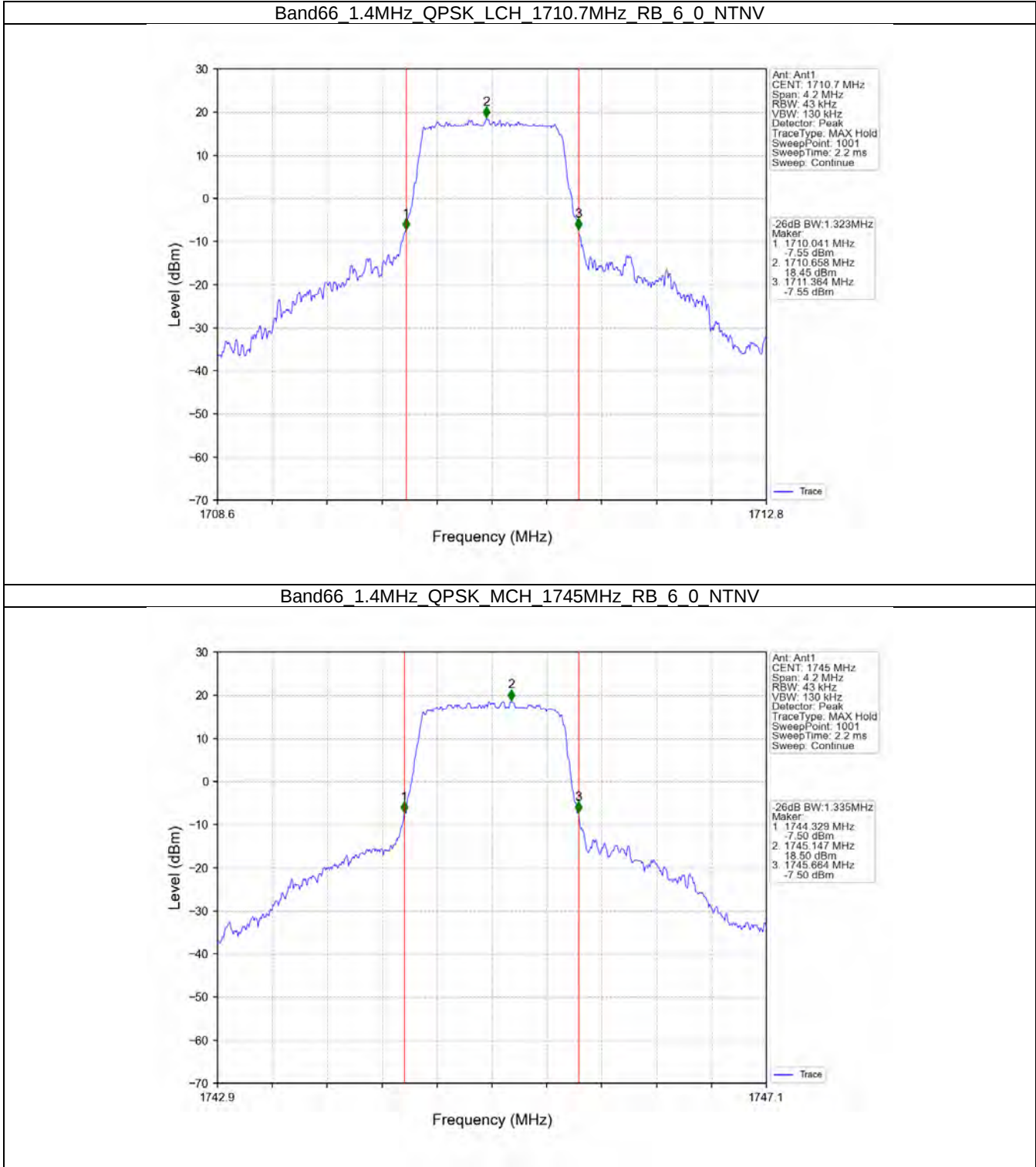


4.2 Band66_XDB

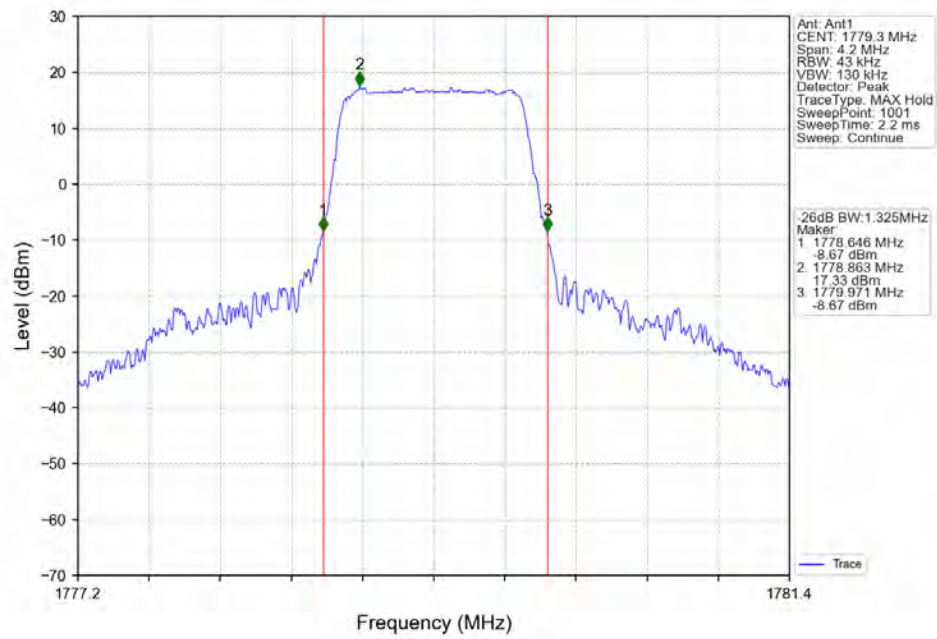
4.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.323	Pass
		1745	6	0	1.335	Pass
		1779.3	6	0	1.325	Pass
	16QAM	1710.7	6	0	1.406	Pass
		1745	6	0	1.315	Pass
		1779.3	6	0	1.336	Pass
3	QPSK	1711.5	15	0	2.991	Pass
		1745	15	0	3.000	Pass
		1778.5	15	0	2.999	Pass
	16QAM	1711.5	15	0	2.983	Pass
		1745	15	0	2.992	Pass
		1778.5	15	0	3.008	Pass
5	QPSK	1712.5	25	0	5.330	Pass
		1745	25	0	5.242	Pass
		1777.5	25	0	5.886	Pass
	16QAM	1712.5	25	0	5.163	Pass
		1745	25	0	5.300	Pass
		1777.5	25	0	5.296	Pass
10	QPSK	1715	50	0	10.379	Pass
		1745	50	0	10.283	Pass
		1775	50	0	10.238	Pass
	16QAM	1715	50	0	10.189	Pass
		1745	50	0	10.311	Pass
		1775	50	0	10.555	Pass
15	QPSK	1717.5	75	0	15.198	Pass
		1745	75	0	15.373	Pass
		1772.5	75	0	15.270	Pass
	16QAM	1717.5	75	0	15.242	Pass
		1745	75	0	15.248	Pass
		1772.5	75	0	15.564	Pass
20	QPSK	1720	100	0	20.063	Pass
		1745	100	0	20.250	Pass
		1770	100	0	20.166	Pass
	16QAM	1720	100	0	20.009	Pass
		1745	100	0	20.097	Pass
		1770	100	0	20.077	Pass

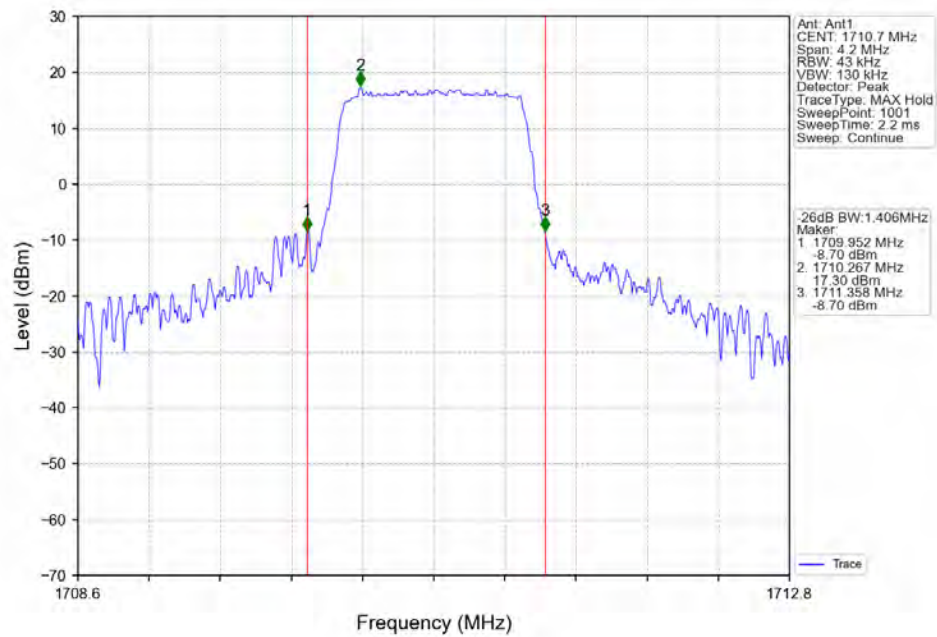
4.2.2 Test Graph



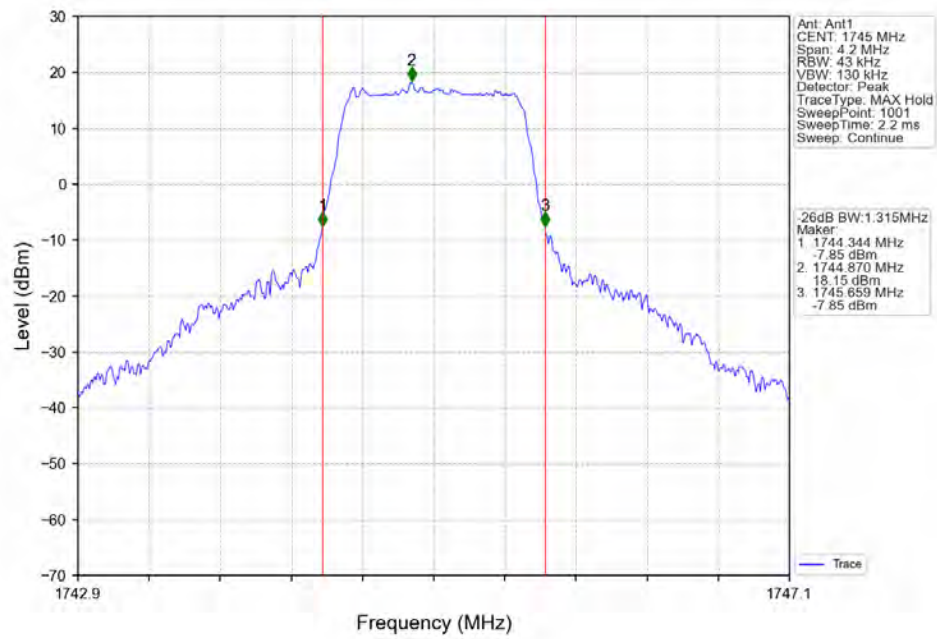
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



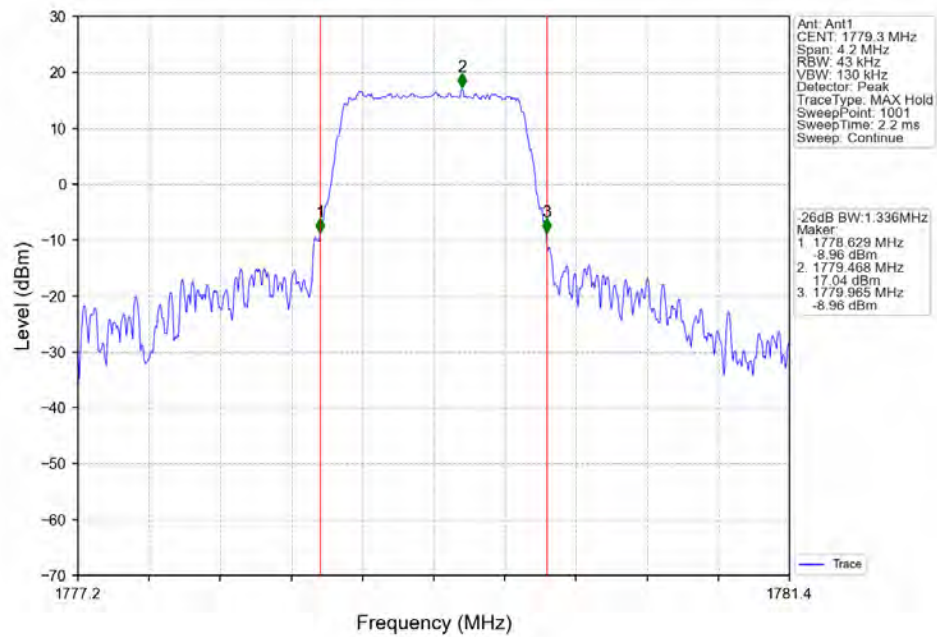
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



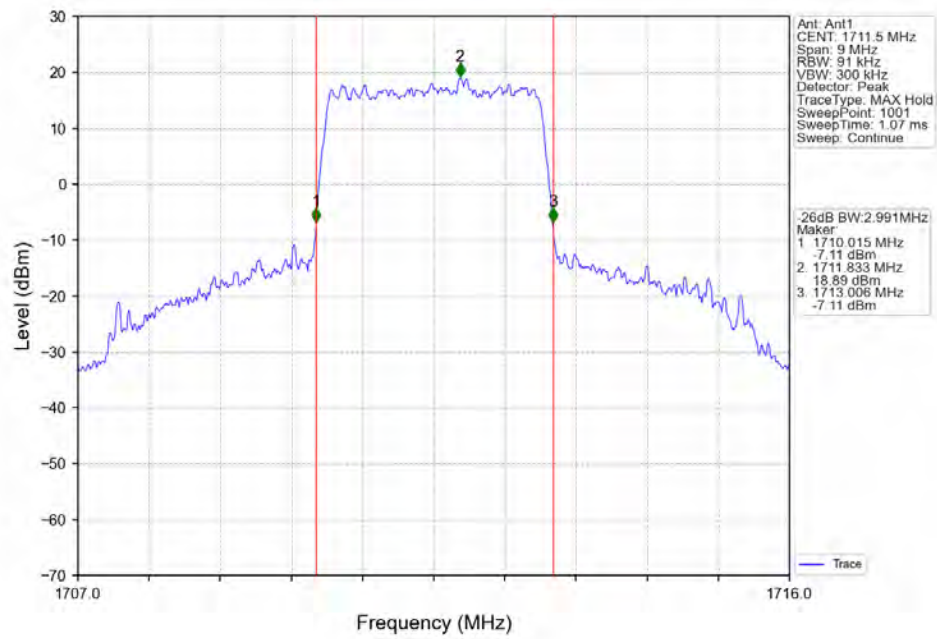
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



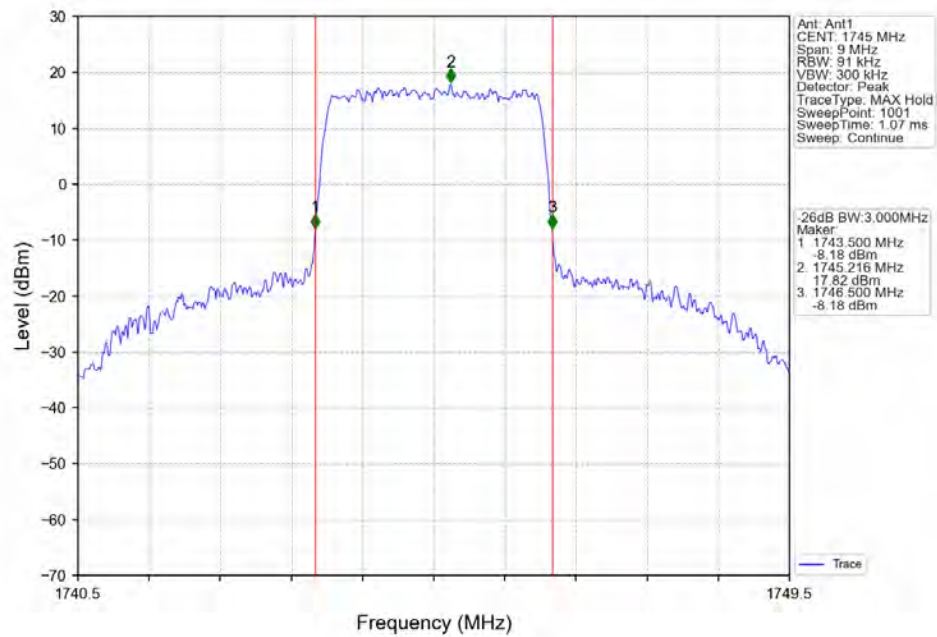
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



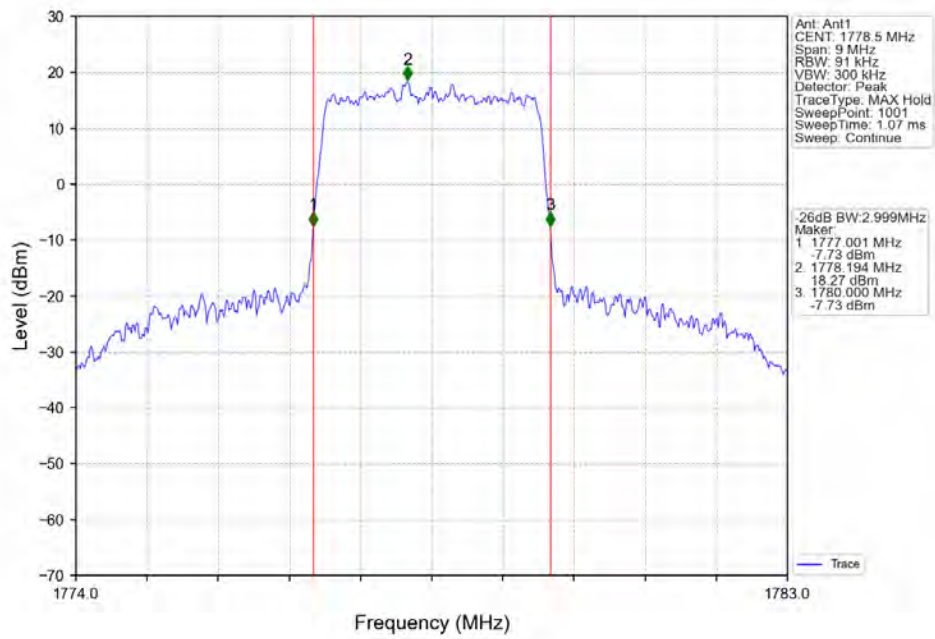
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



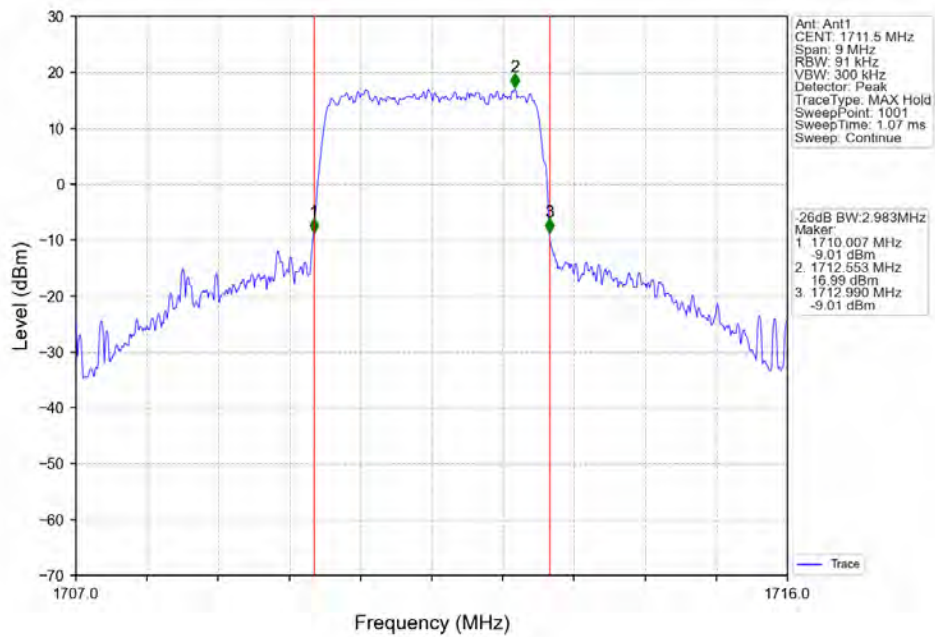
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



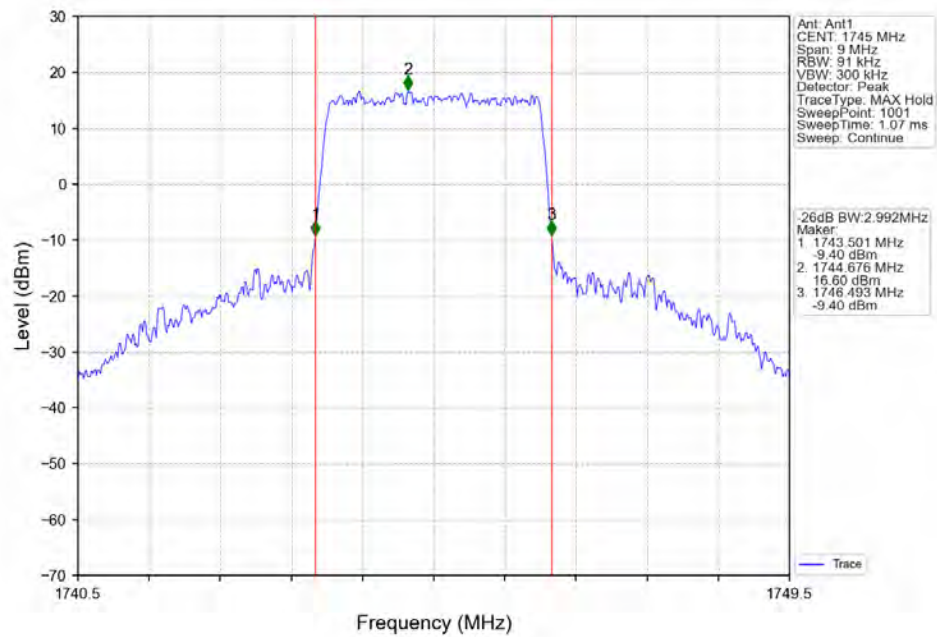
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



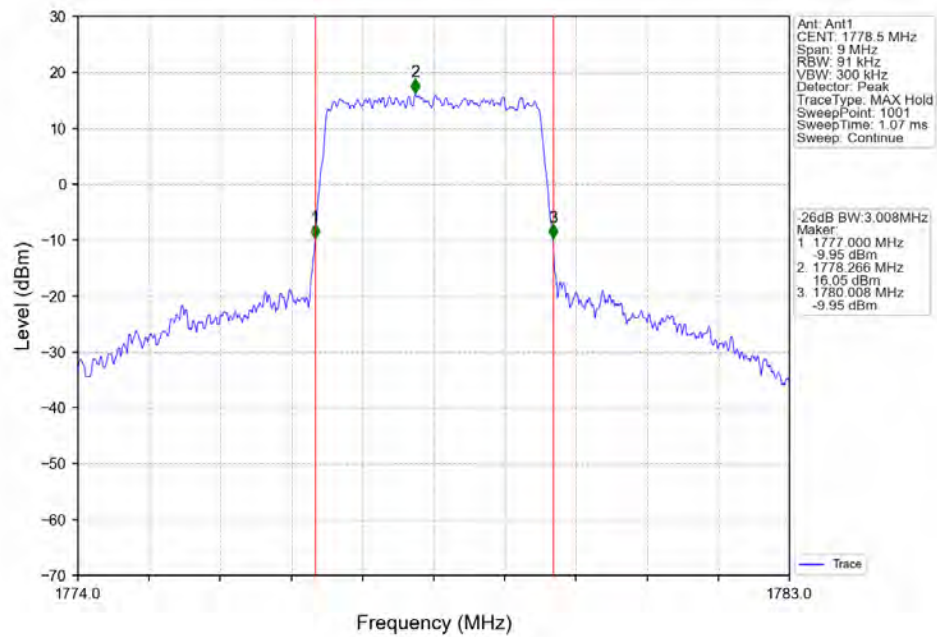
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



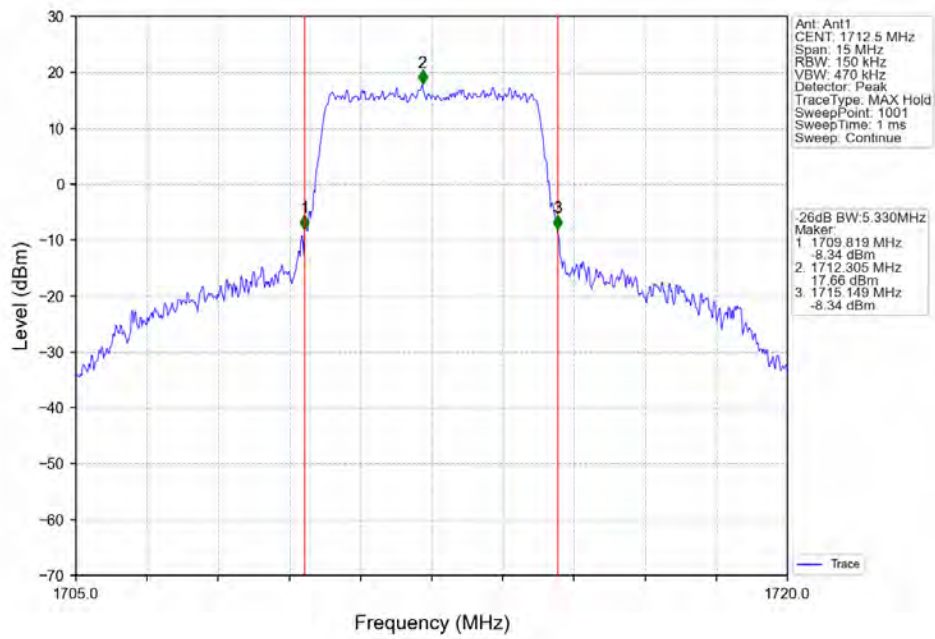
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



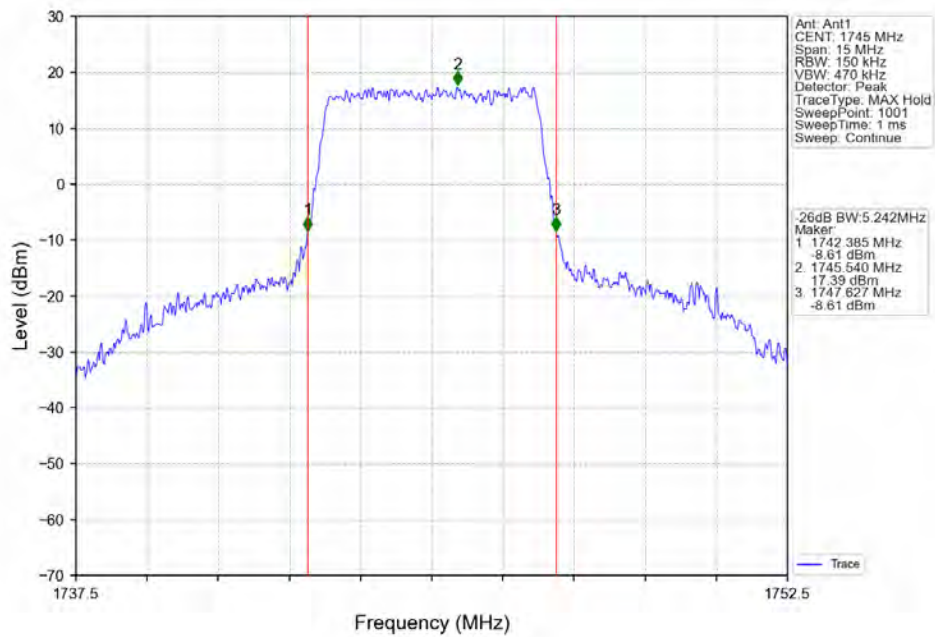
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



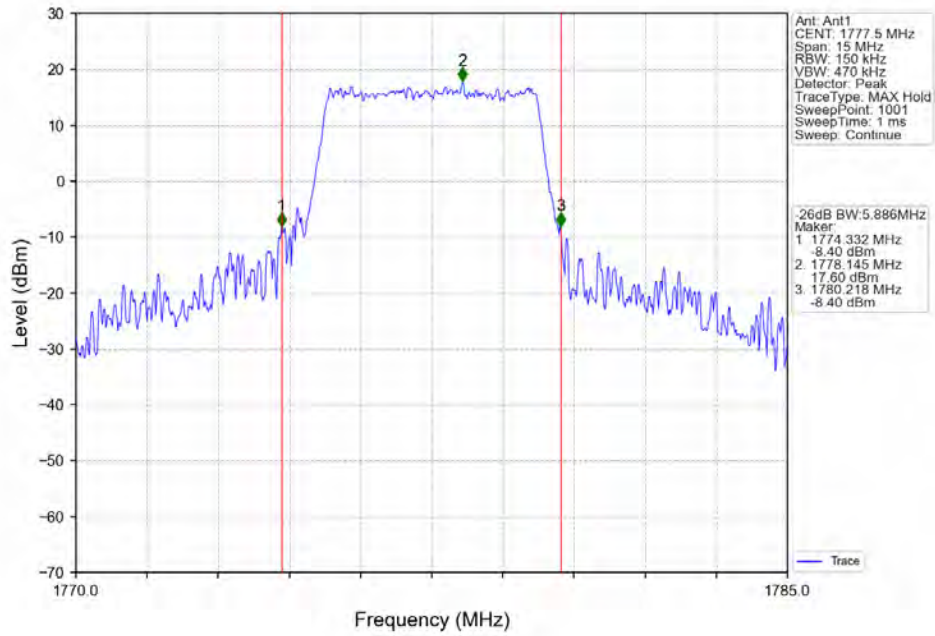
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



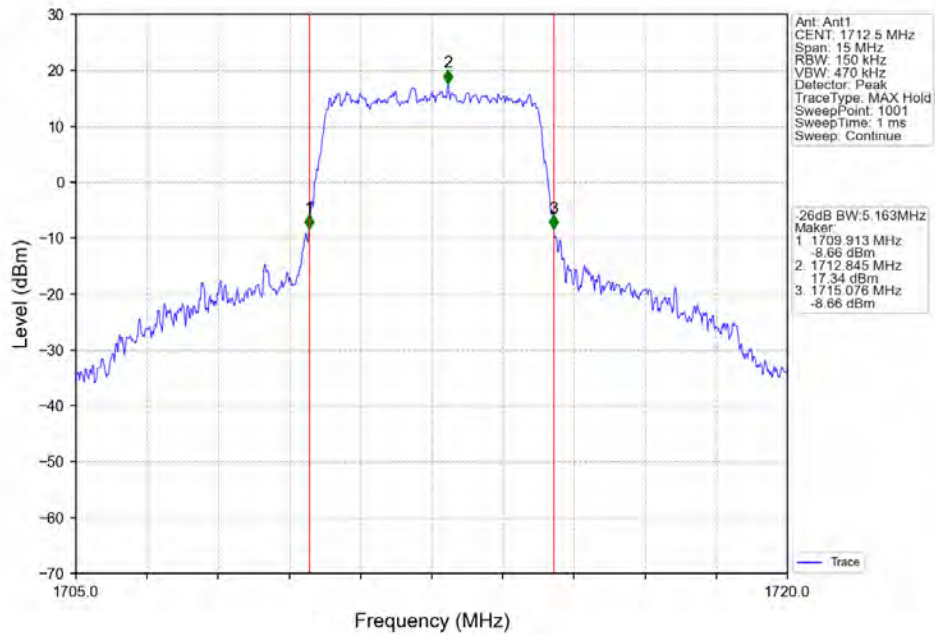
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



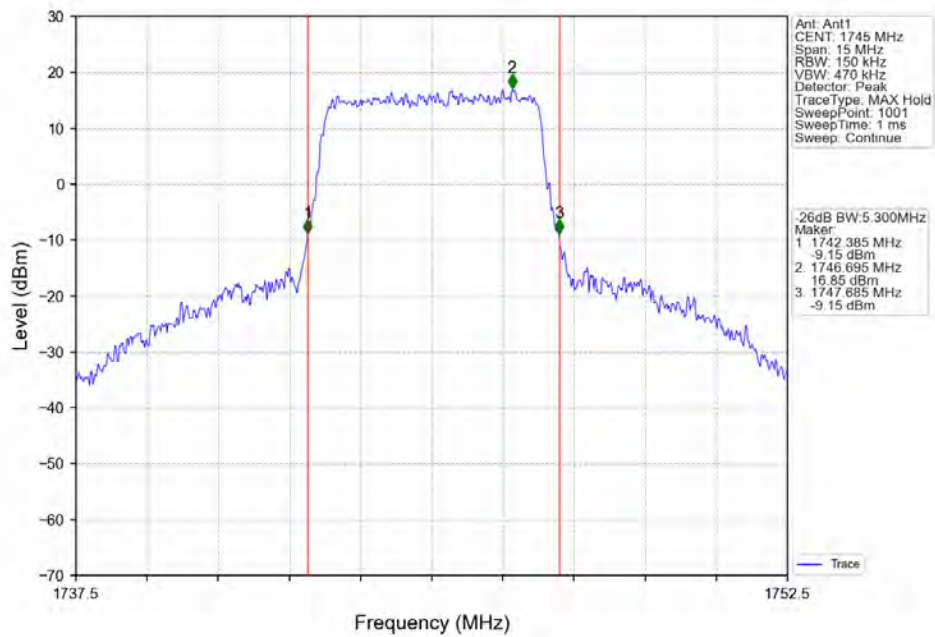
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



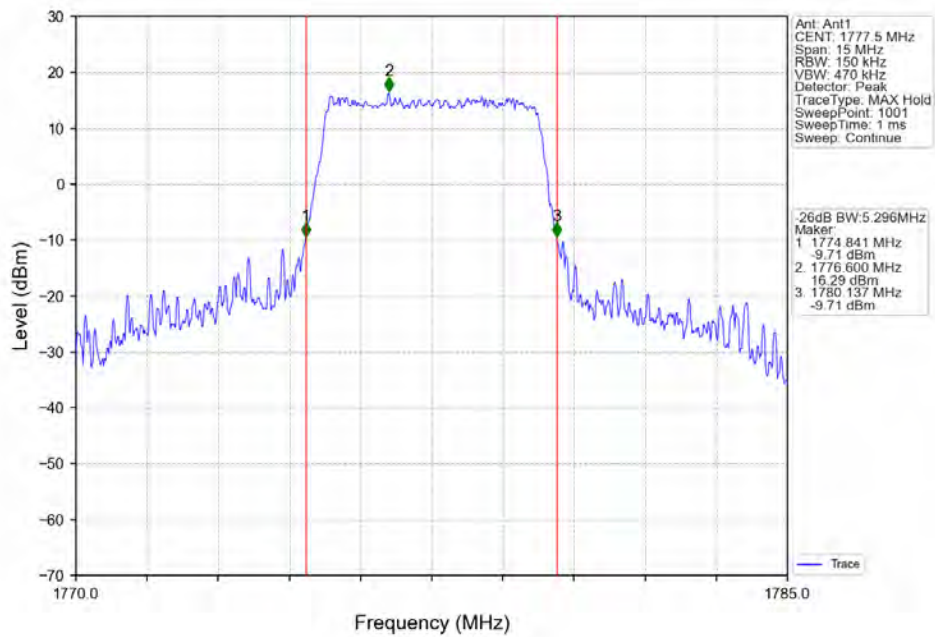
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



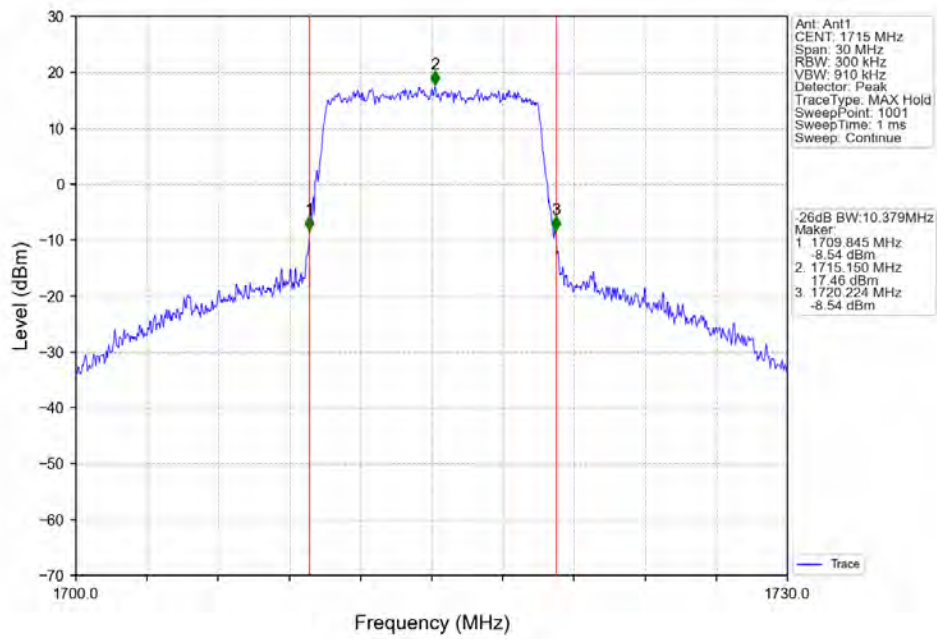
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



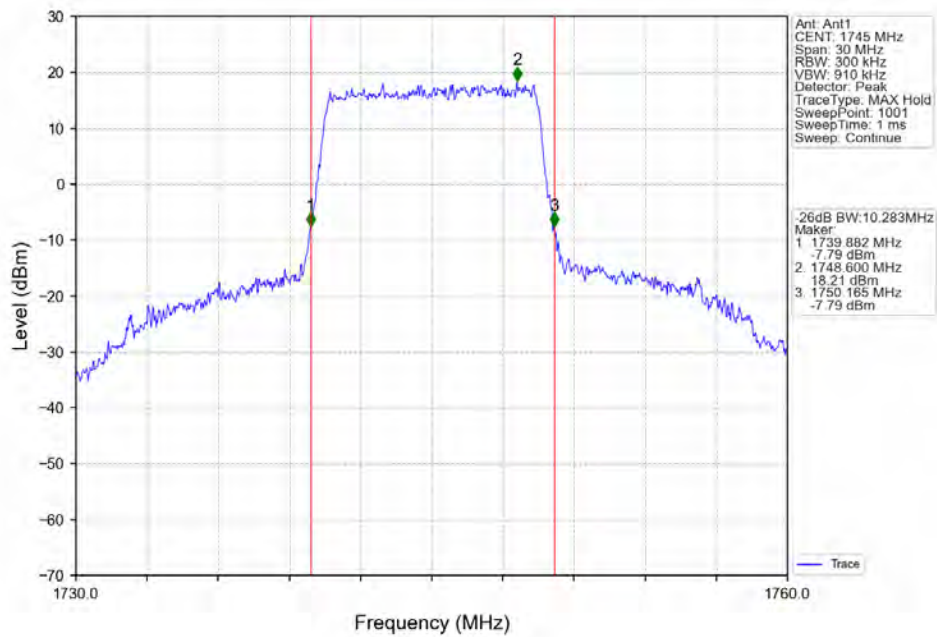
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



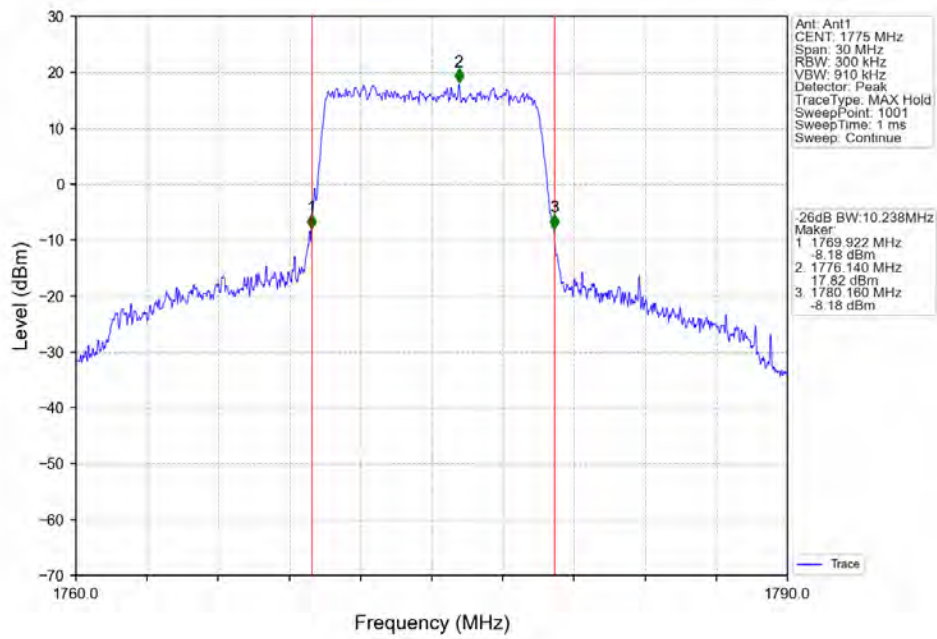
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



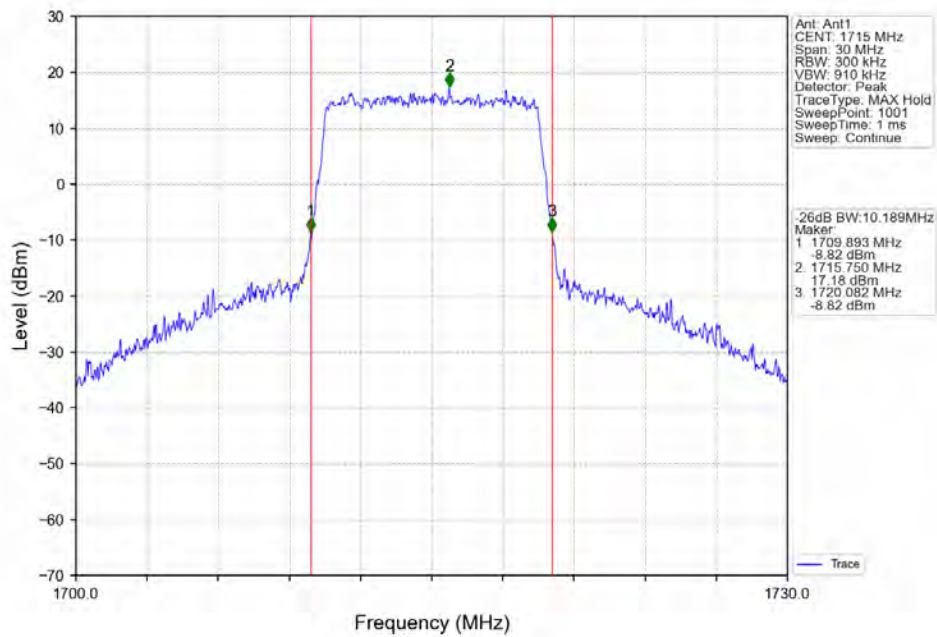
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



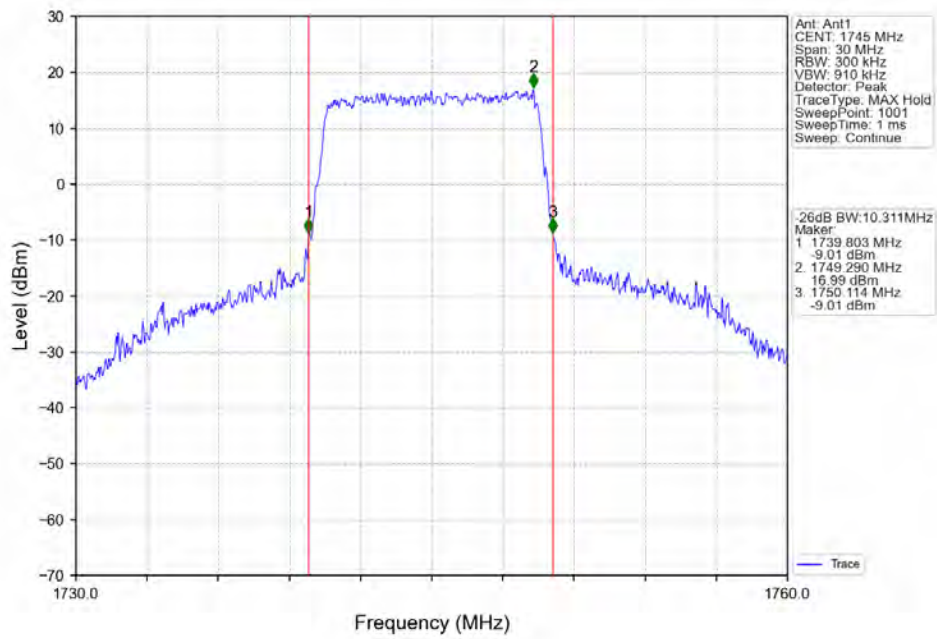
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



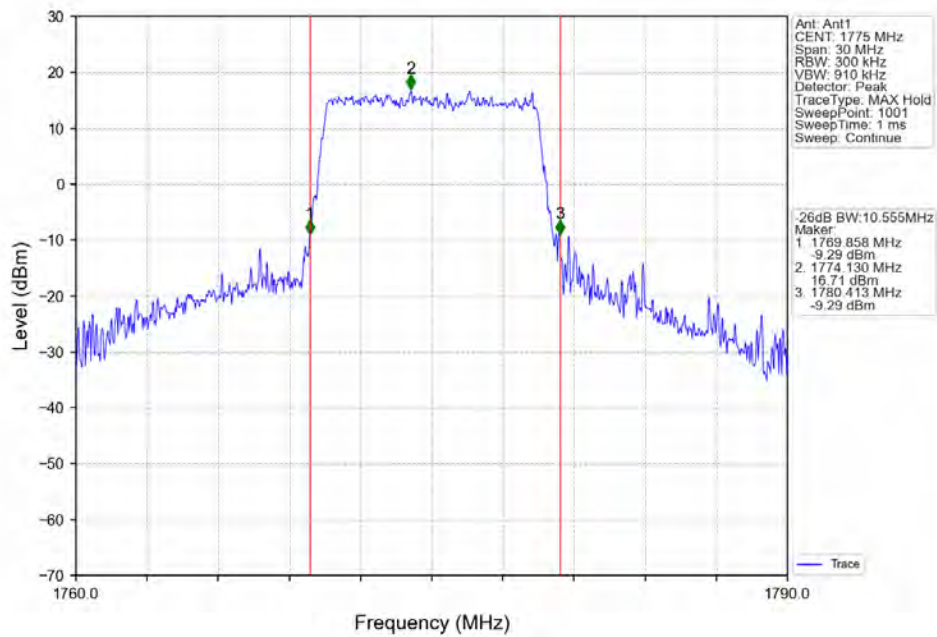
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



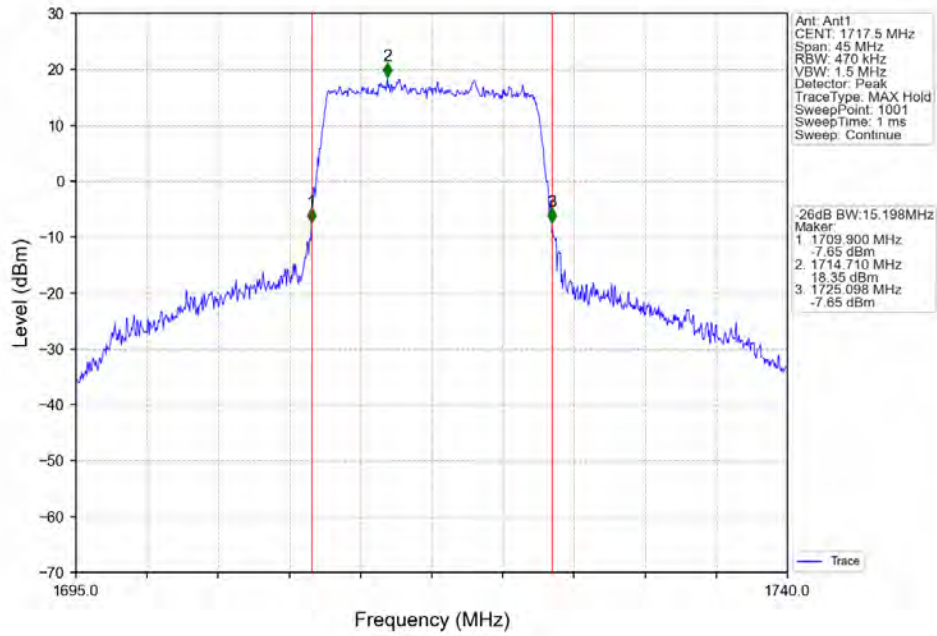
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



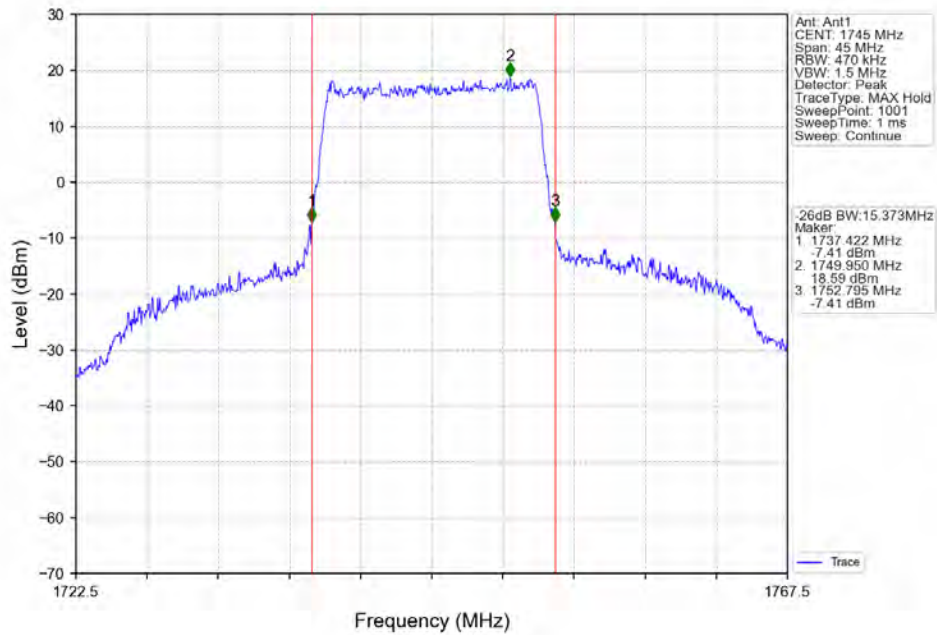
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



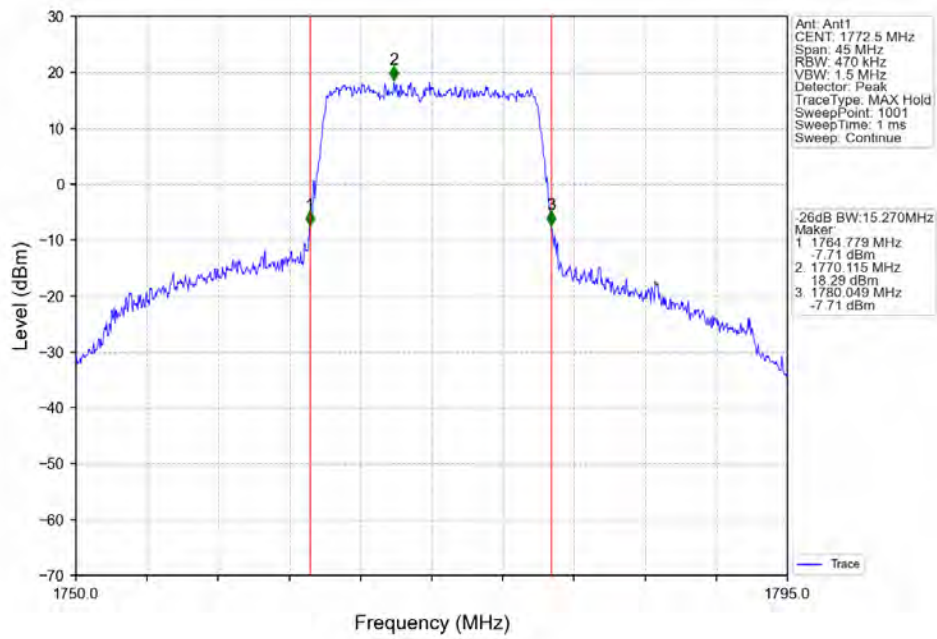
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



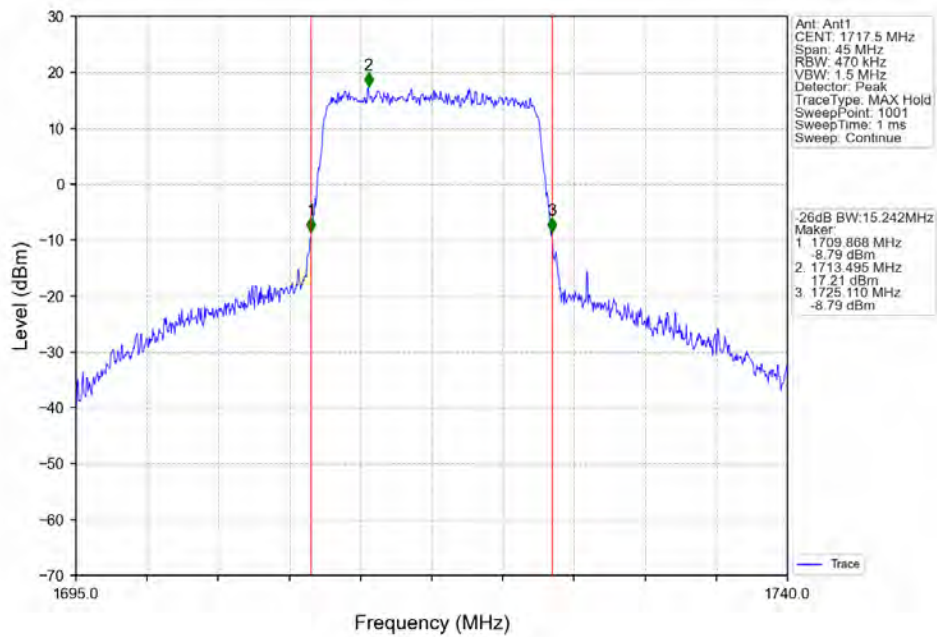
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



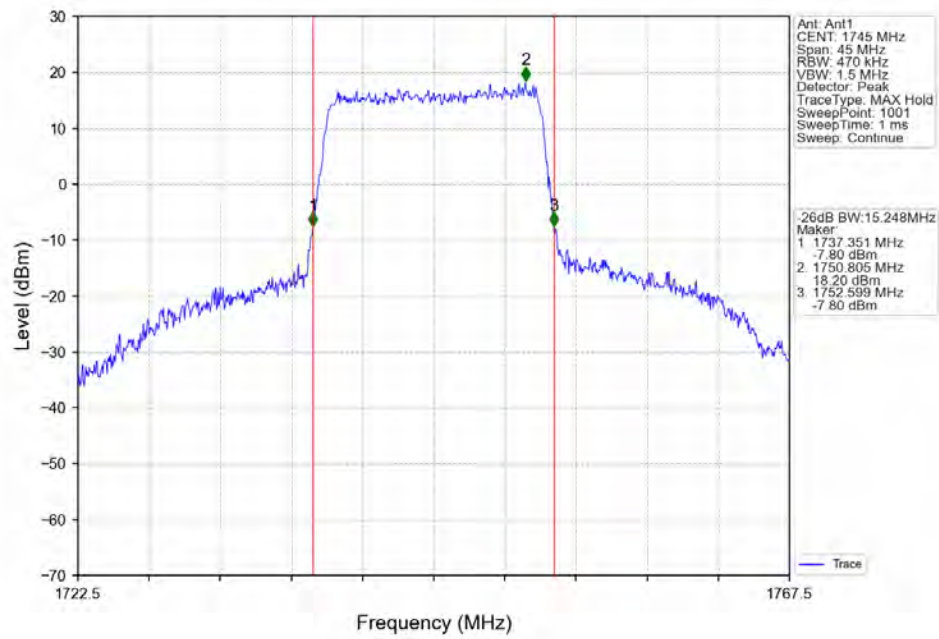
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



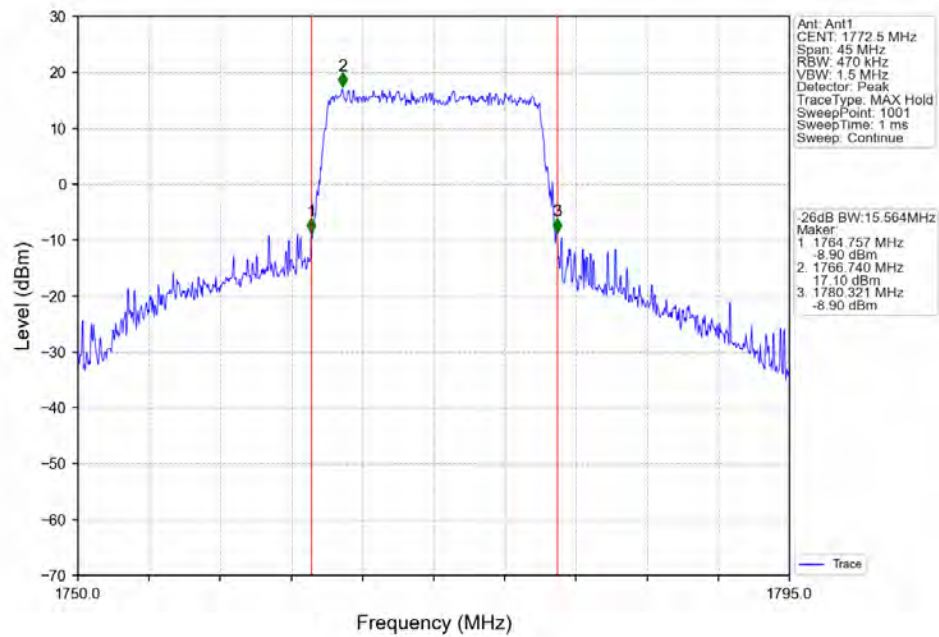
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



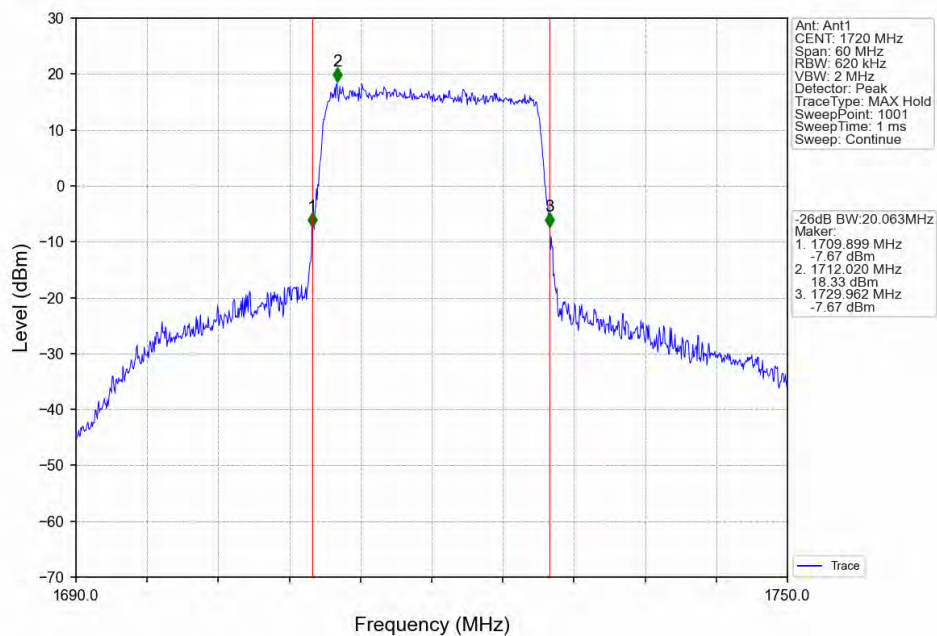
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



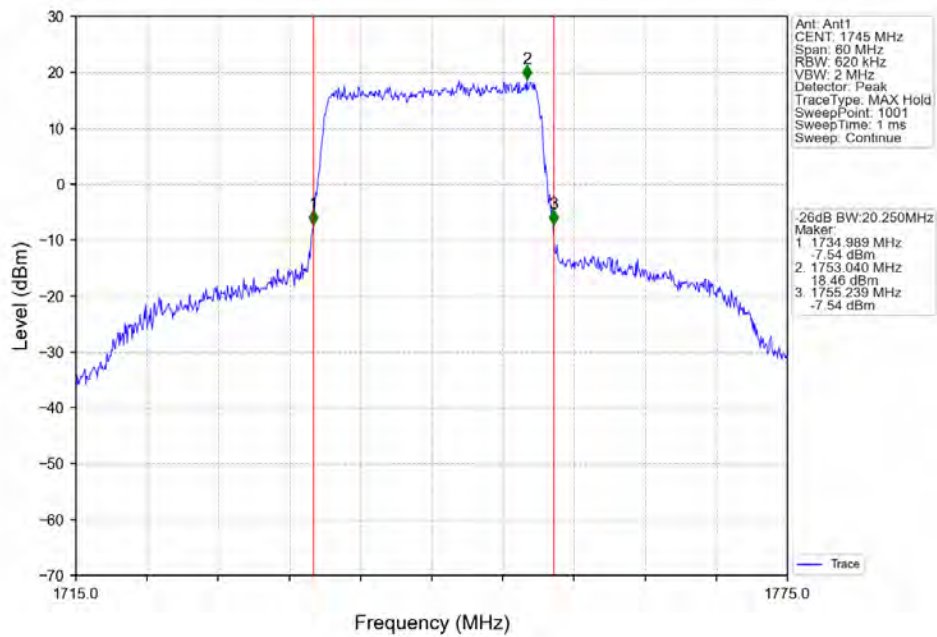
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



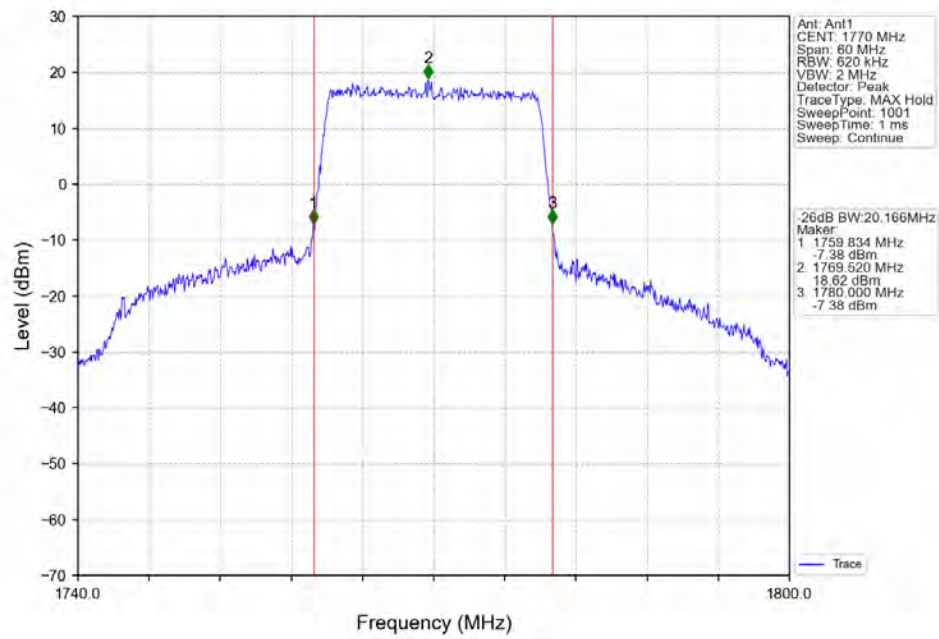
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



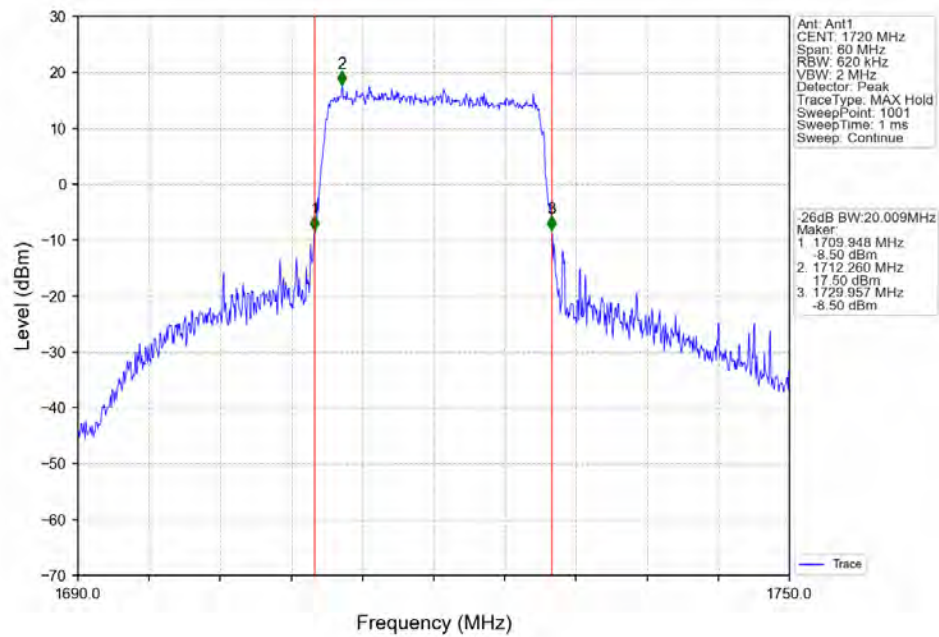
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



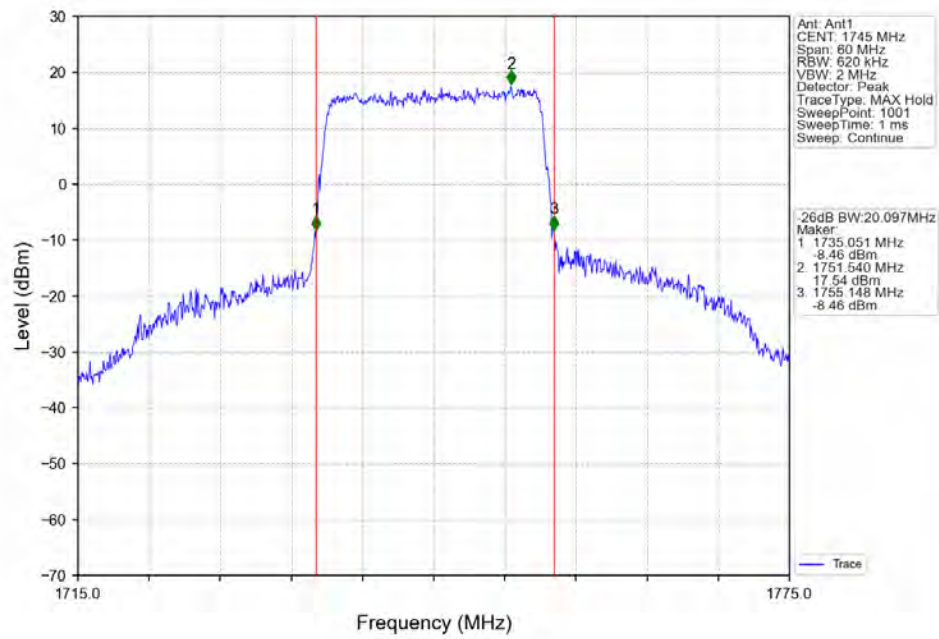
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



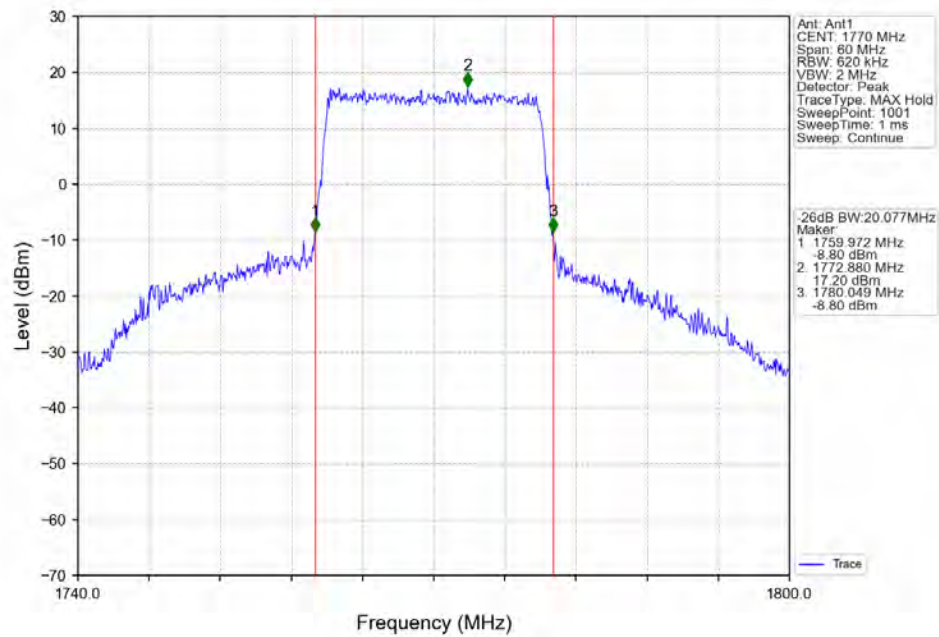
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



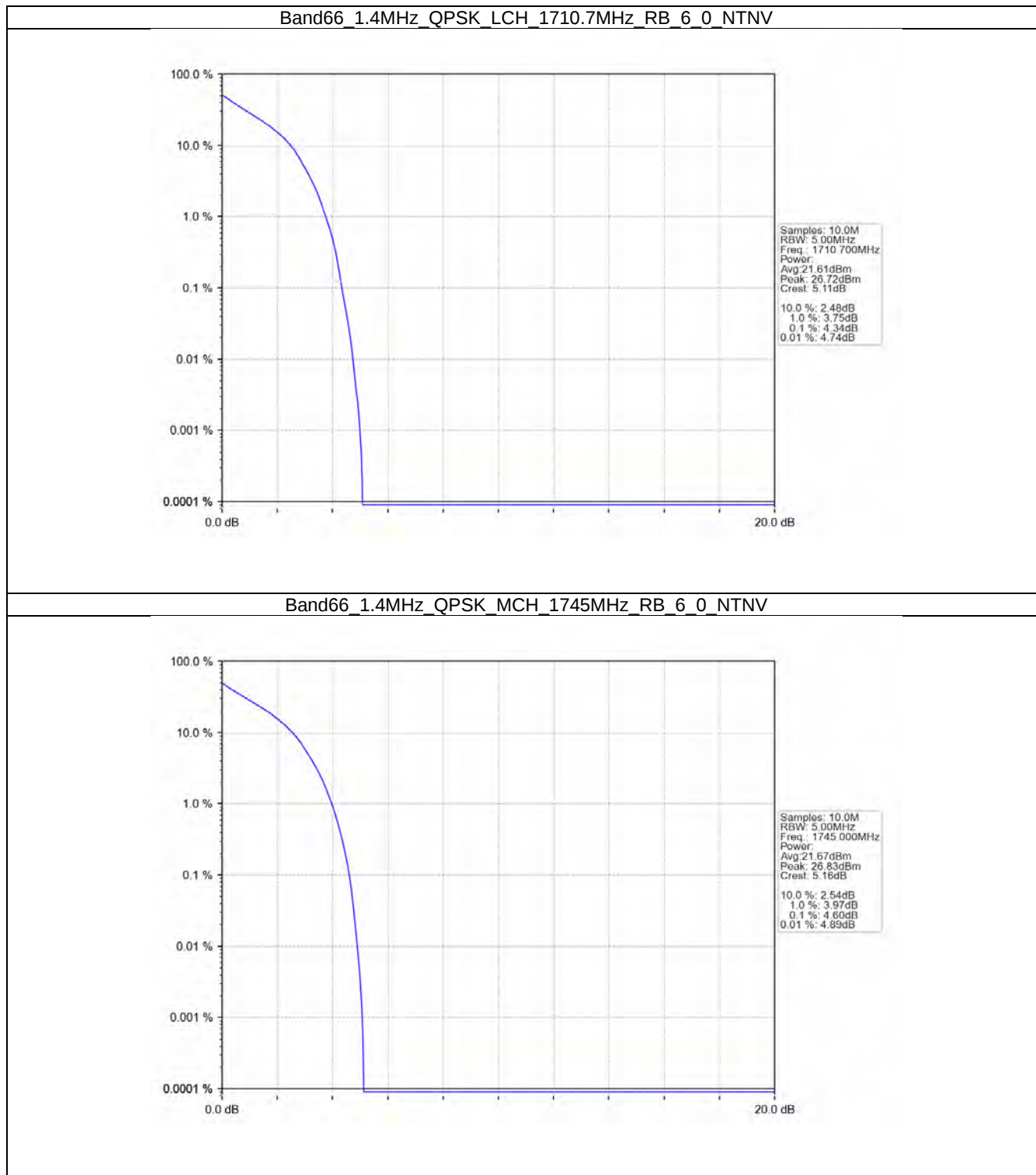
5. Peak-Average Ratio

5.1 B66_1.4MHz

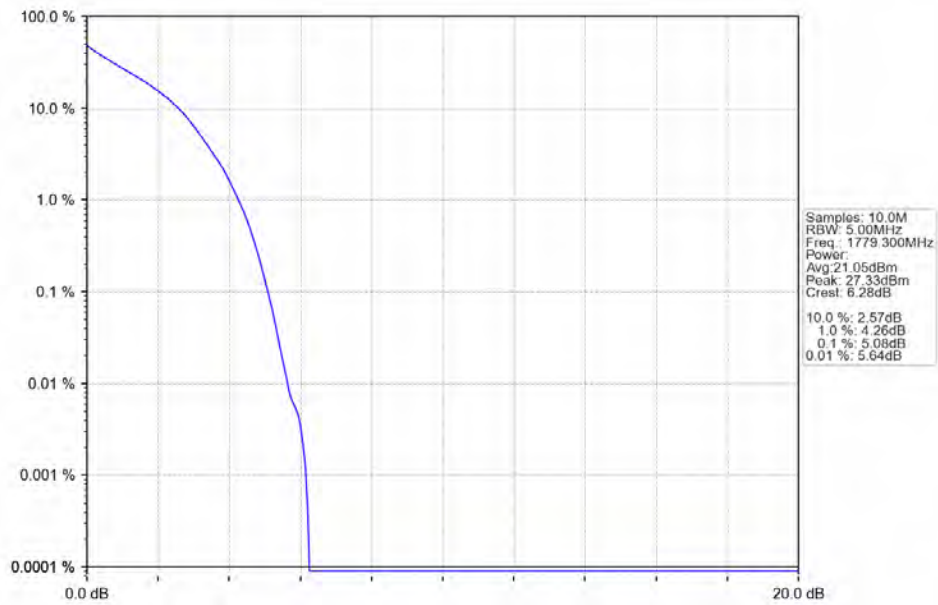
5.1.1 Test Result

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	4.34	<=13	Pass
	1745	6	0	4.60	<=13	Pass
	1779.3	6	0	5.08	<=13	Pass
16QAM	1710.7	6	0	5.18	<=13	Pass
	1745	6	0	5.50	<=13	Pass
	1779.3	6	0	5.78	<=13	Pass

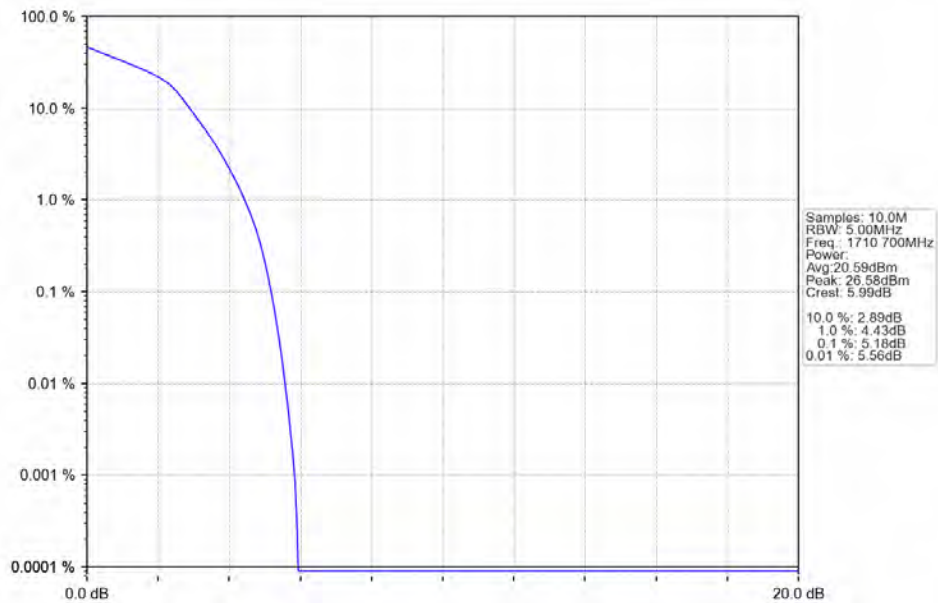
5.1.2 Test Graph



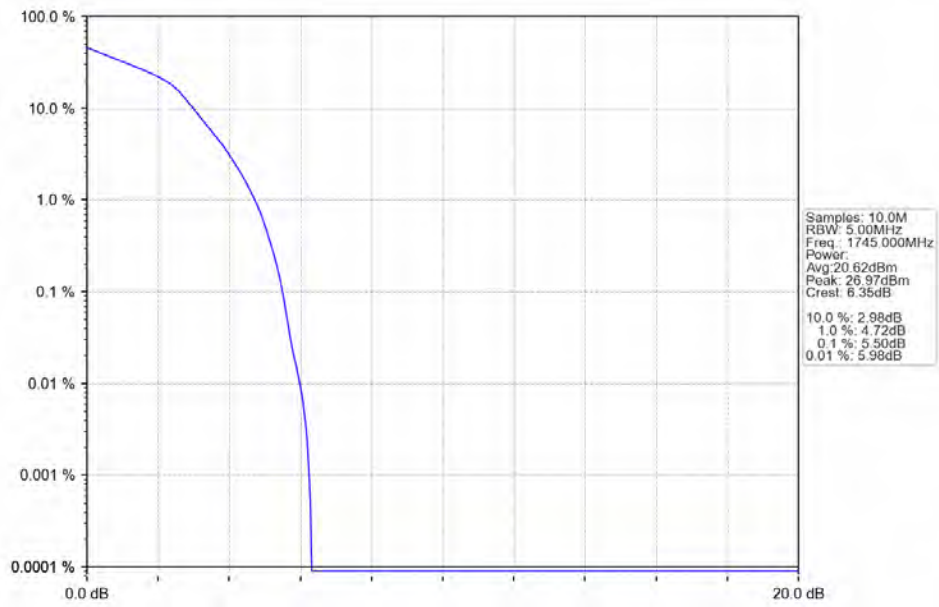
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



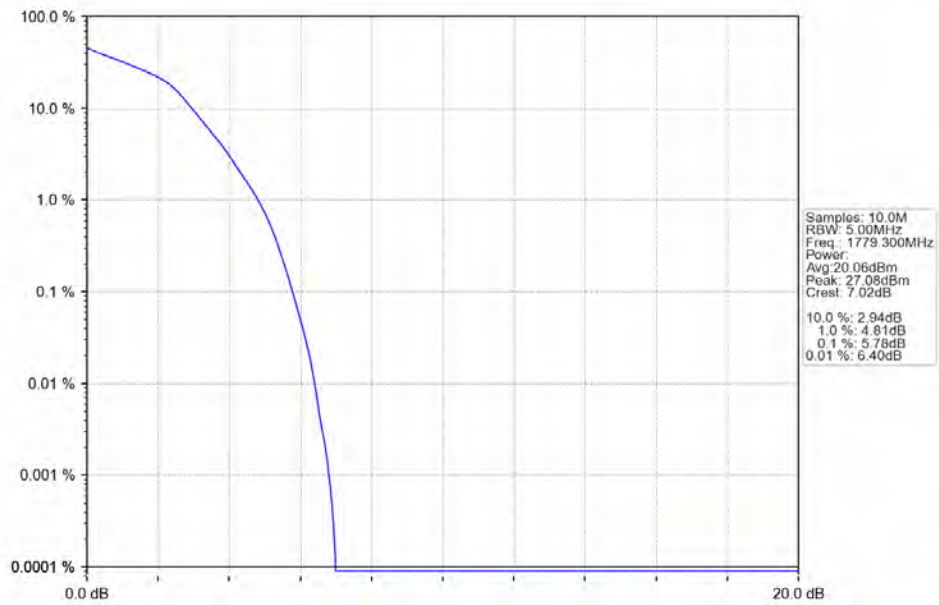
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

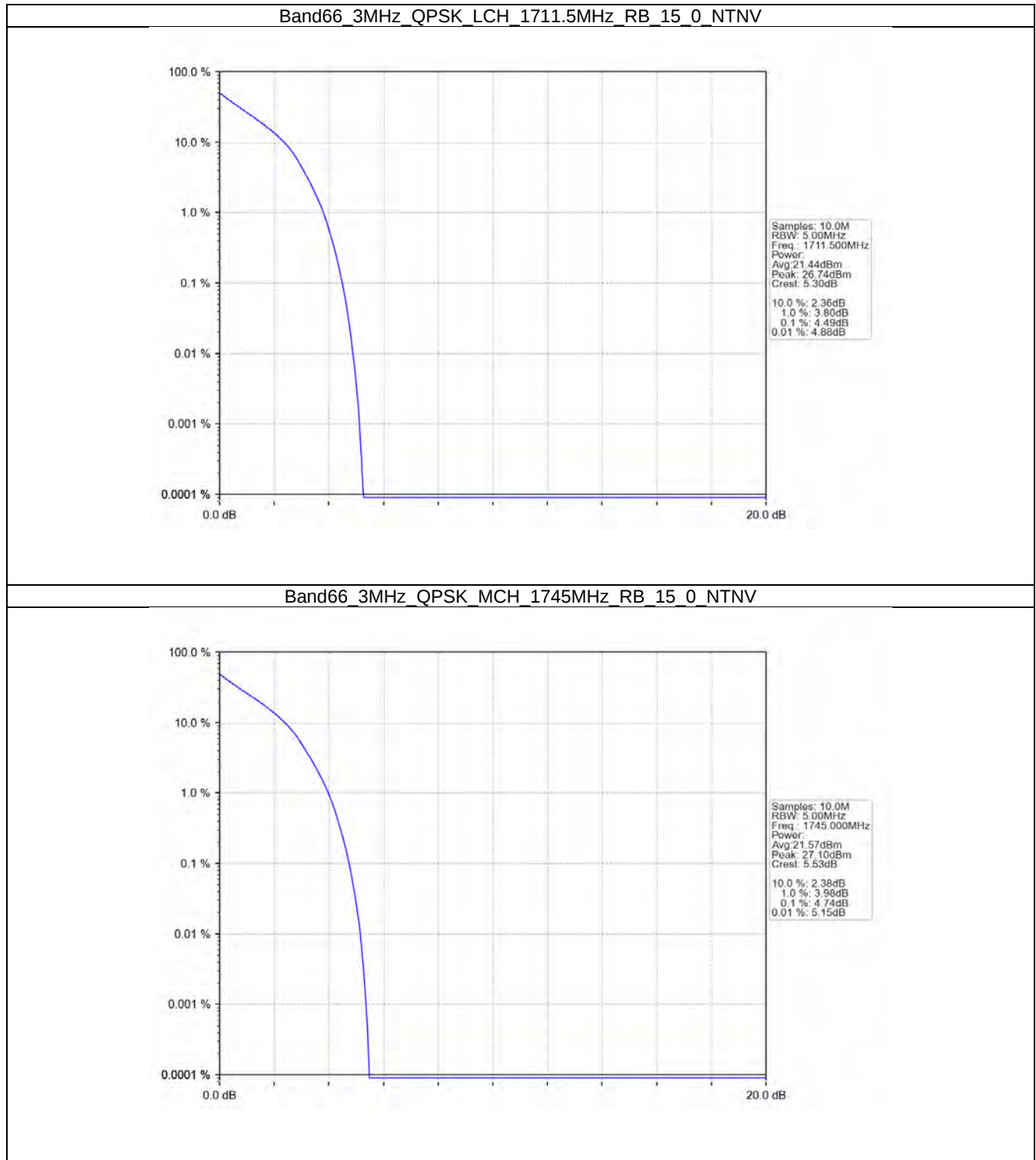


5.2 B66_3MHz

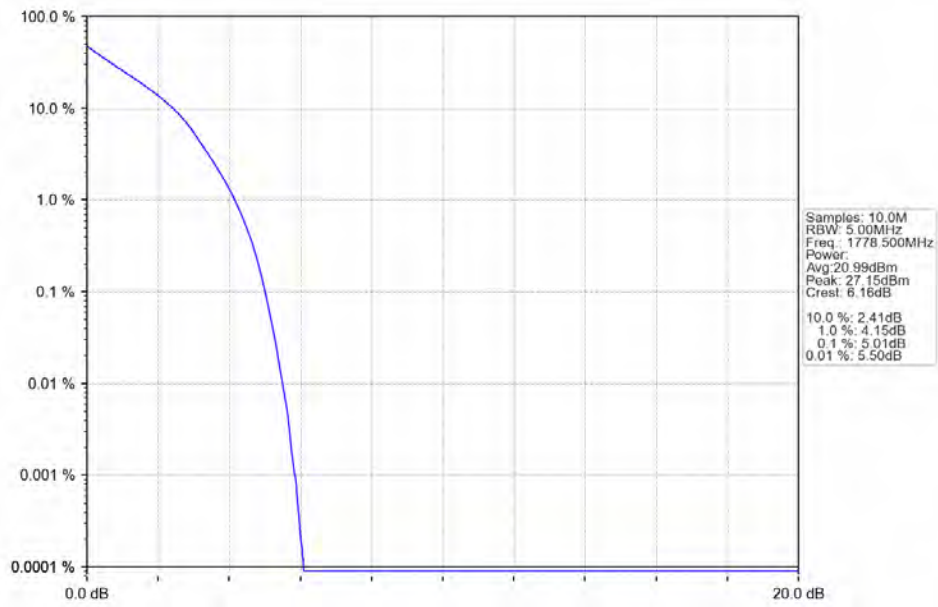
5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.49	<=13	Pass
	1745	15	0	4.74	<=13	Pass
	1778.5	15	0	5.01	<=13	Pass
16QAM	1711.5	15	0	5.34	<=13	Pass
	1745	15	0	5.63	<=13	Pass
	1778.5	15	0	5.82	<=13	Pass

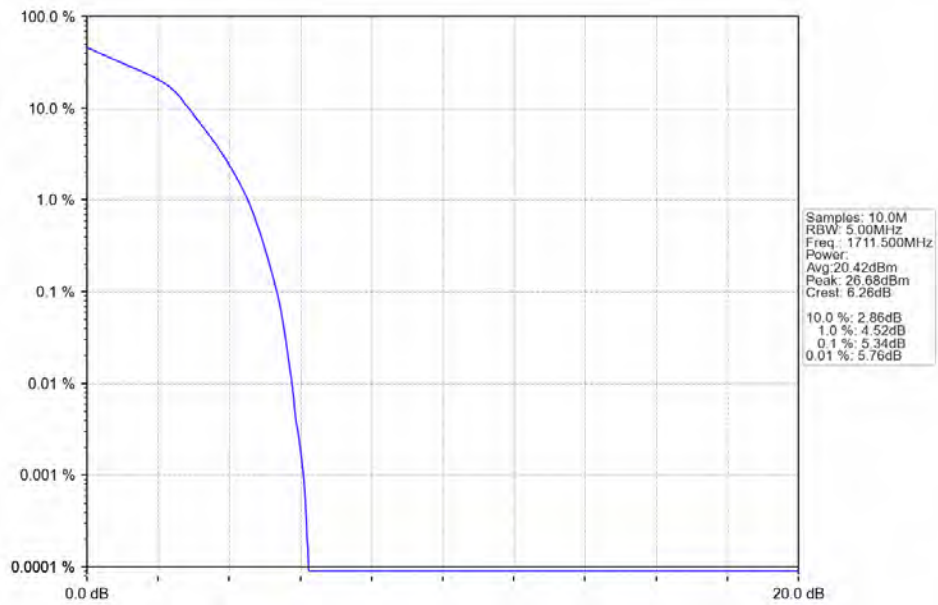
5.2.2 Test Graph



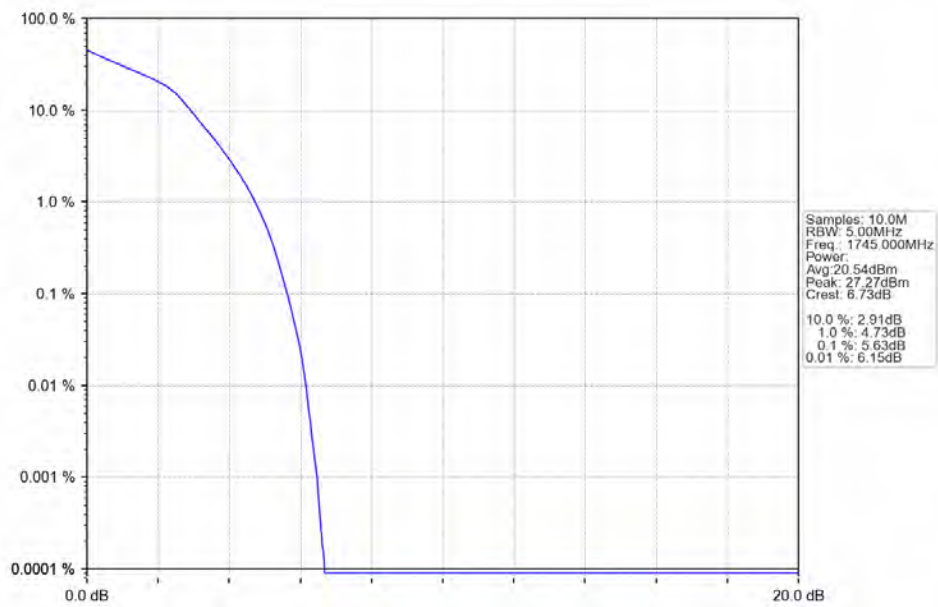
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



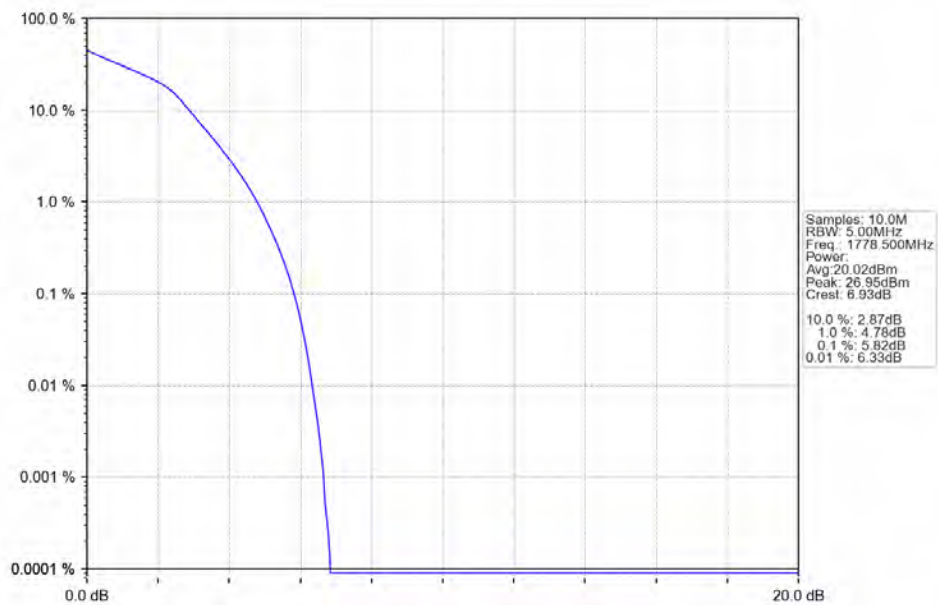
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

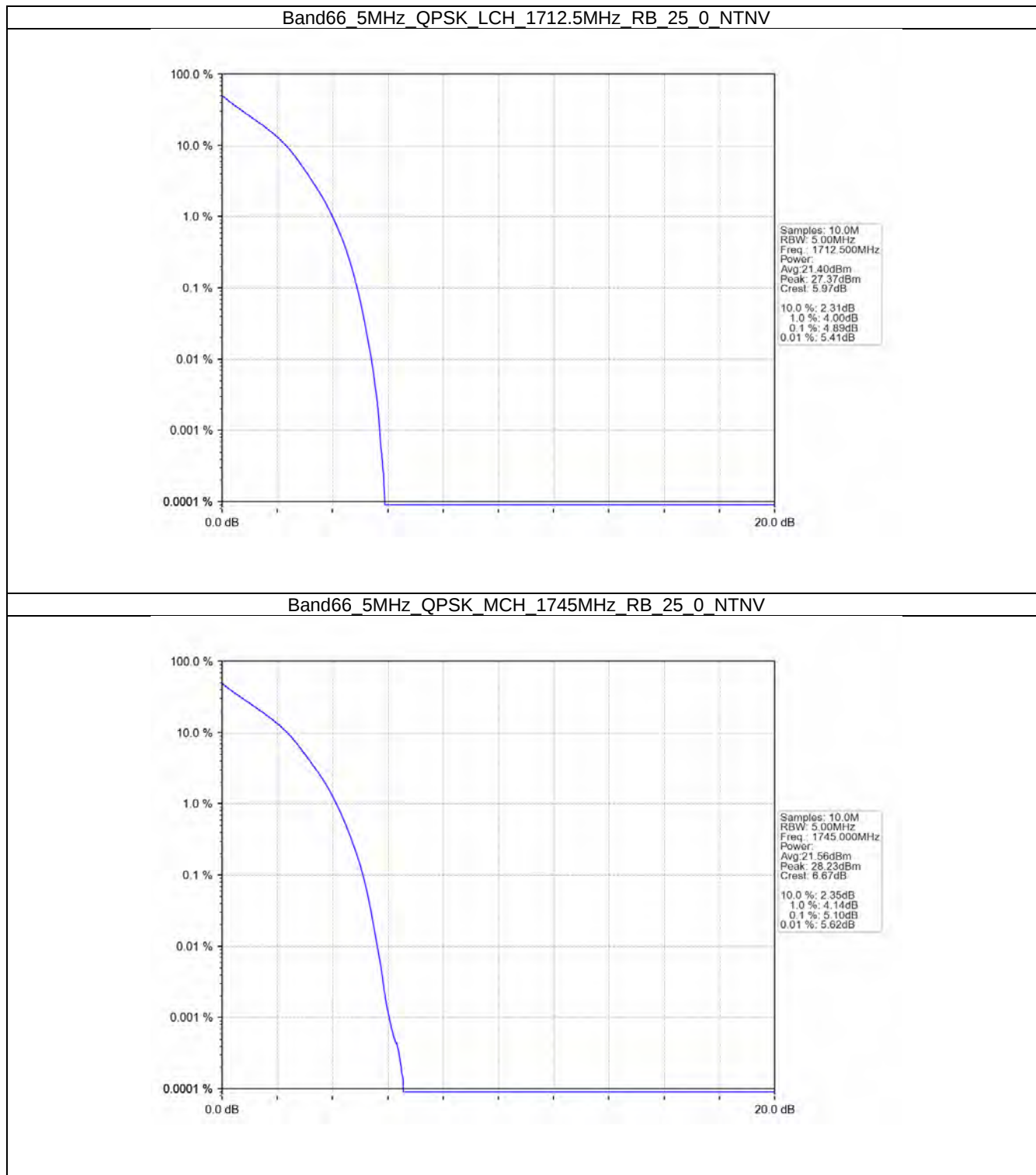


5.3 B66_5MHz

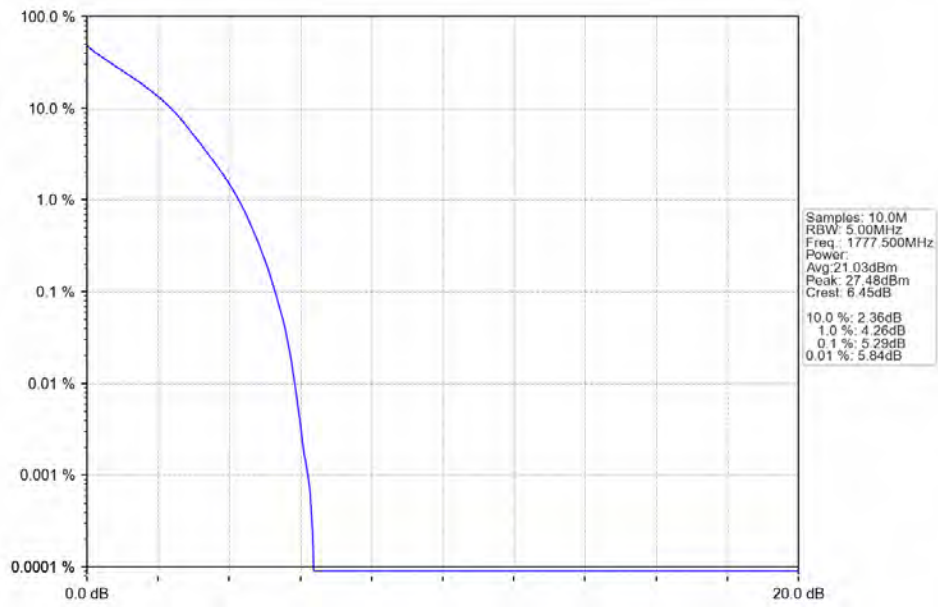
5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.89	<=13	Pass
	1745	25	0	5.10	<=13	Pass
	1777.5	25	0	5.29	<=13	Pass
16QAM	1712.5	25	0	5.59	<=13	Pass
	1745	25	0	5.81	<=13	Pass
	1777.5	25	0	5.99	<=13	Pass

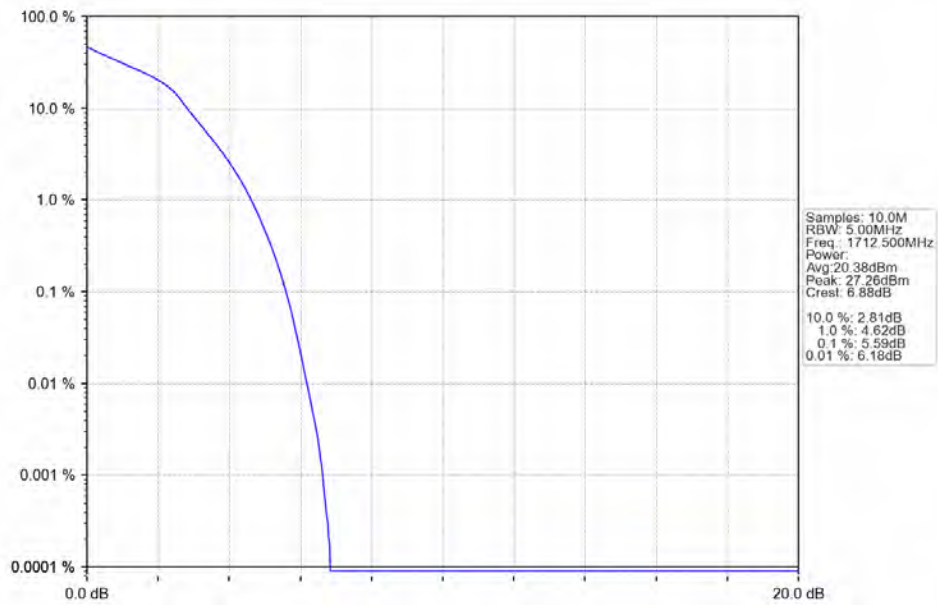
5.3.2 Test Graph



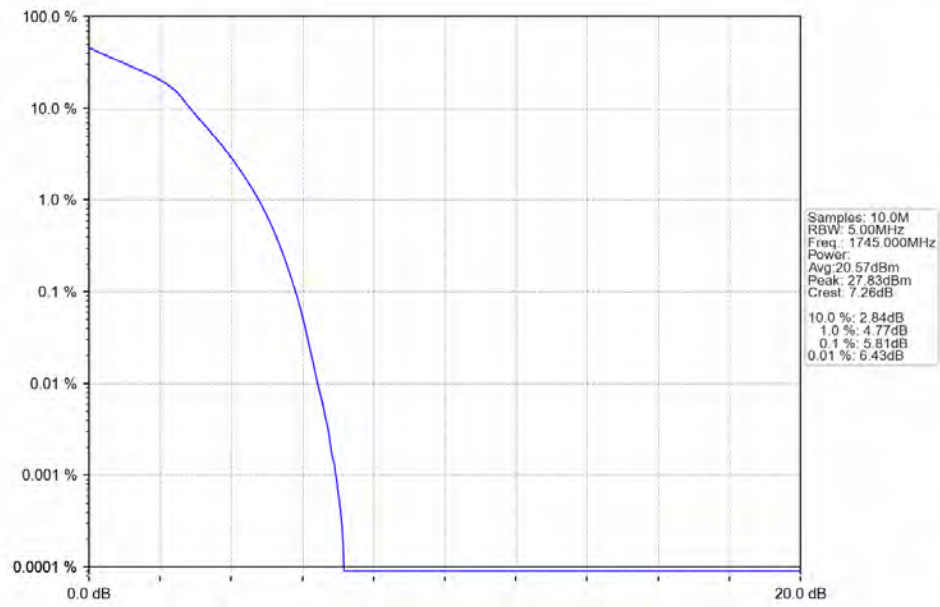
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



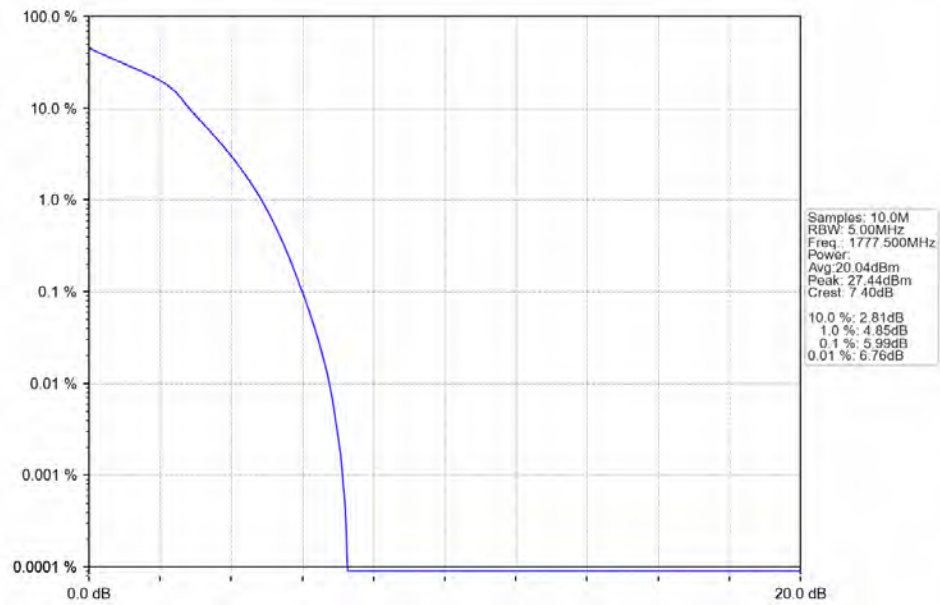
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

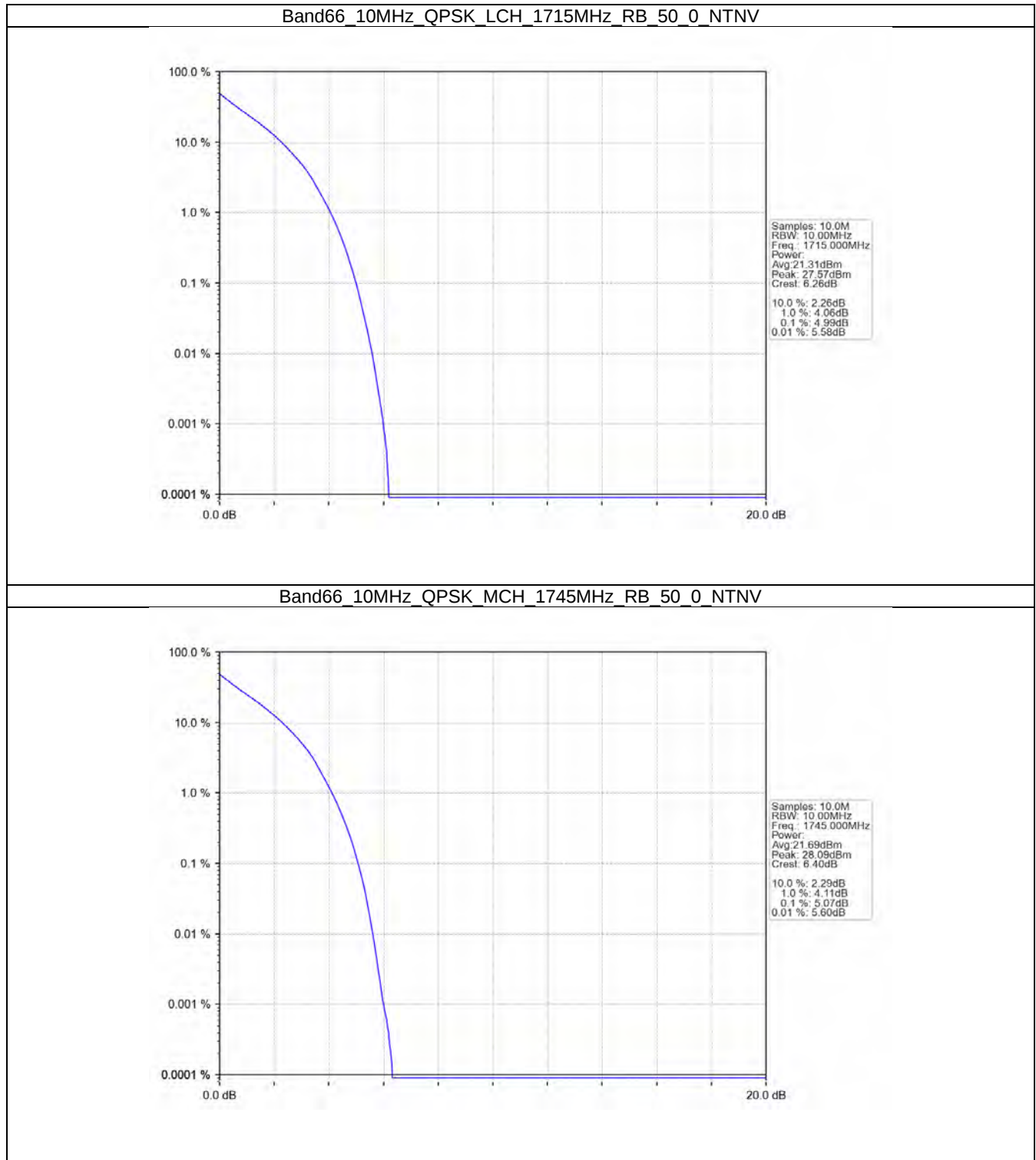


5.4 B66_10MHz

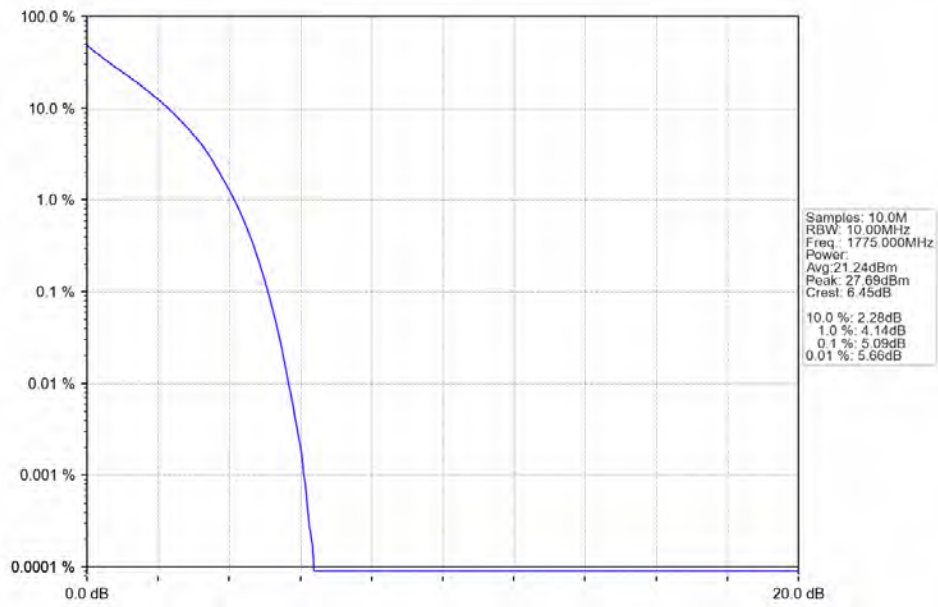
5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.99	<=13	Pass
	1745	50	0	5.07	<=13	Pass
	1775	50	0	5.09	<=13	Pass
16QAM	1715	50	0	5.72	<=13	Pass
	1745	50	0	5.85	<=13	Pass
	1775	50	0	5.84	<=13	Pass

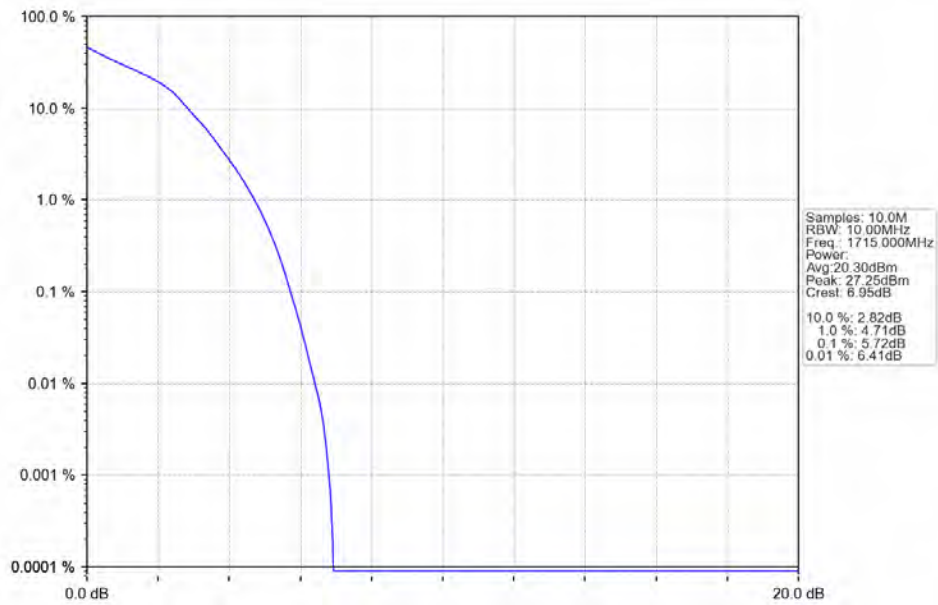
5.4.2 Test Graph



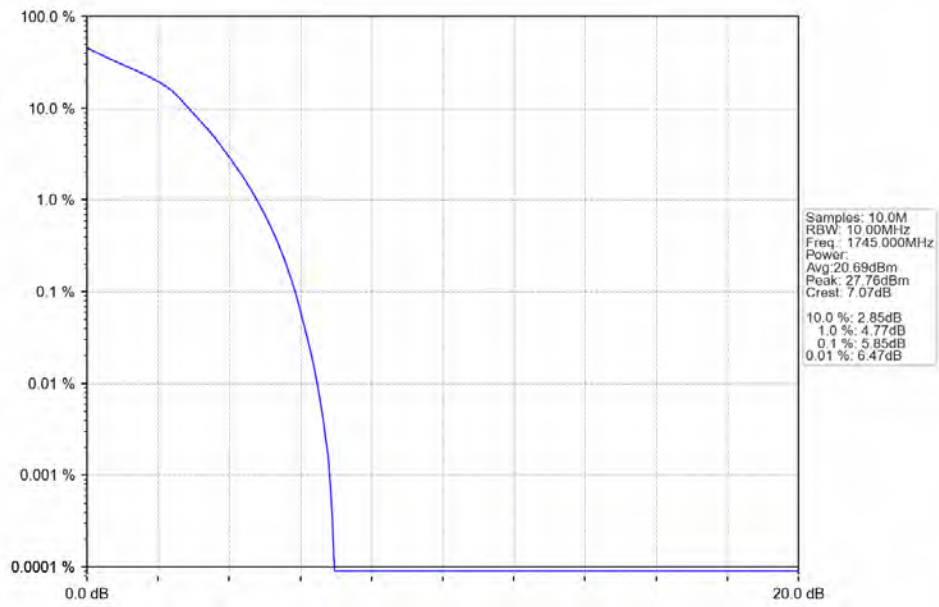
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



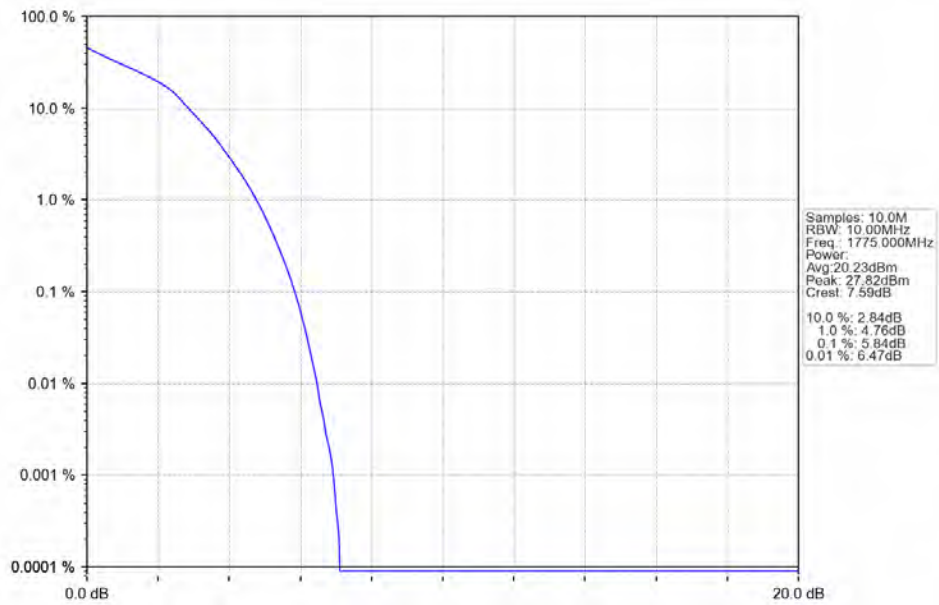
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV

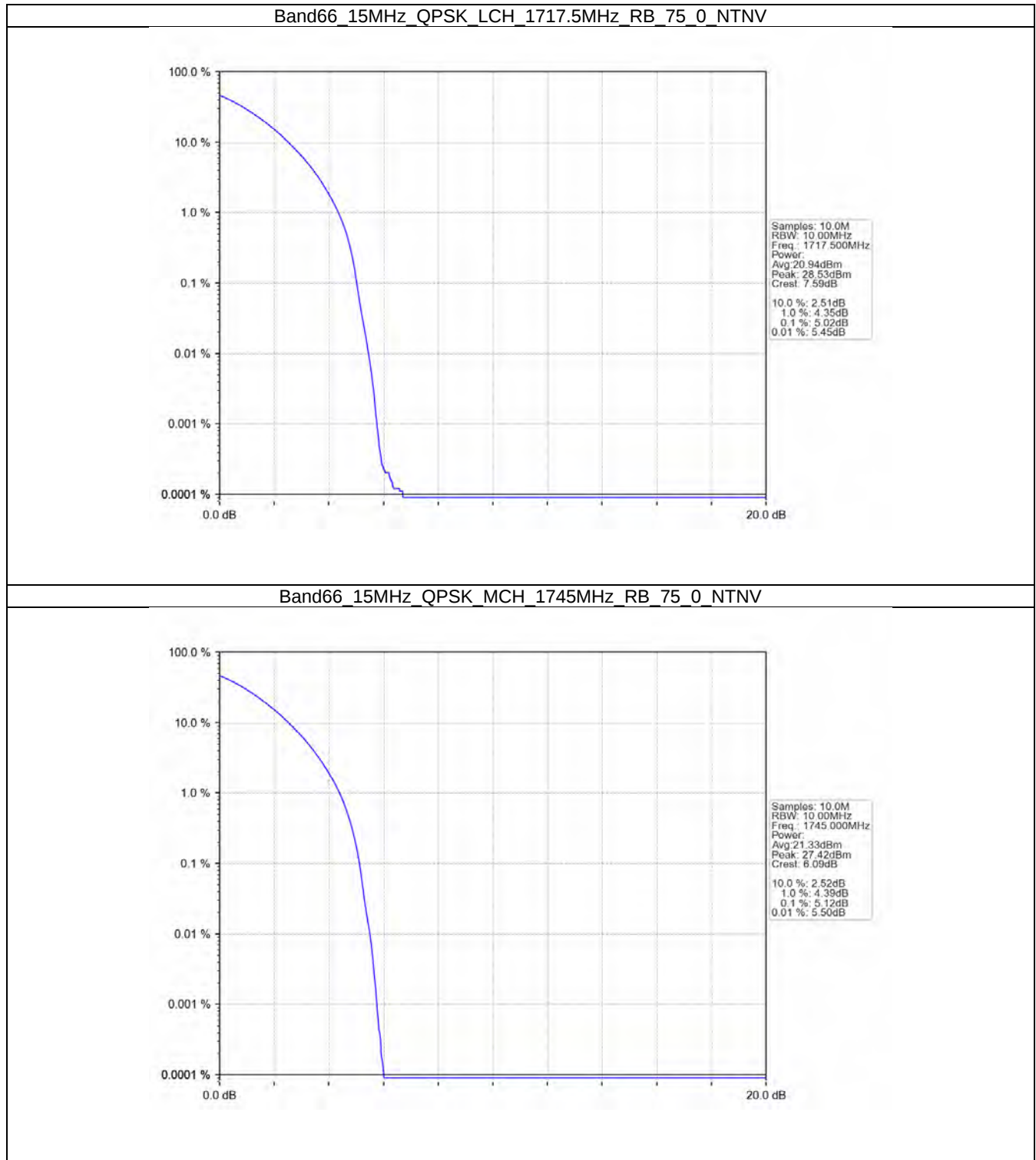


5.5 B66_15MHz

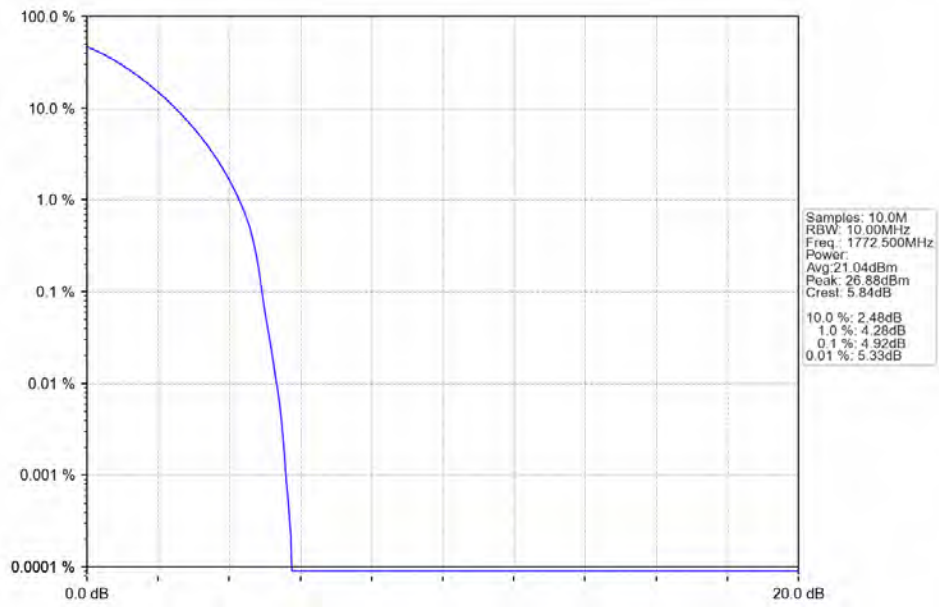
5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.02	<=13	Pass
	1745	75	0	5.12	<=13	Pass
	1772.5	75	0	4.92	<=13	Pass
16QAM	1717.5	75	0	5.84	<=13	Pass
	1745	75	0	5.90	<=13	Pass
	1772.5	75	0	5.73	<=13	Pass

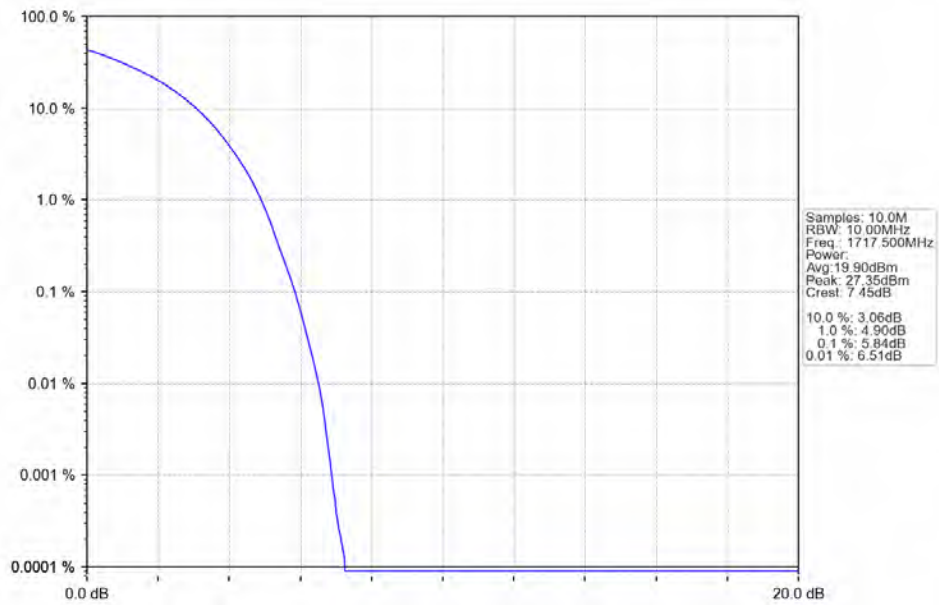
5.5.2 Test Graph



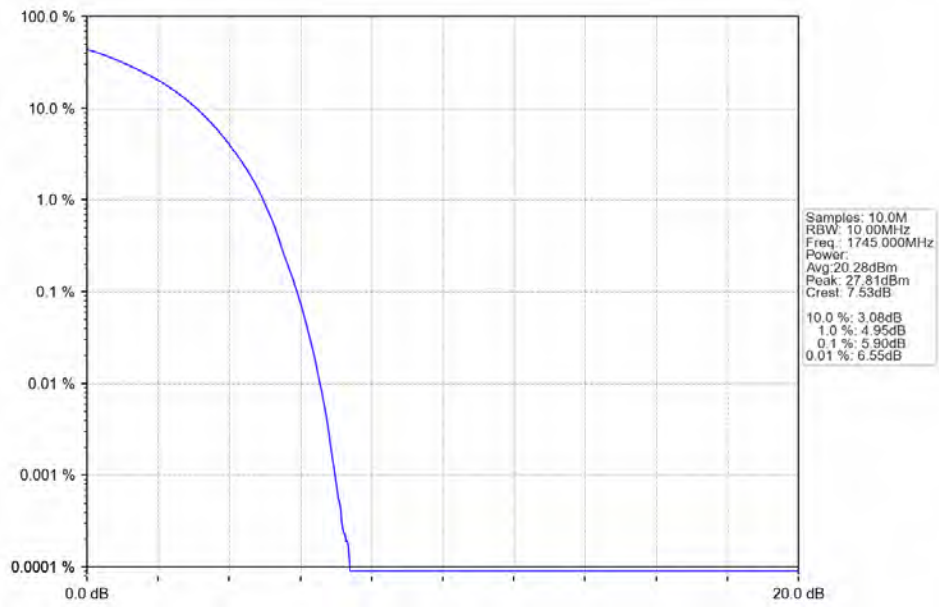
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



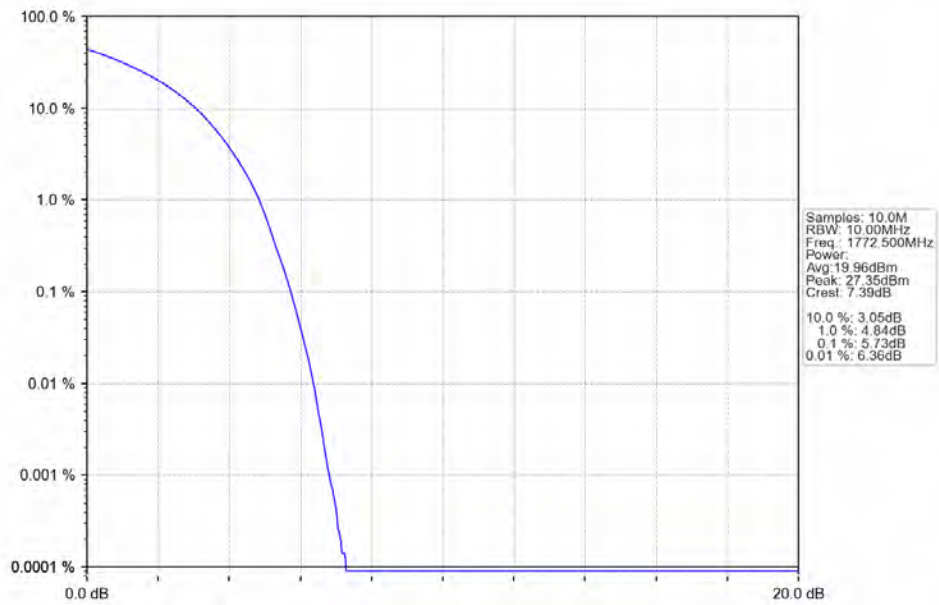
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

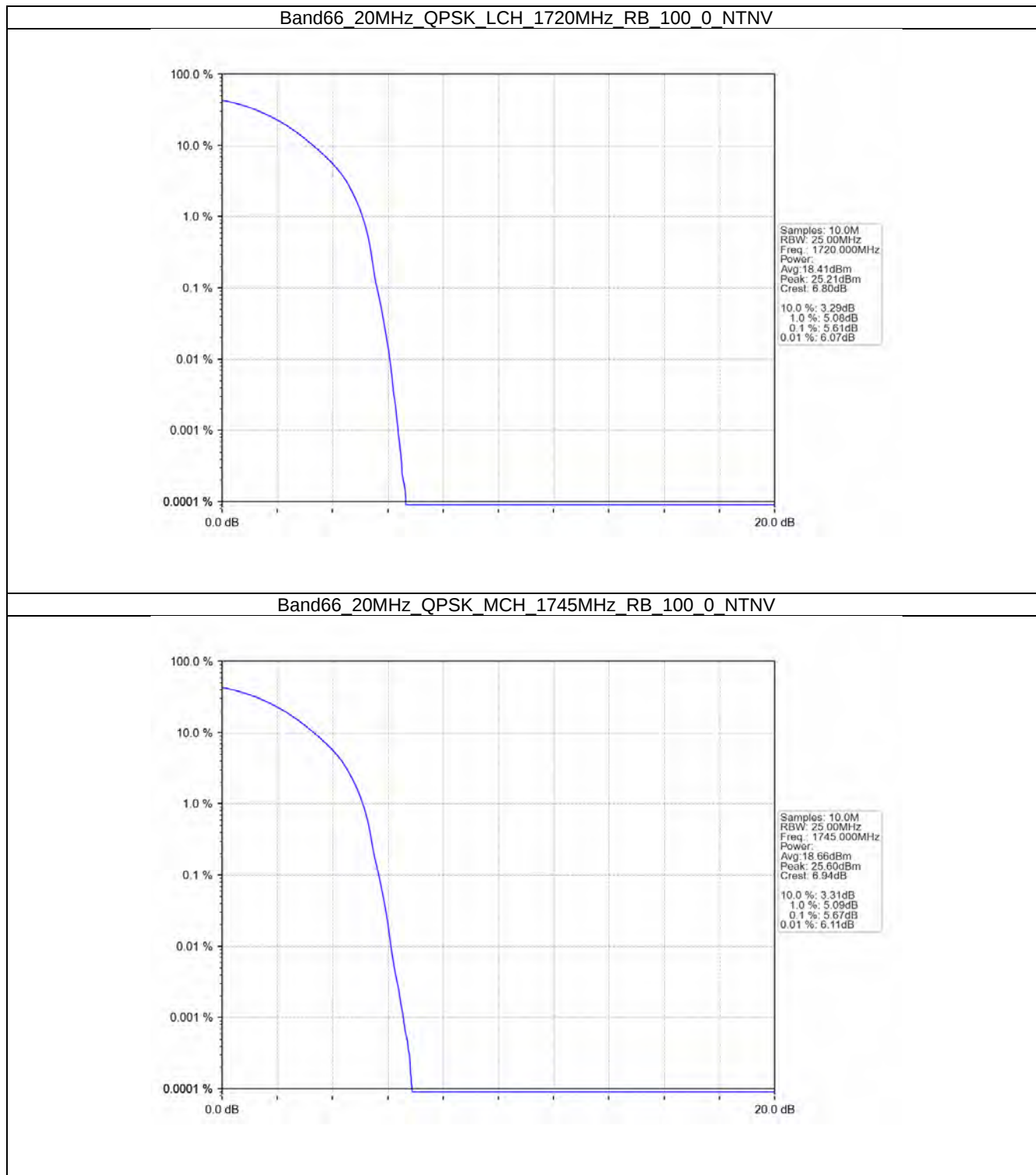


5.6 B66_20MHz

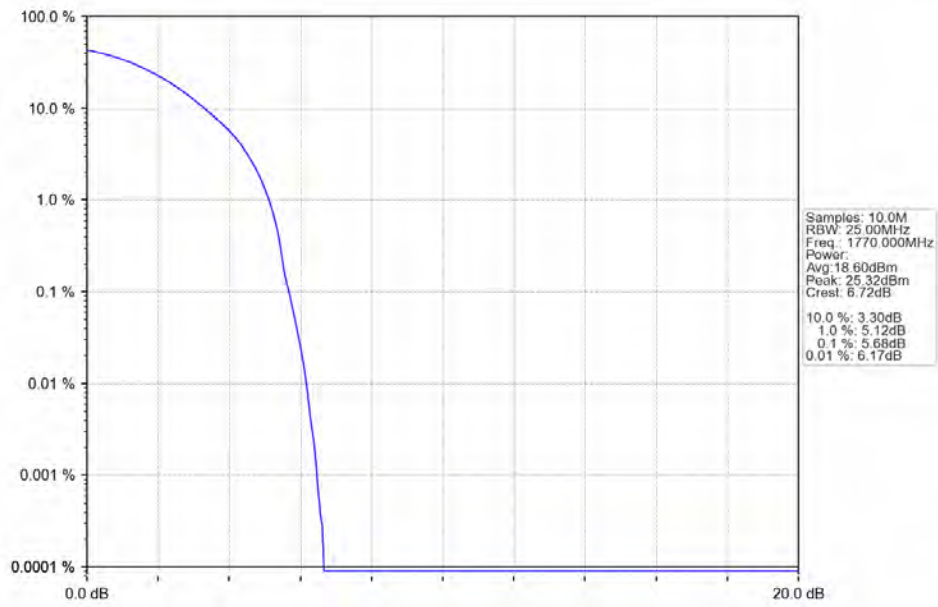
5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.61	<=13	Pass
	1745	100	0	5.67	<=13	Pass
	1770	100	0	5.68	<=13	Pass
16QAM	1720	100	0	6.70	<=13	Pass
	1745	100	0	6.70	<=13	Pass
	1770	100	0	6.59	<=13	Pass

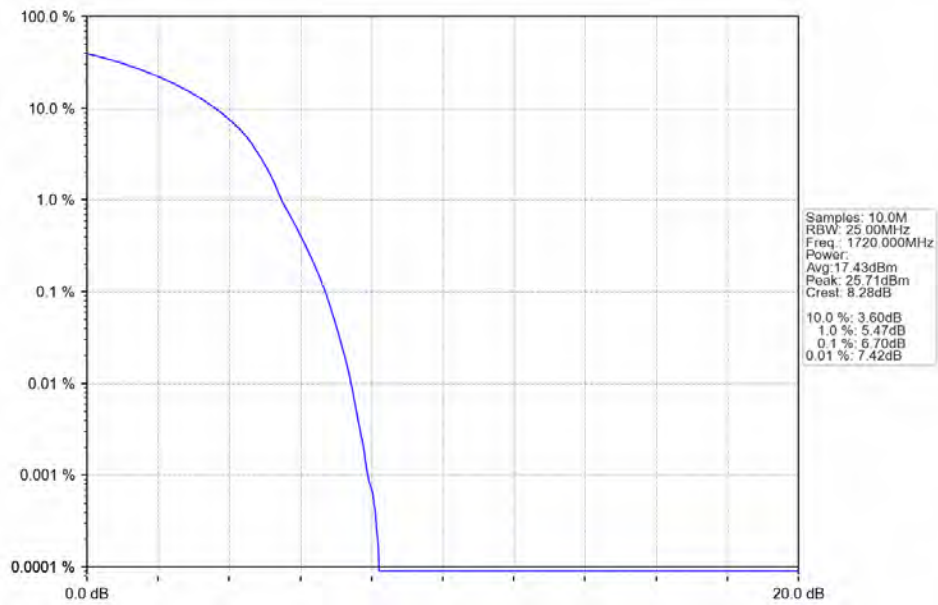
5.6.2 Test Graph



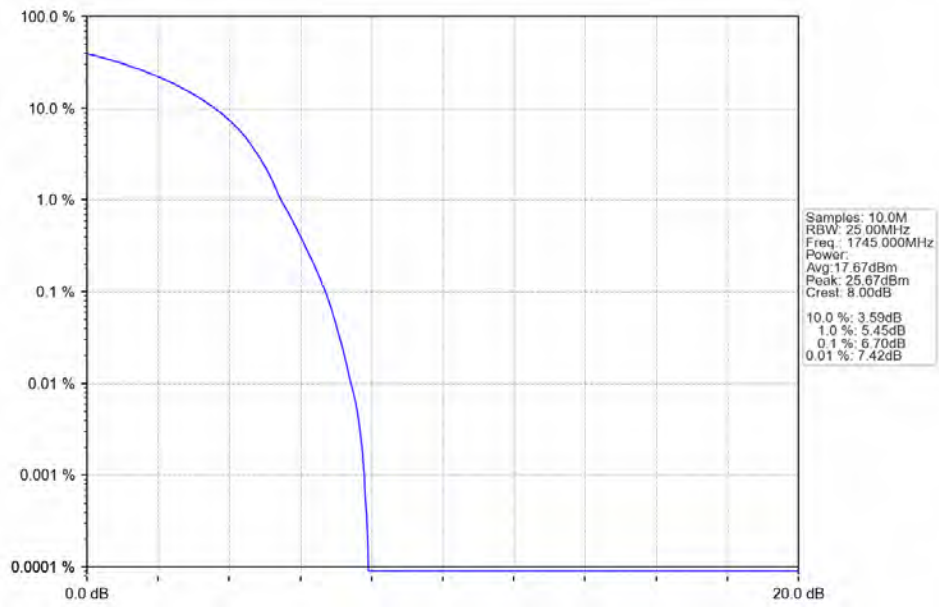
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



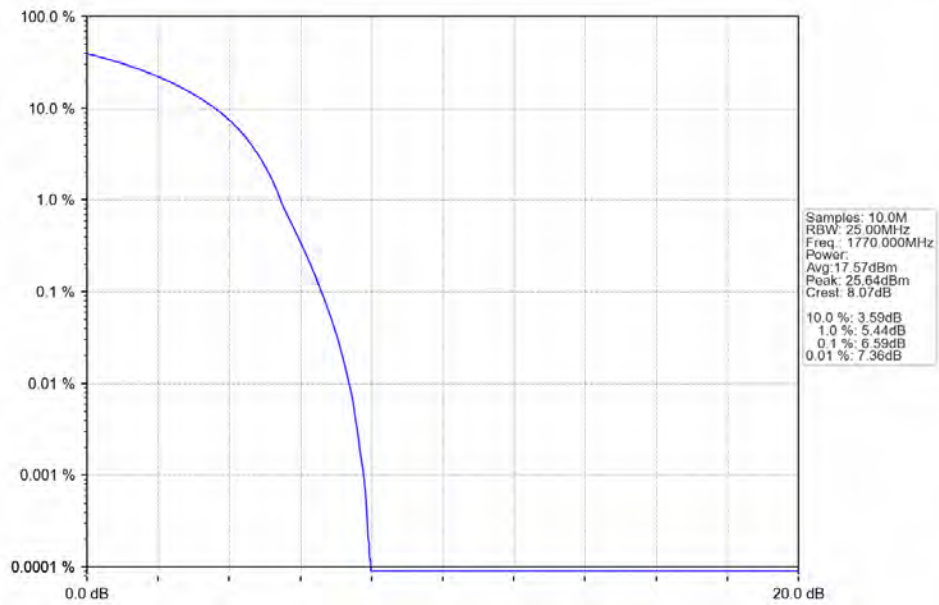
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



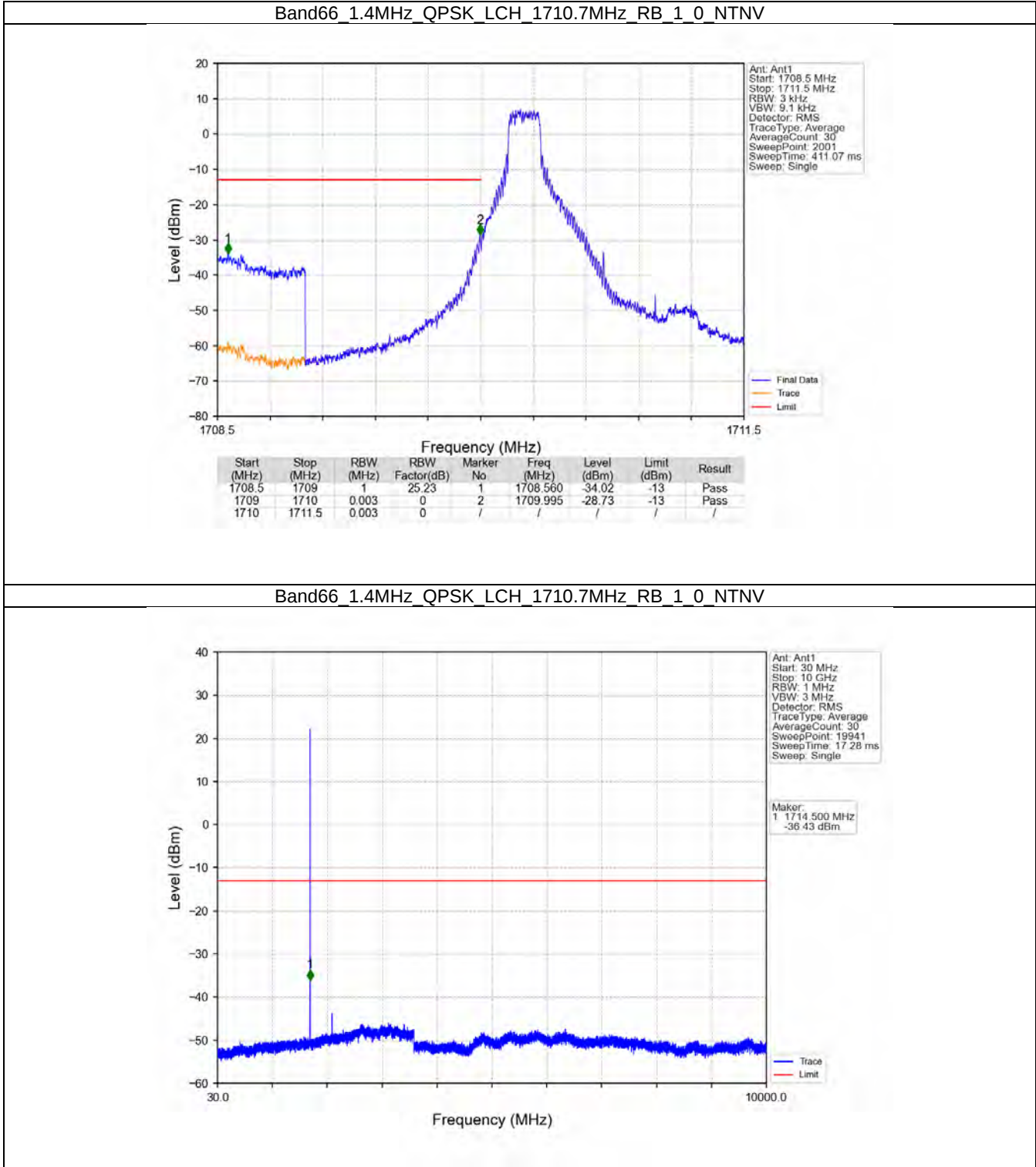
6. Spurious Emission

6.1 B66_1.4MHz

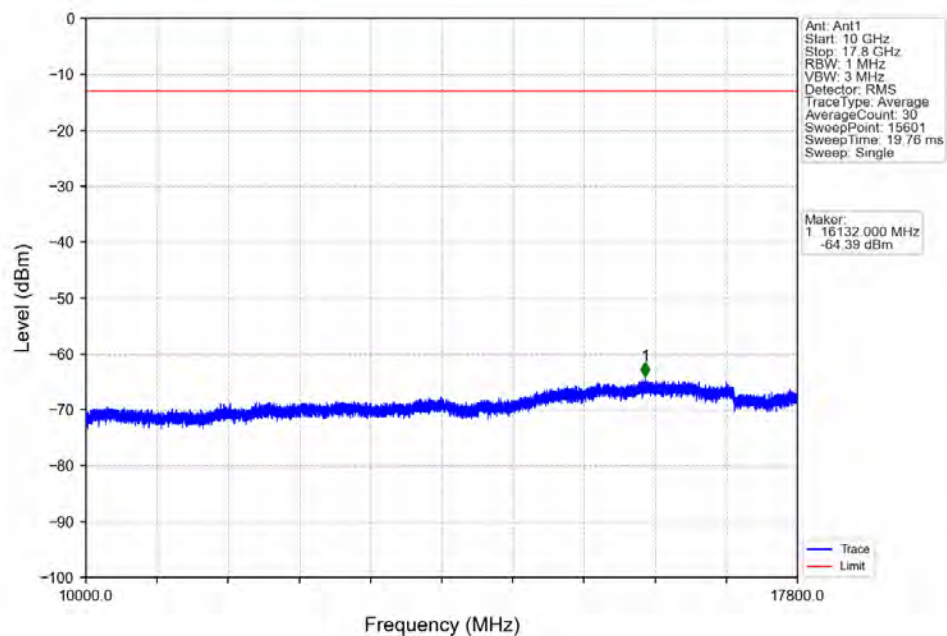
6.1.1 Test Result

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
16QAM	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

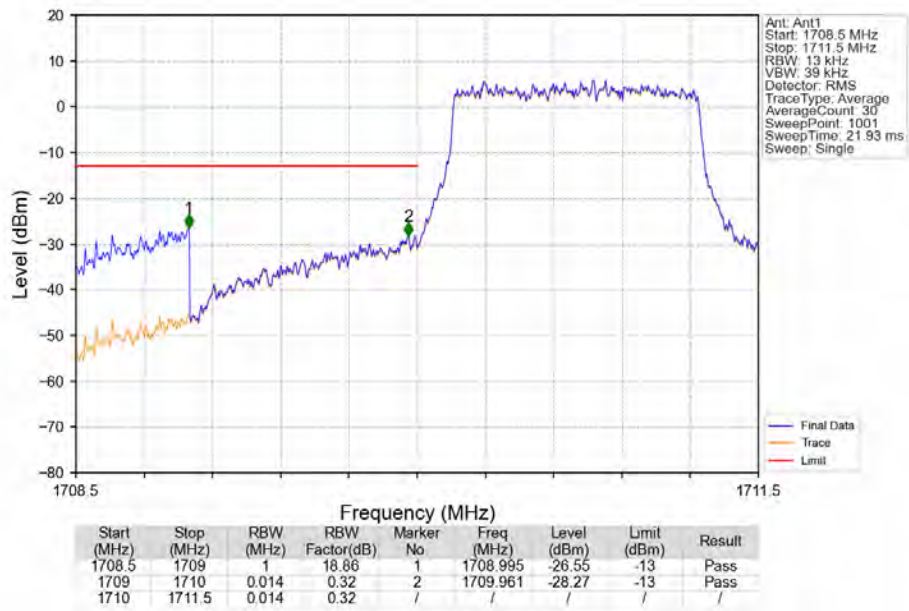
6.1.2 Test Graph



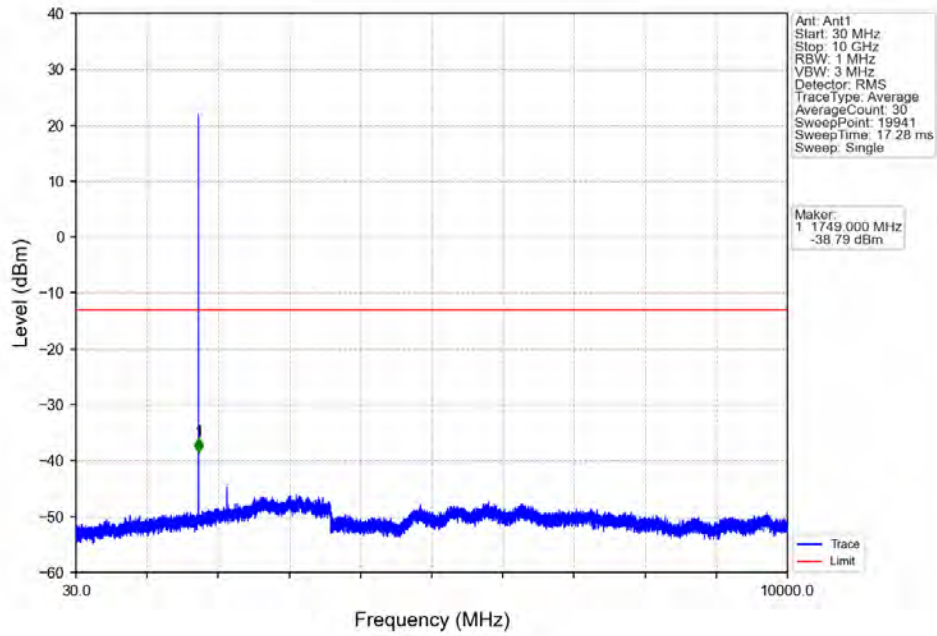
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



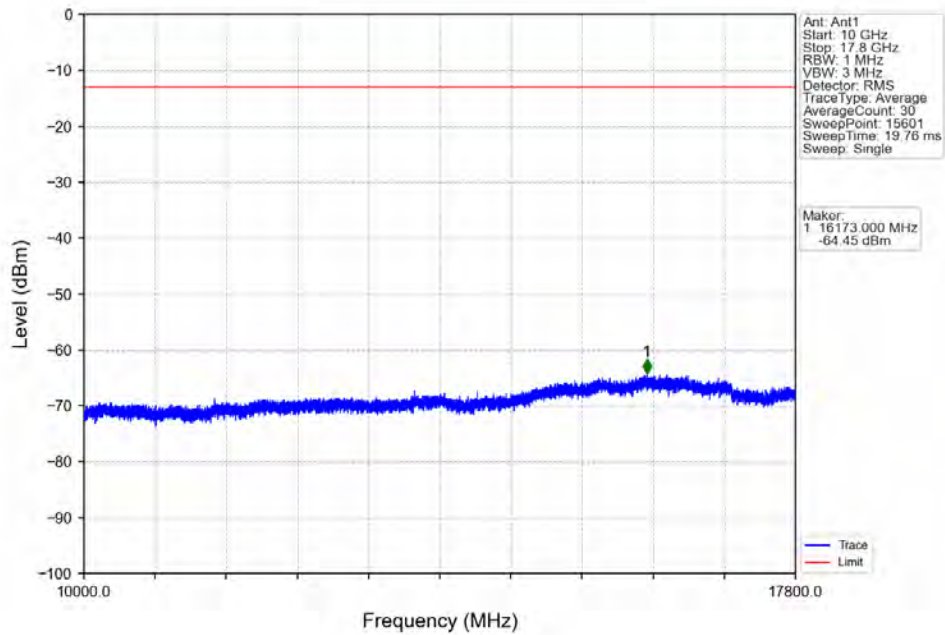
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



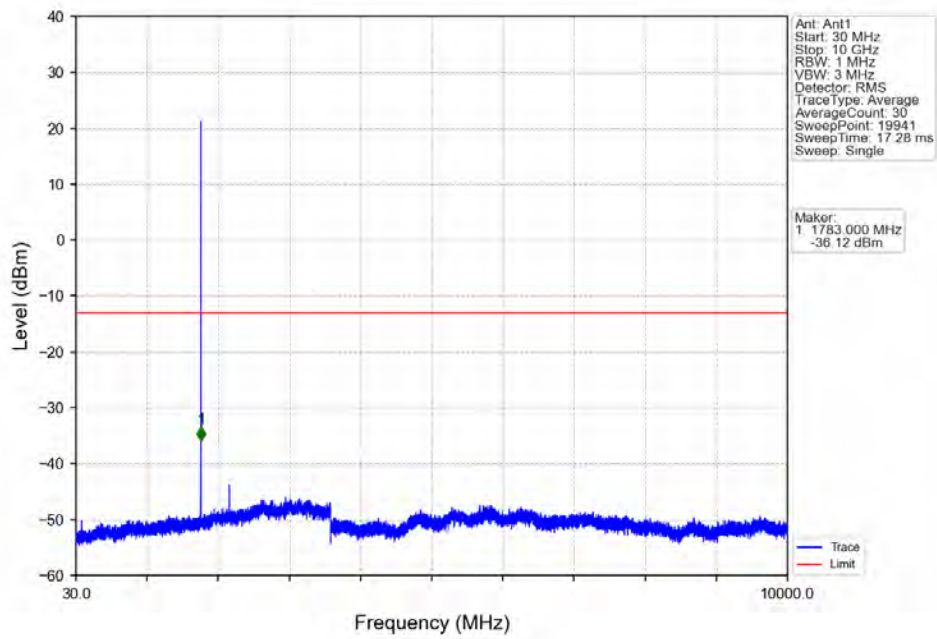
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



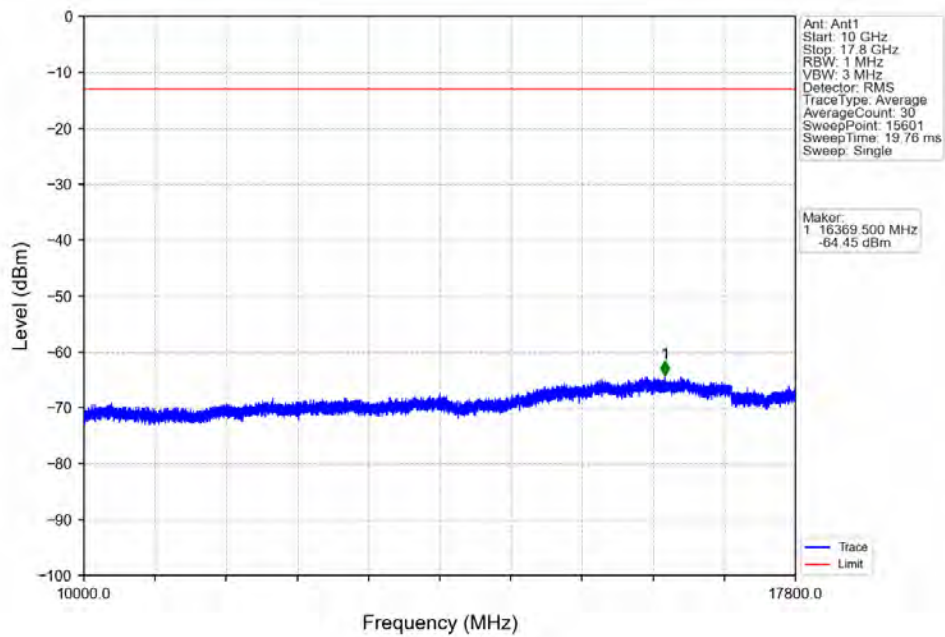
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



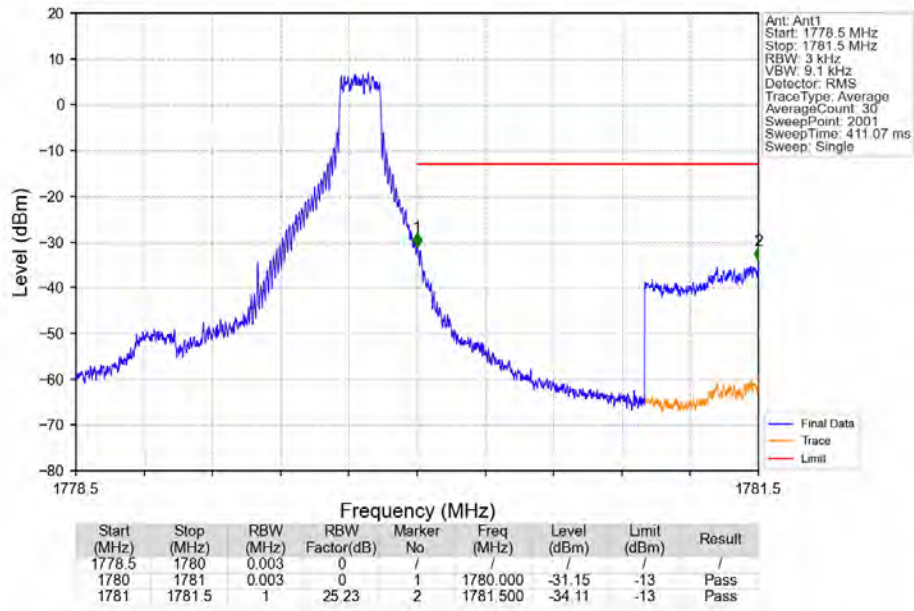
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



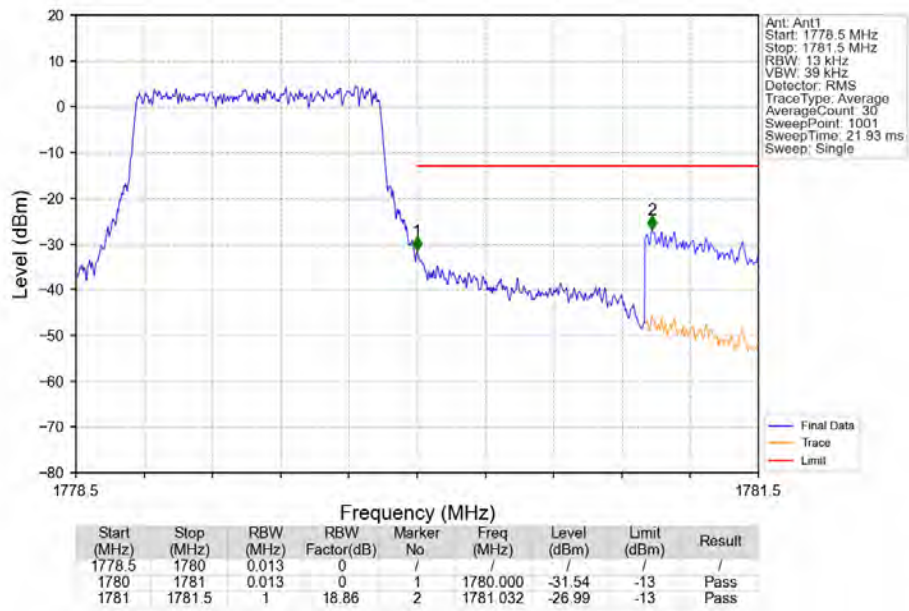
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



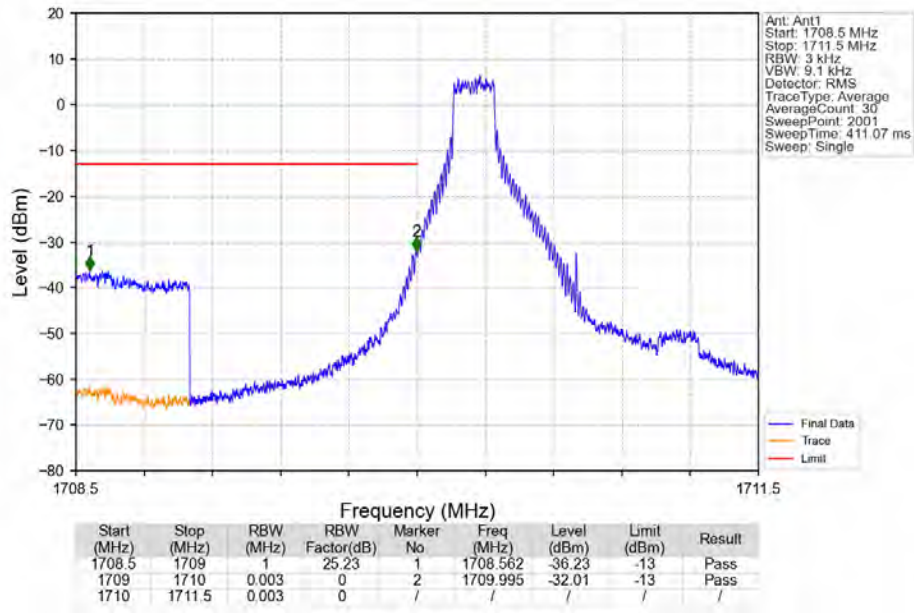
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



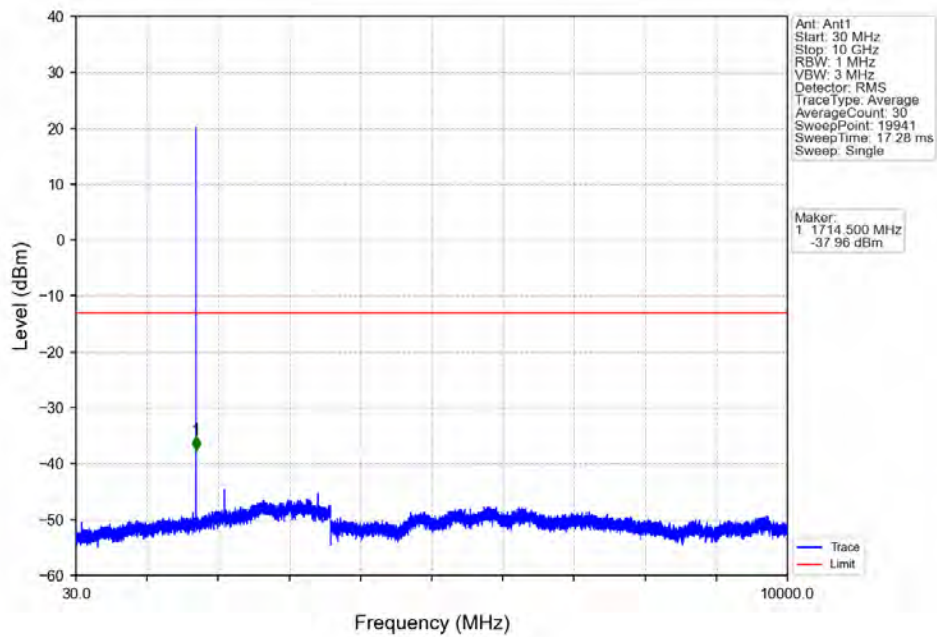
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



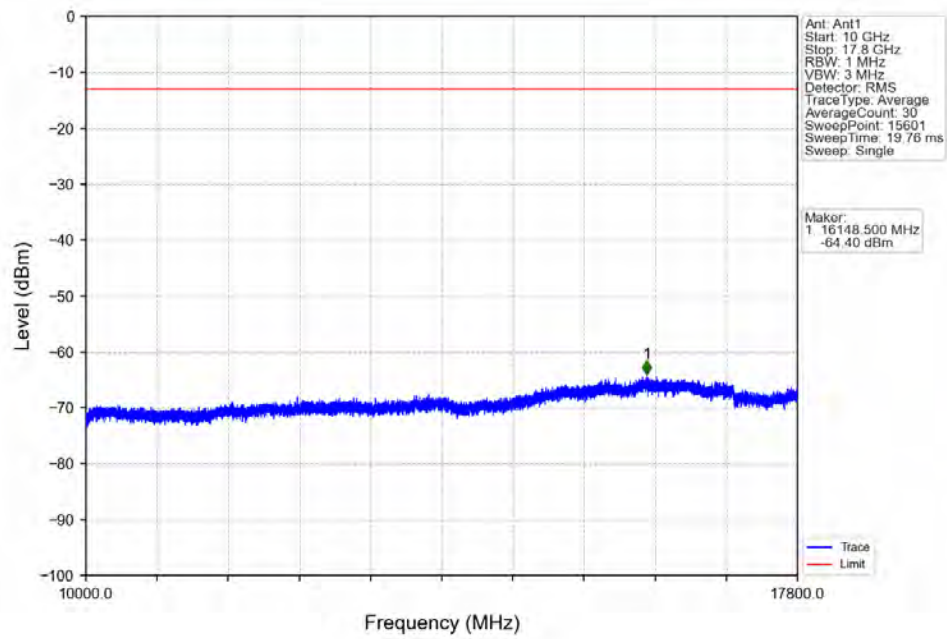
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



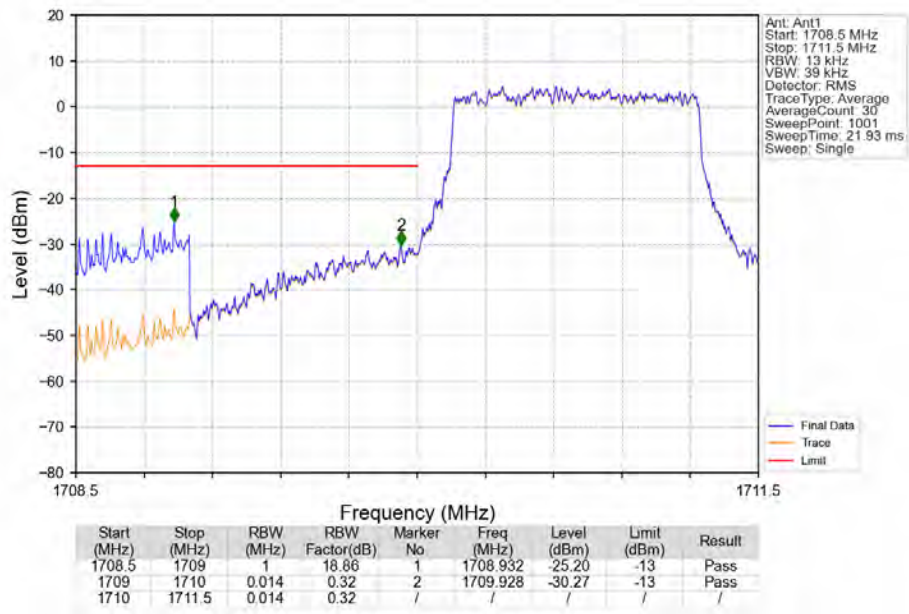
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



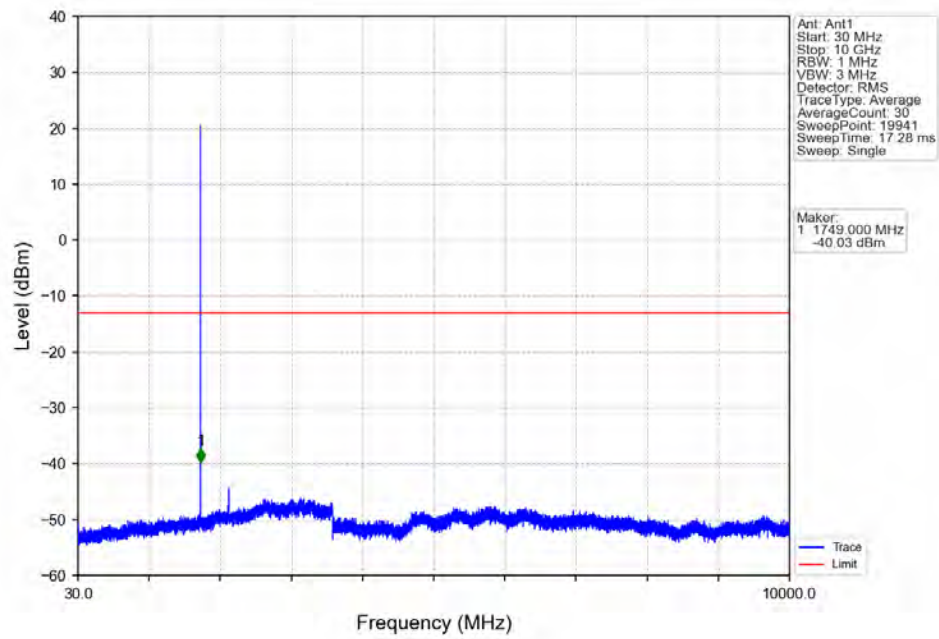
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



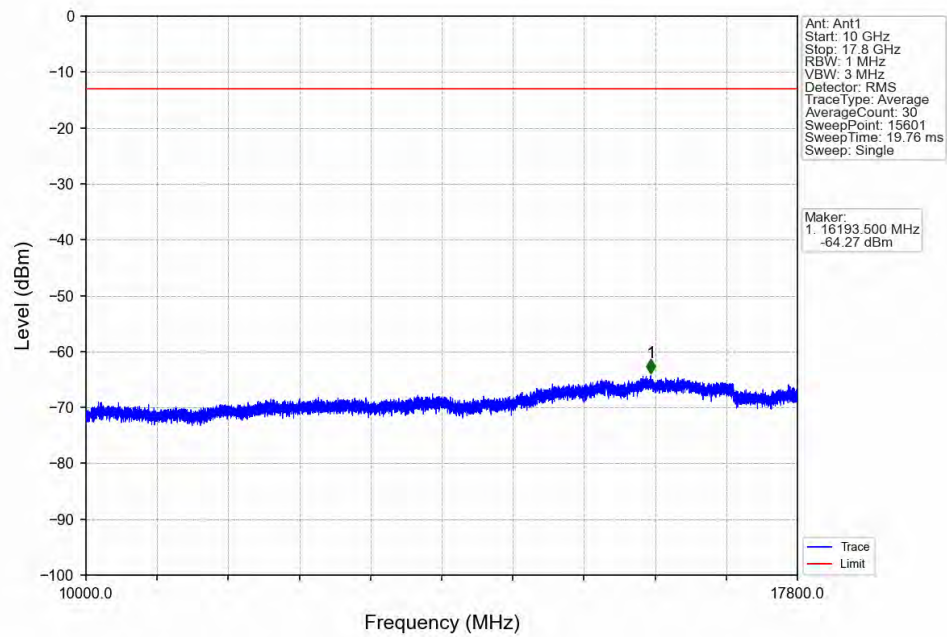
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



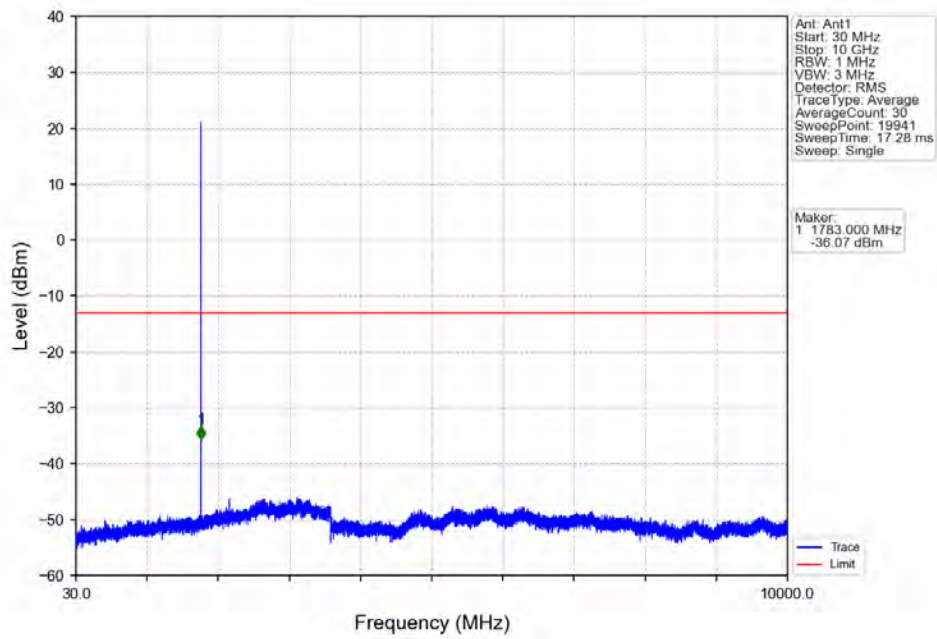
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



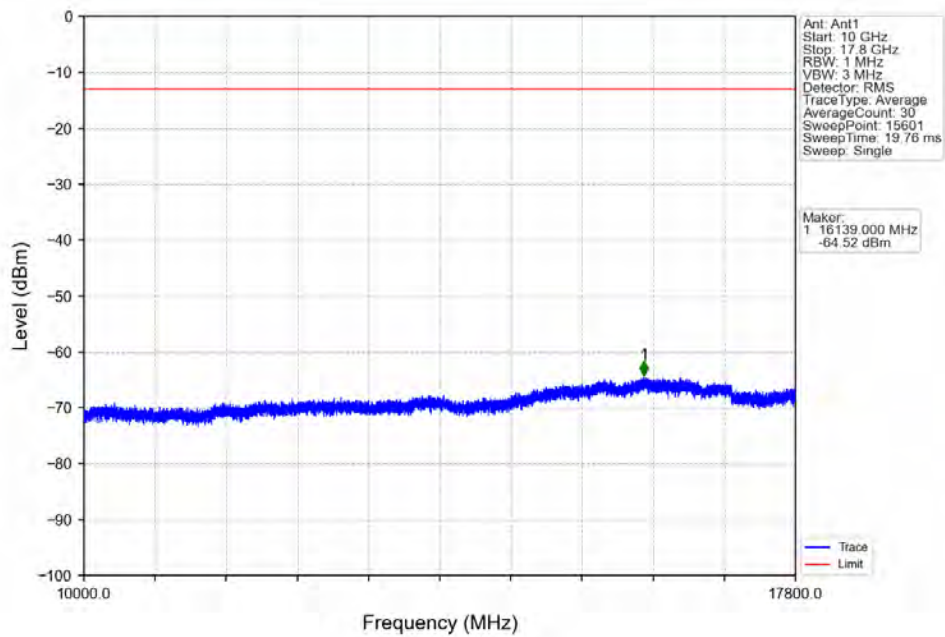
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



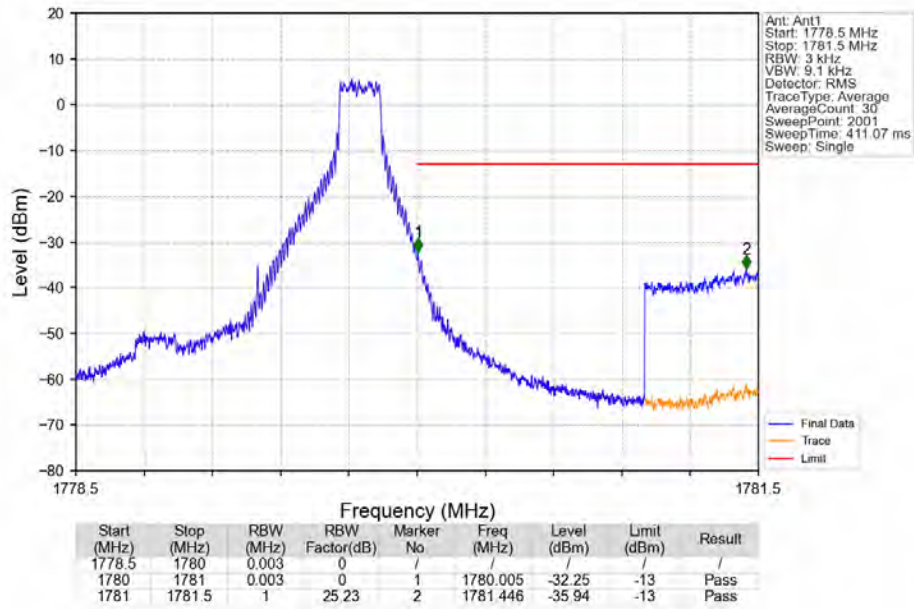
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



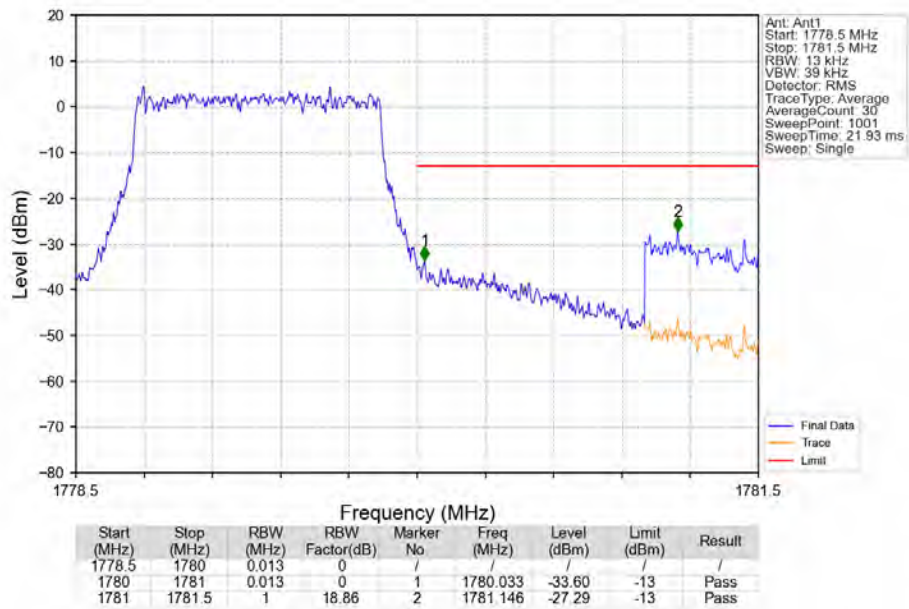
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_5_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

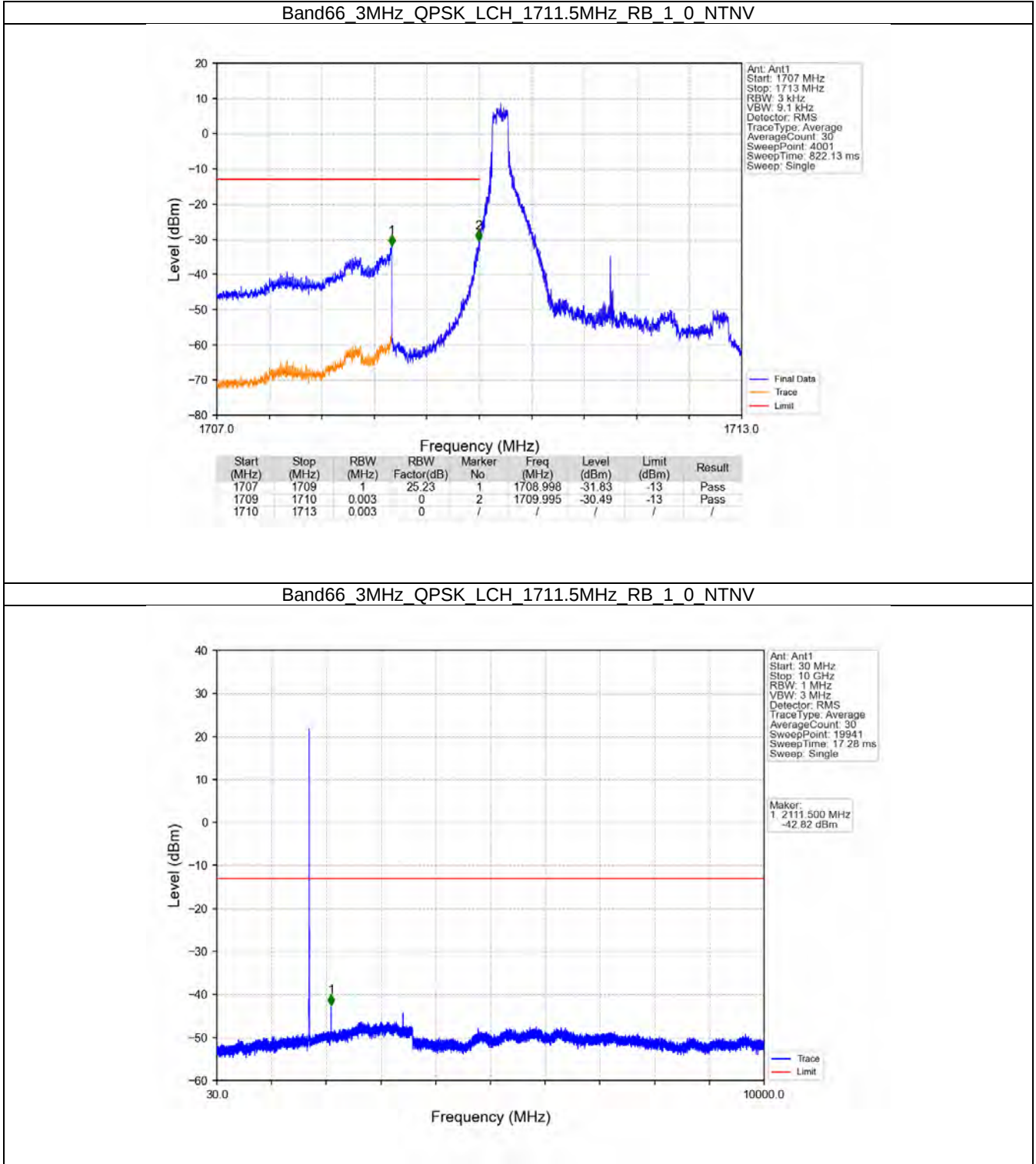


6.2 B66_3MHz

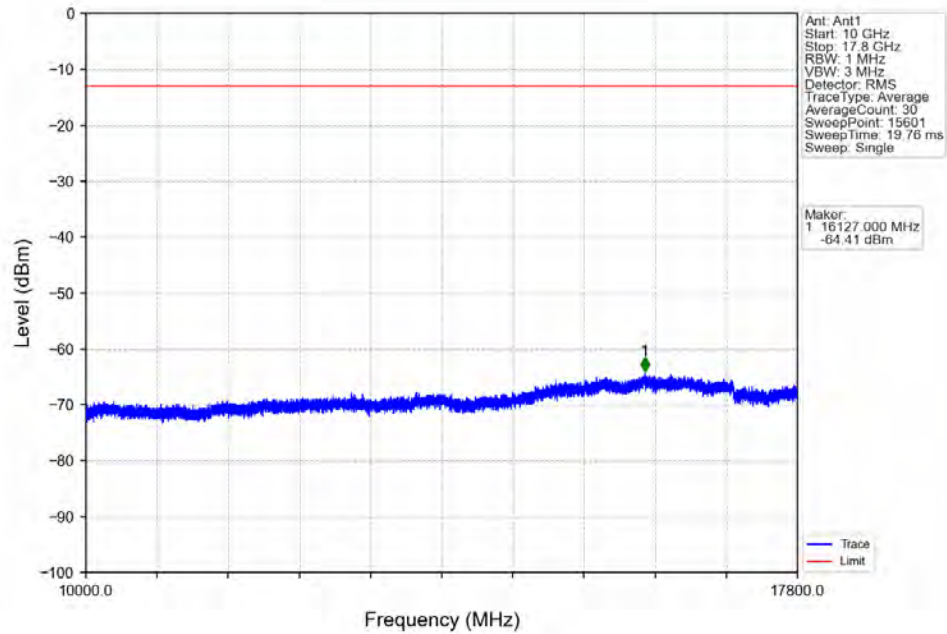
6.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTVN						
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
16QAM	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

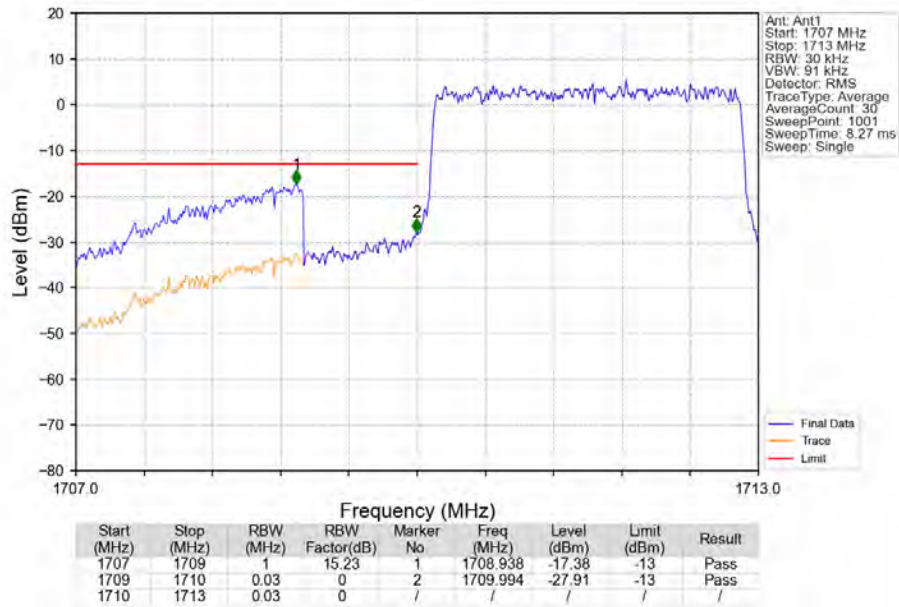
6.2.2 Test Graph



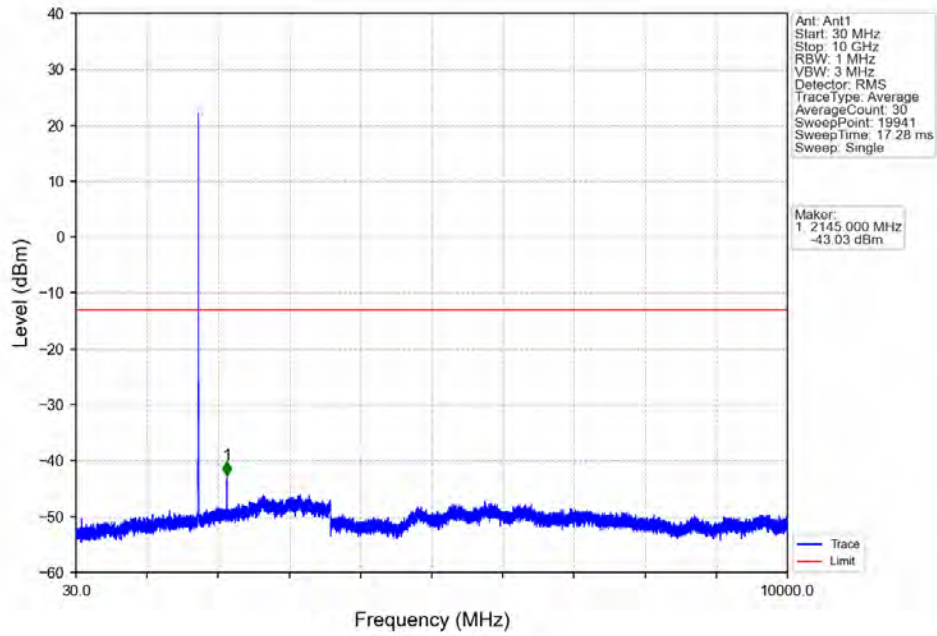
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



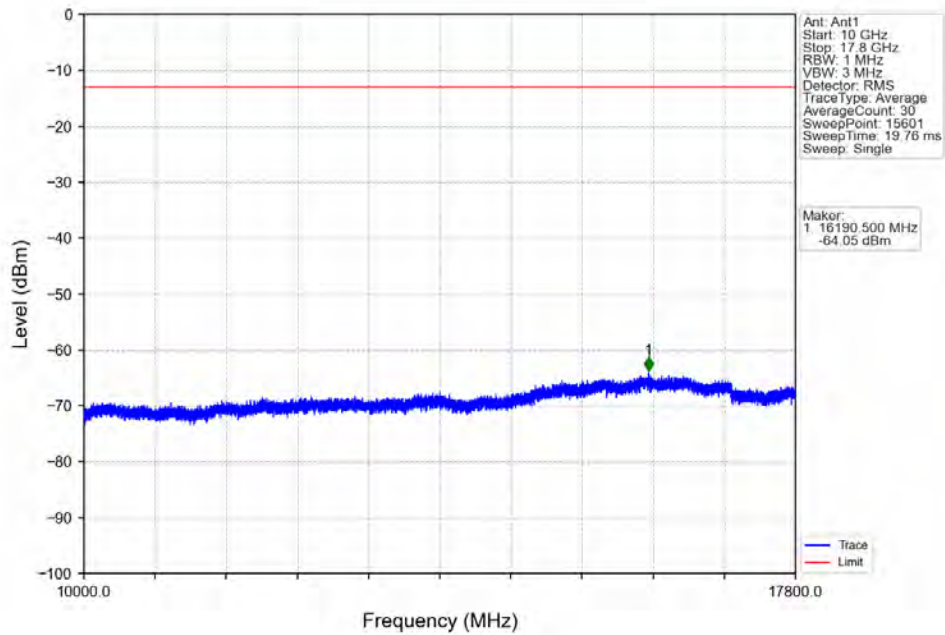
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



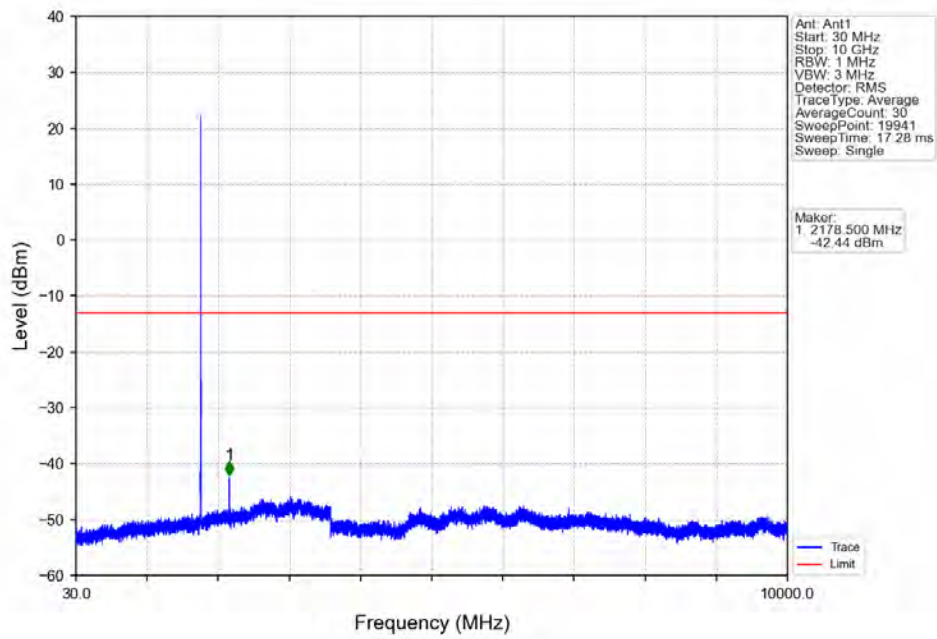
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



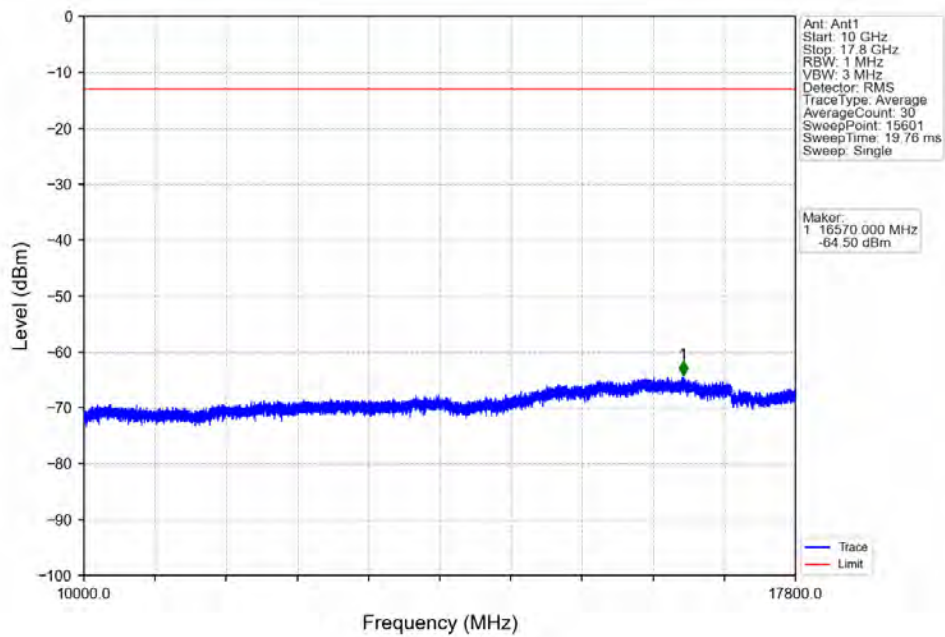
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



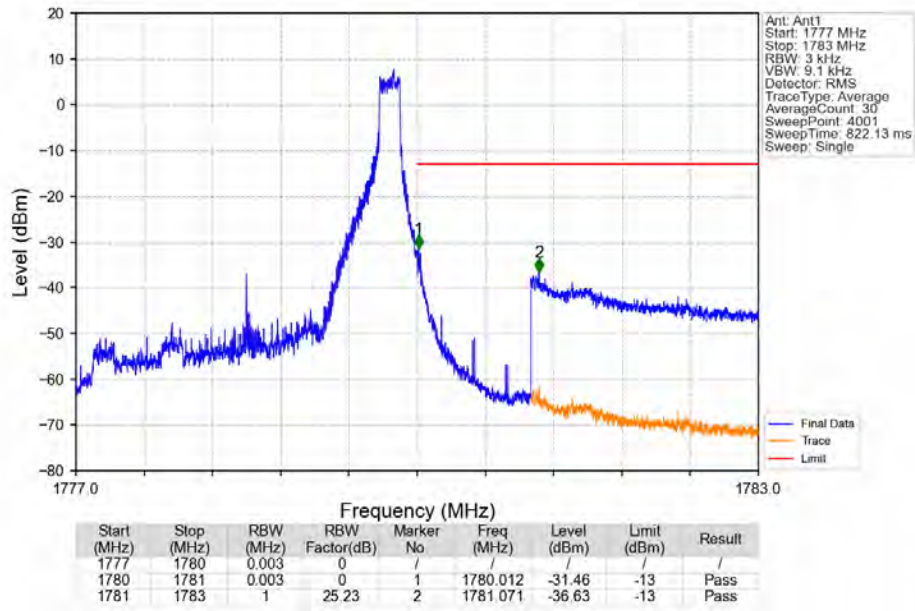
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



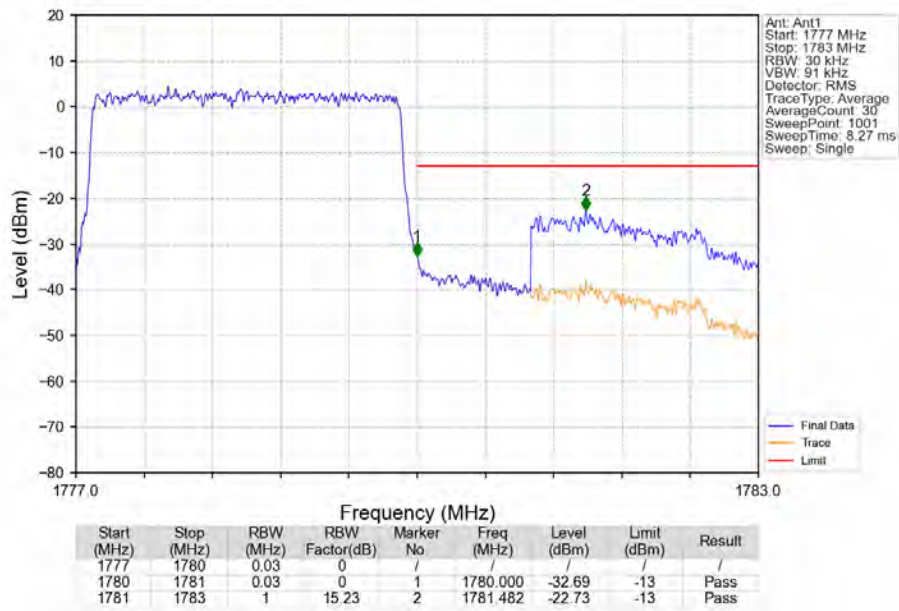
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



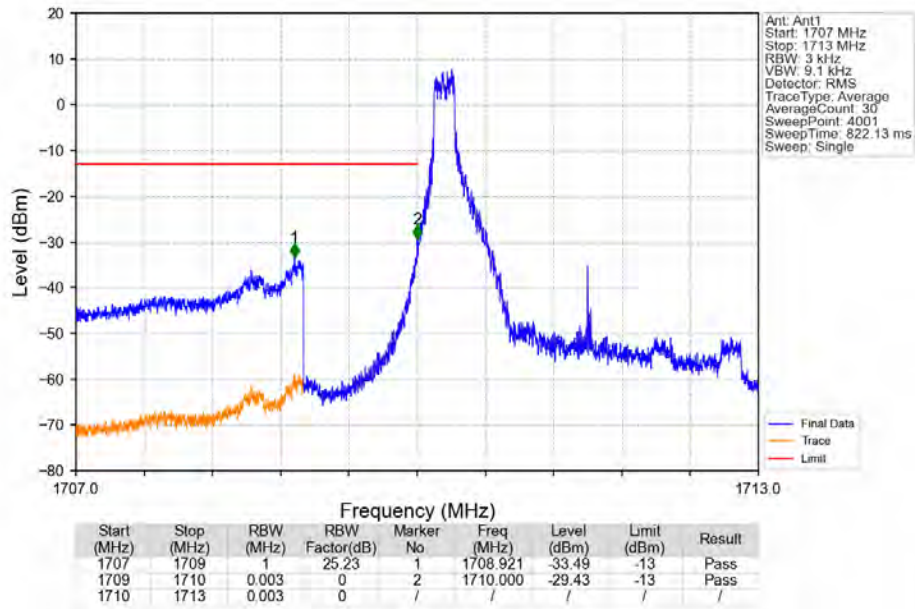
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



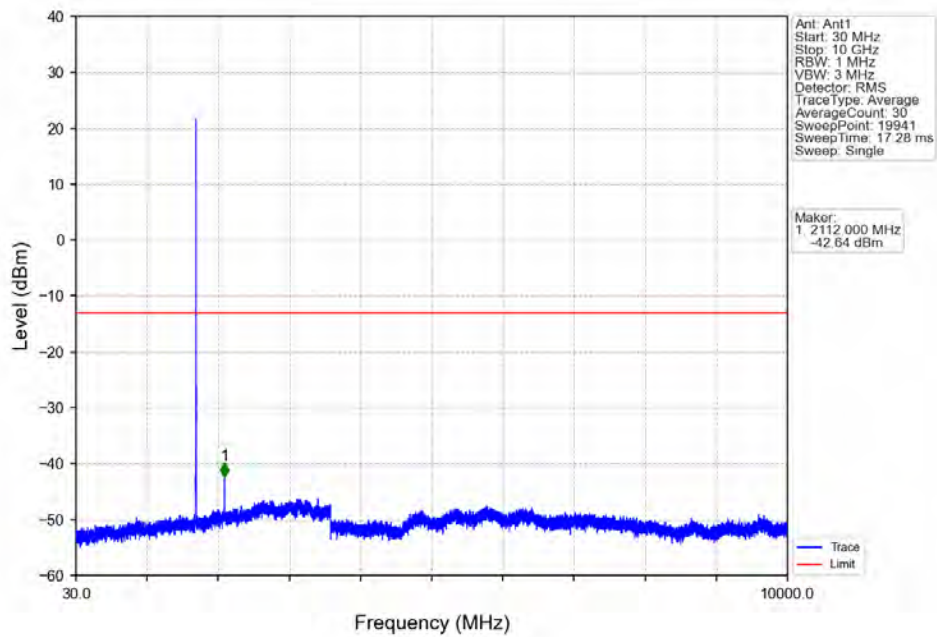
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



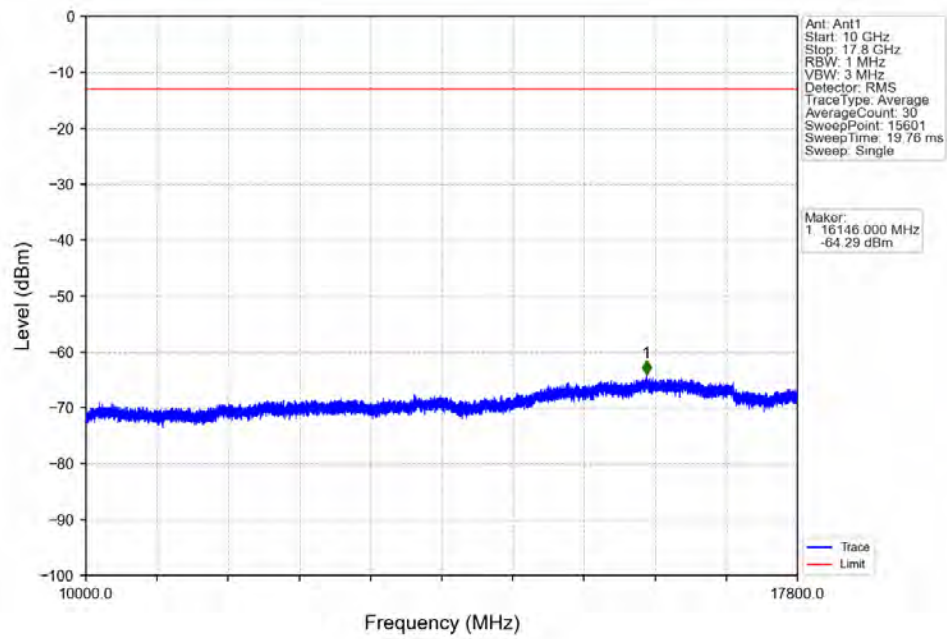
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



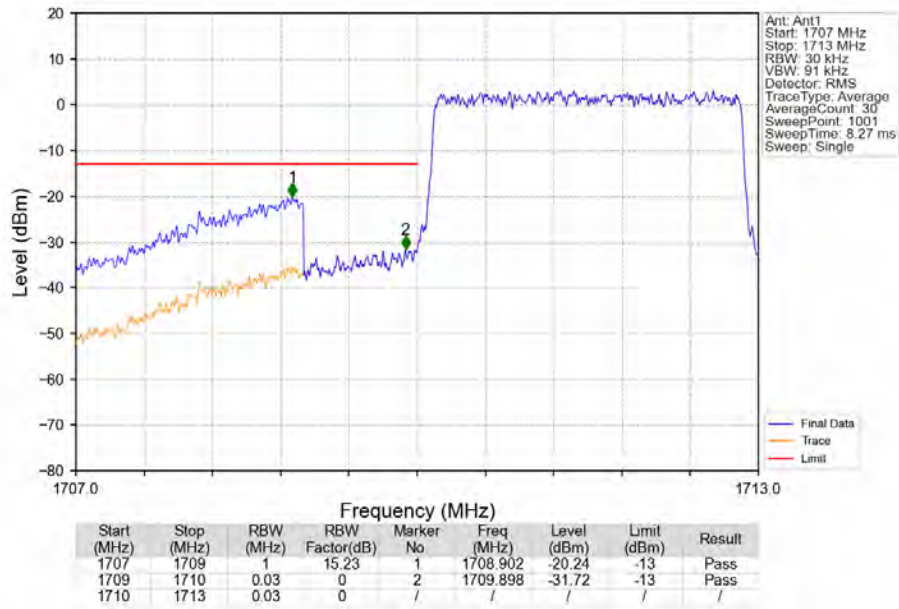
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



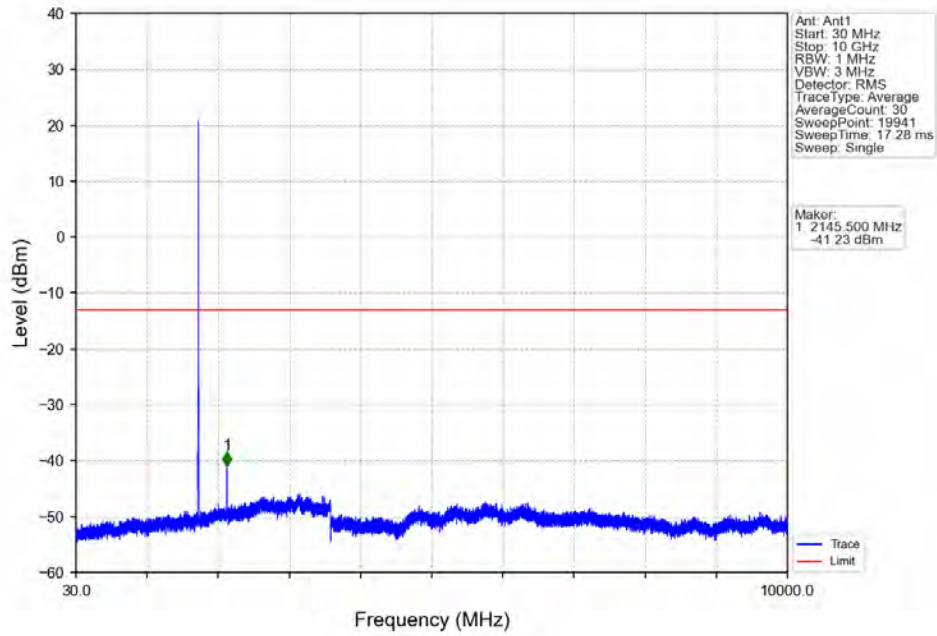
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



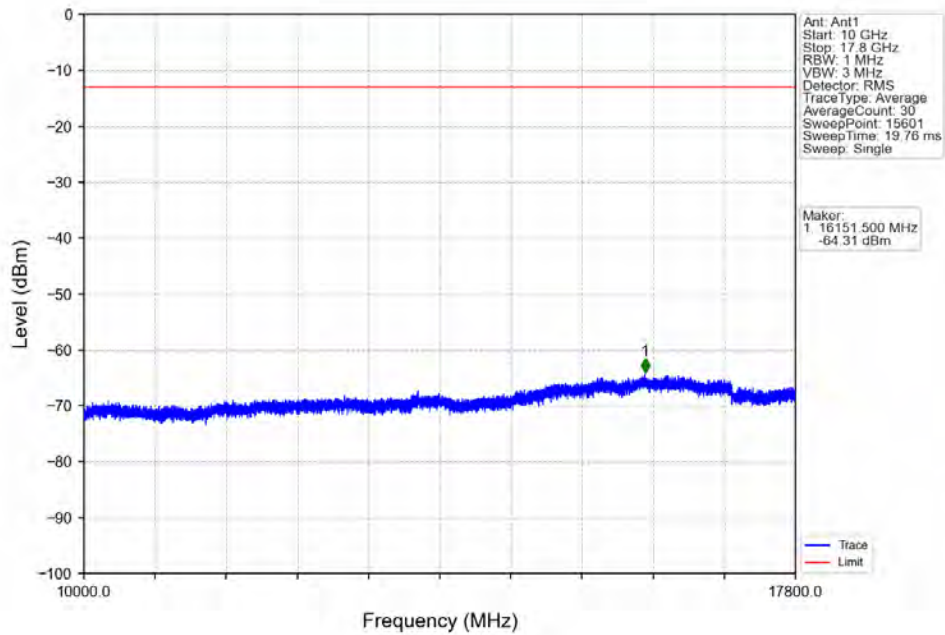
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



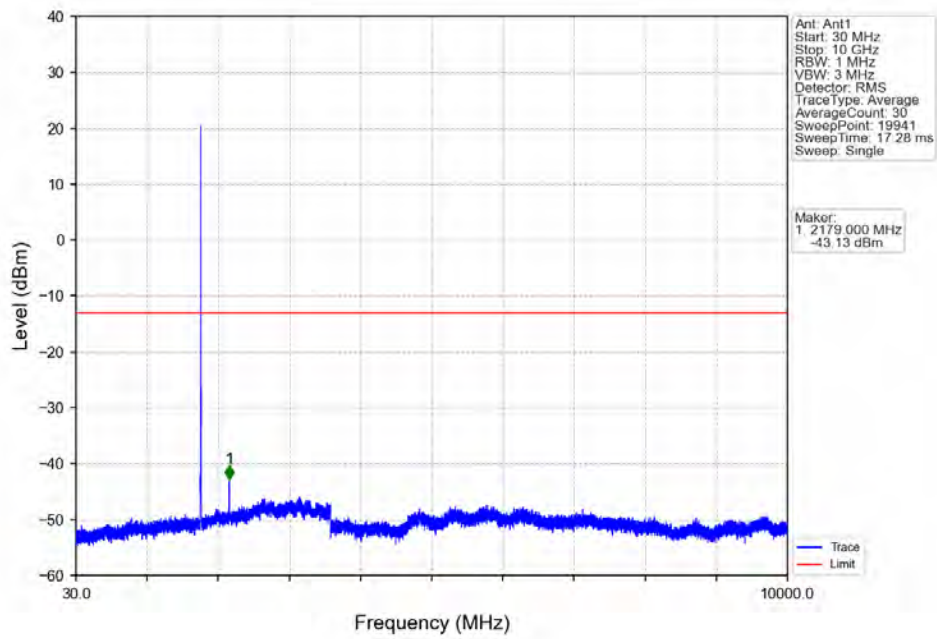
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



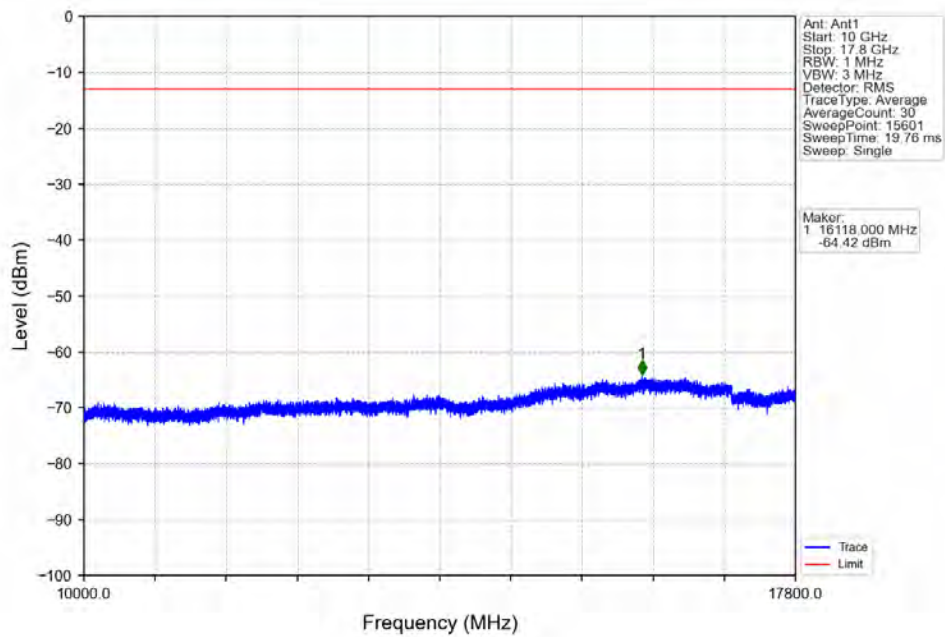
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



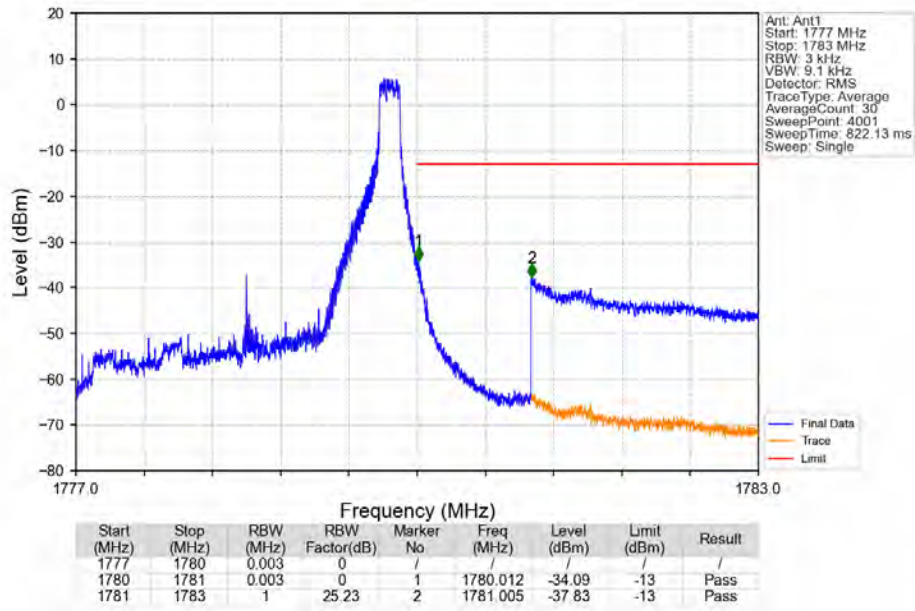
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



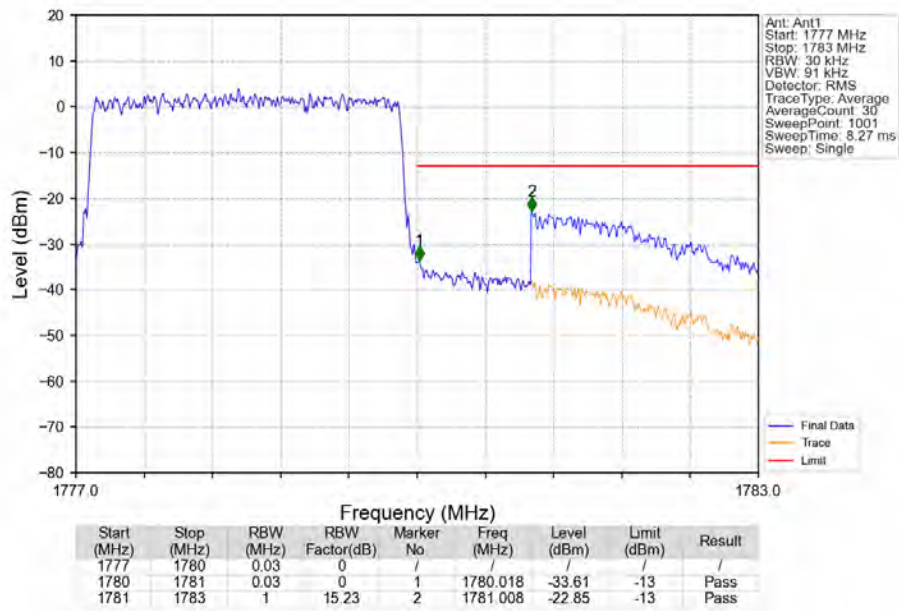
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_14_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

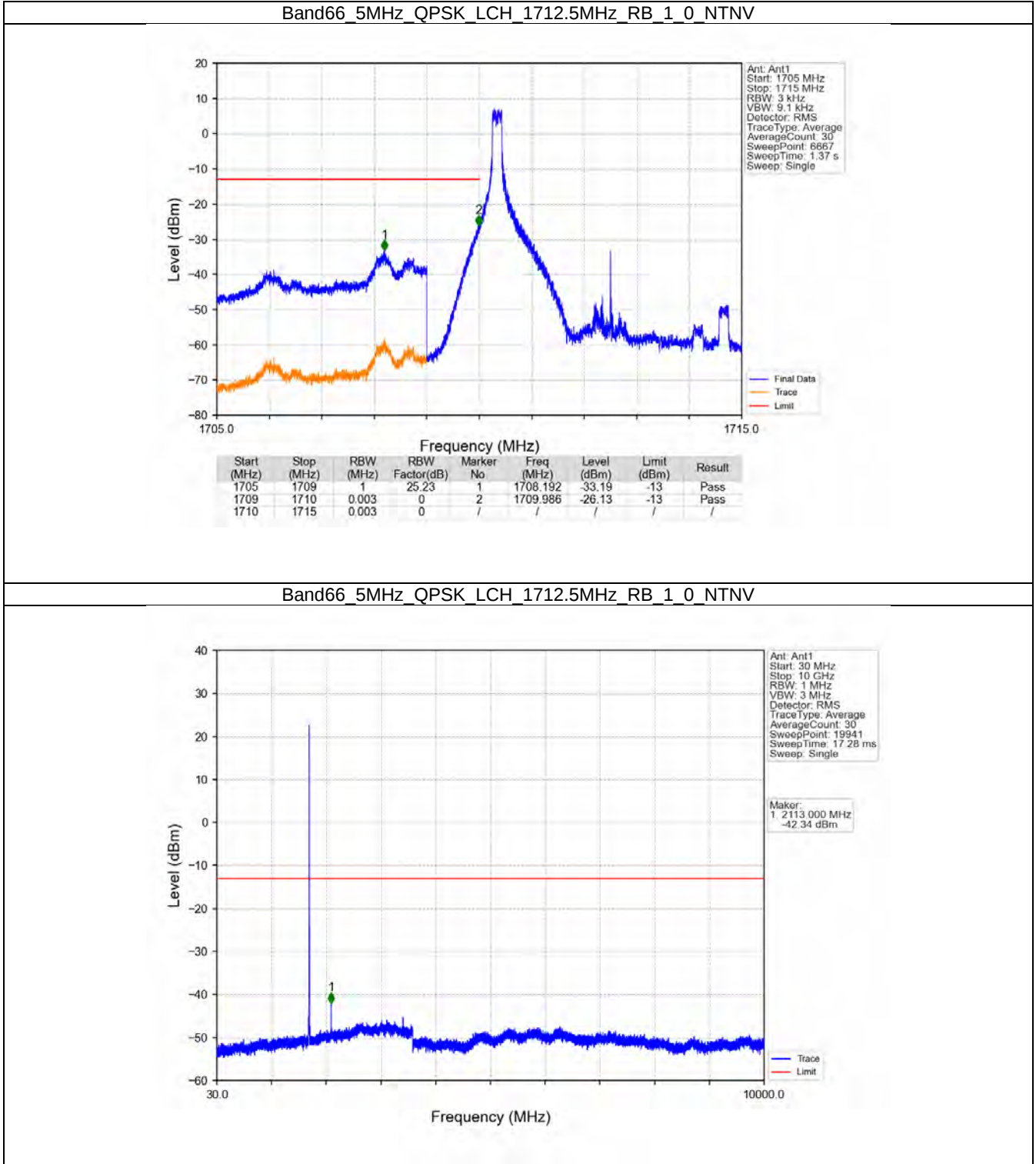


6.3 B66_5MHz

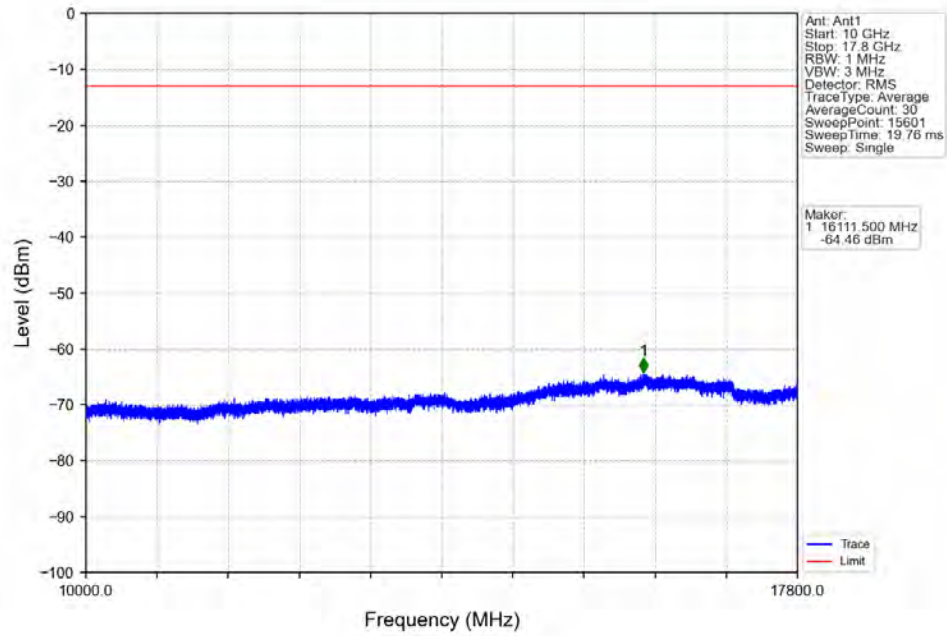
6.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
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
16QAM	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

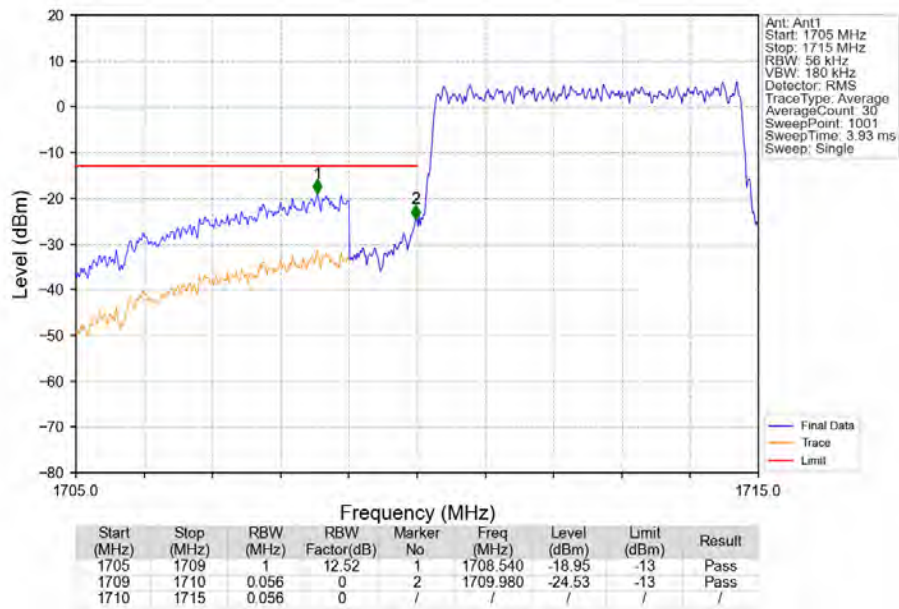
6.3.2 Test Graph



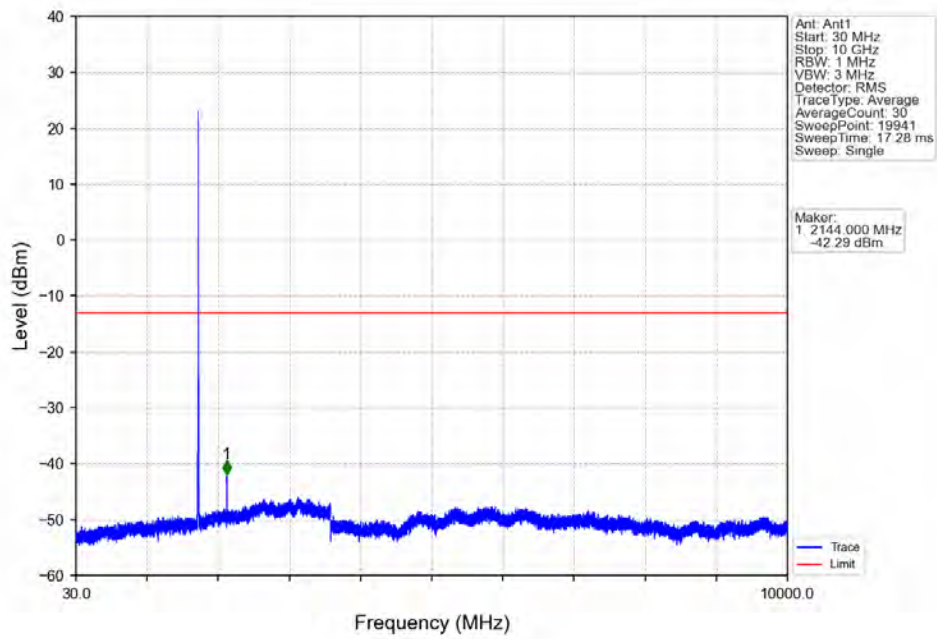
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



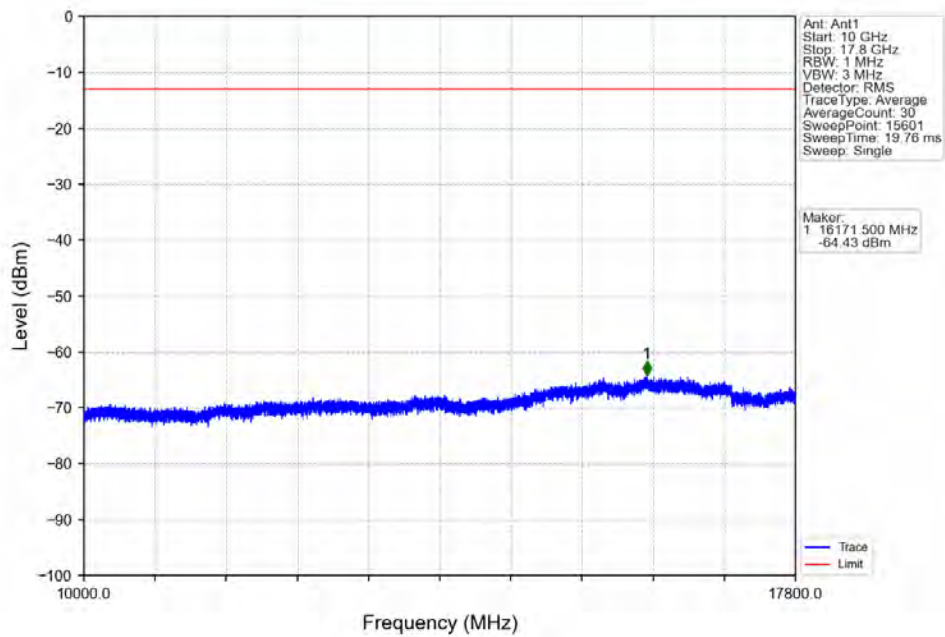
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



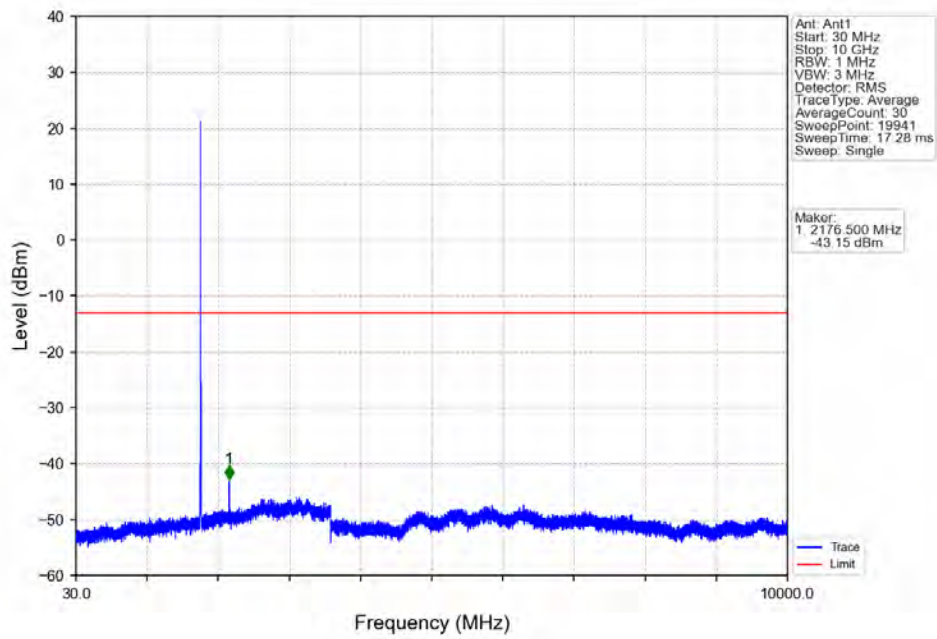
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



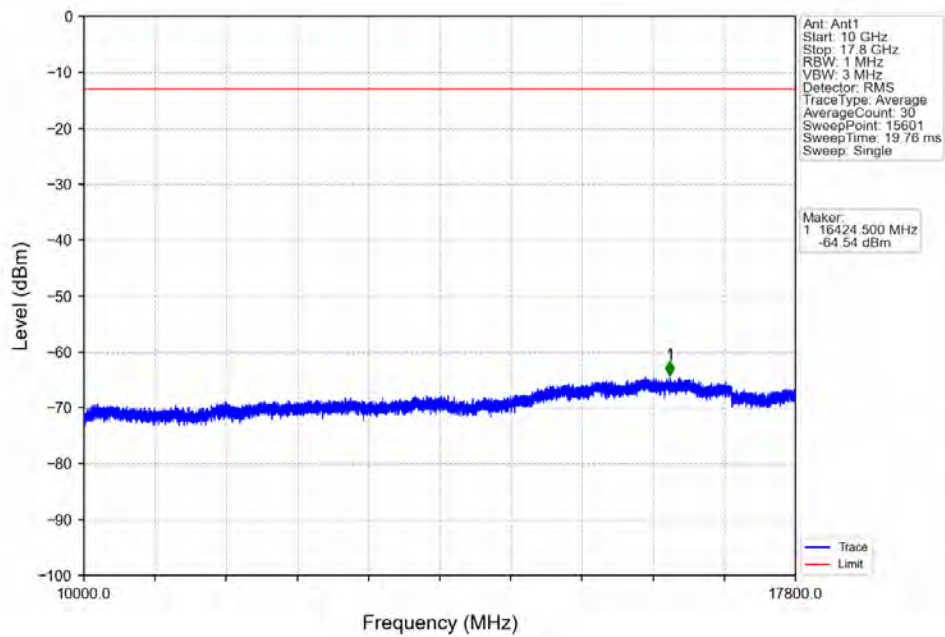
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



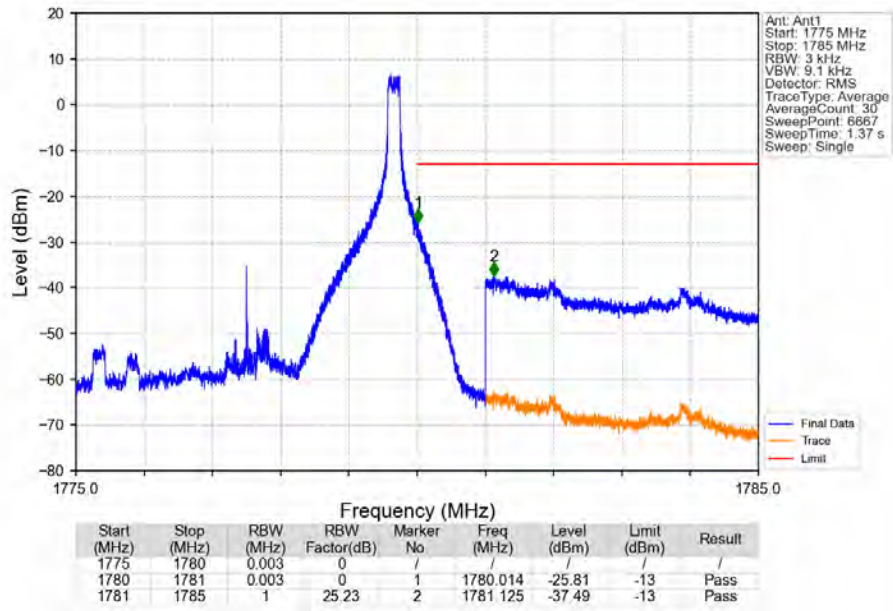
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



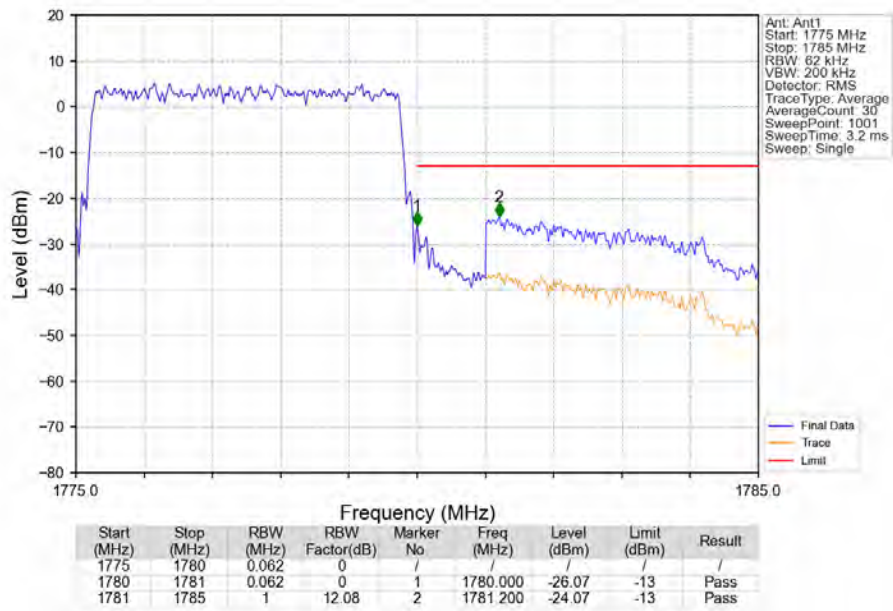
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



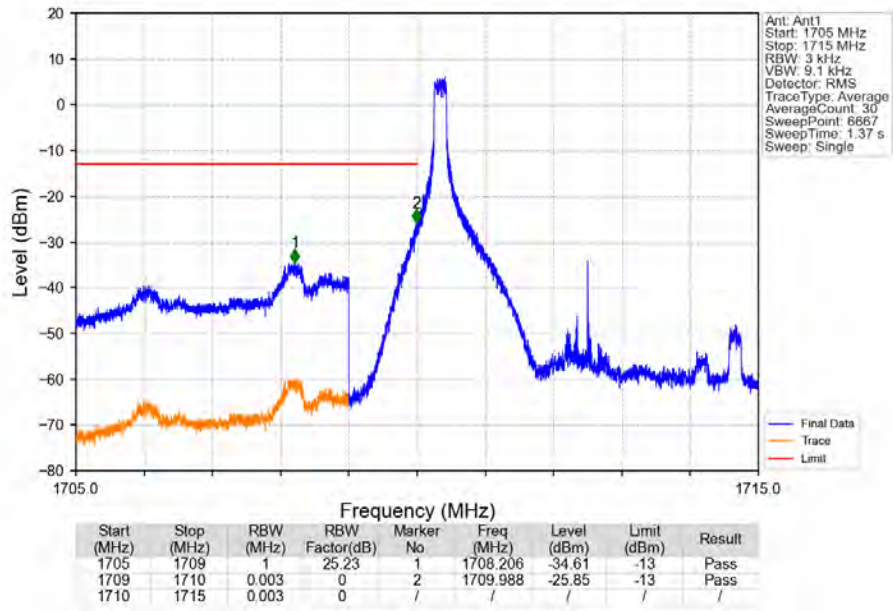
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



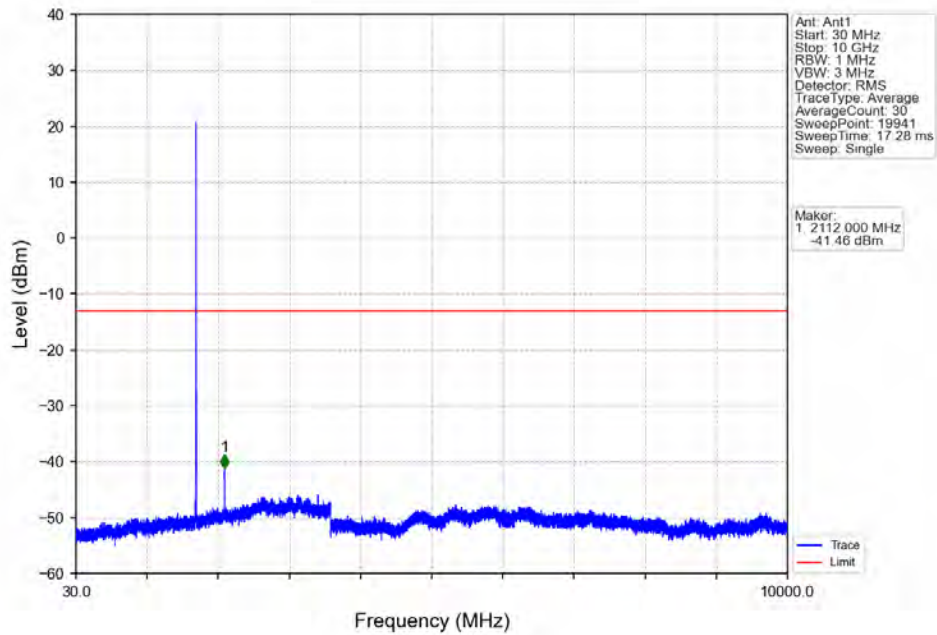
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



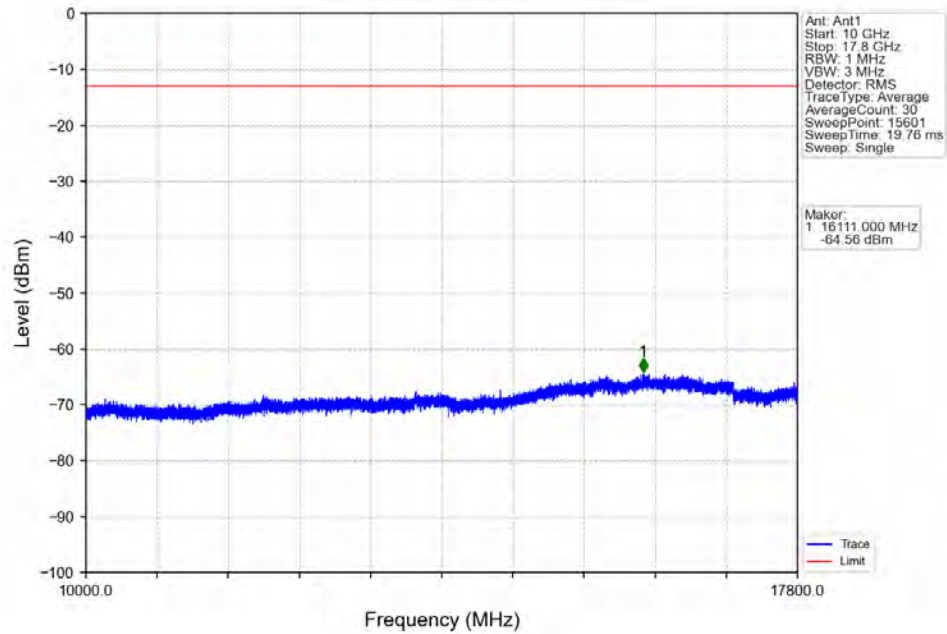
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



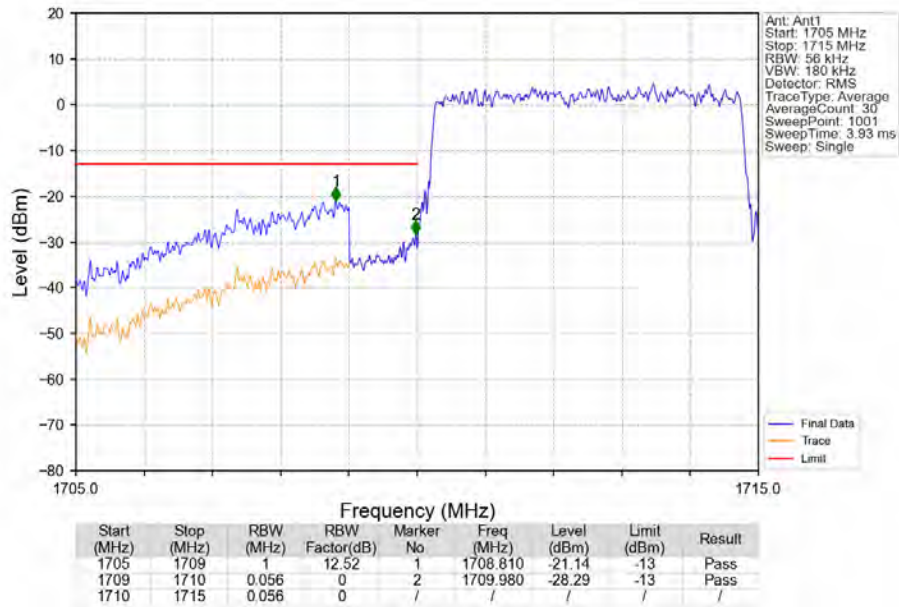
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



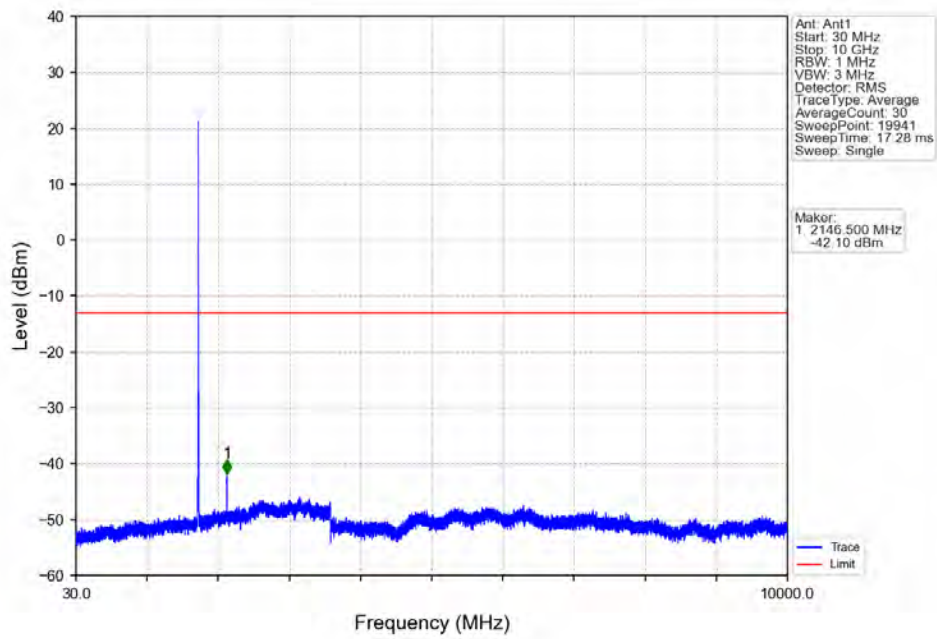
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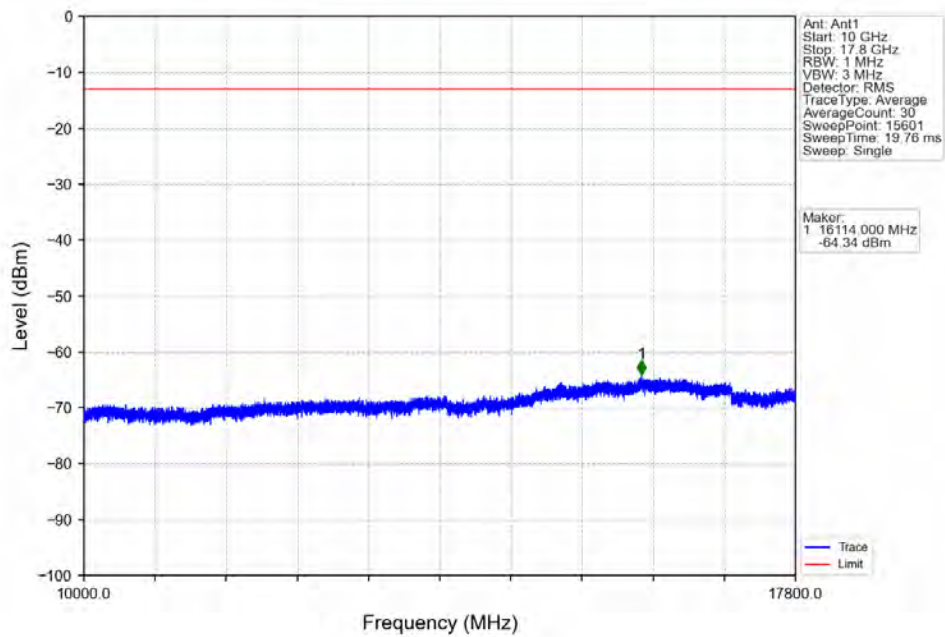
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



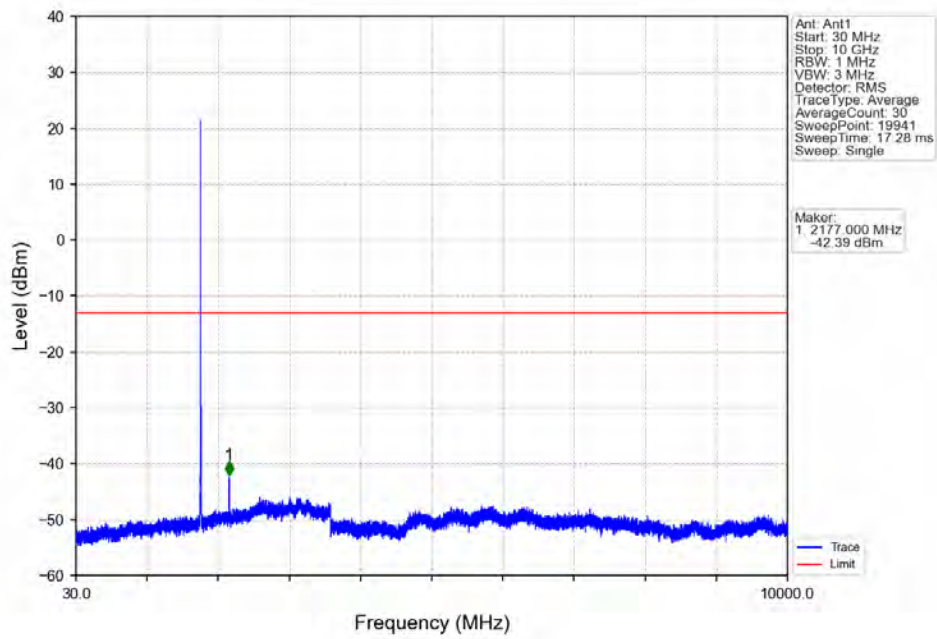
Band66_5MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



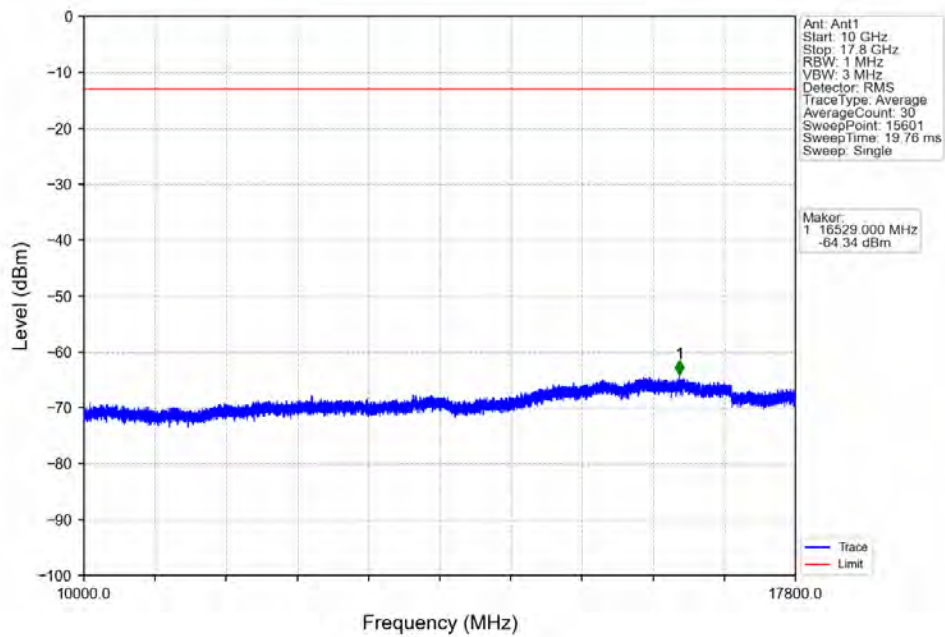
Band66_5MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



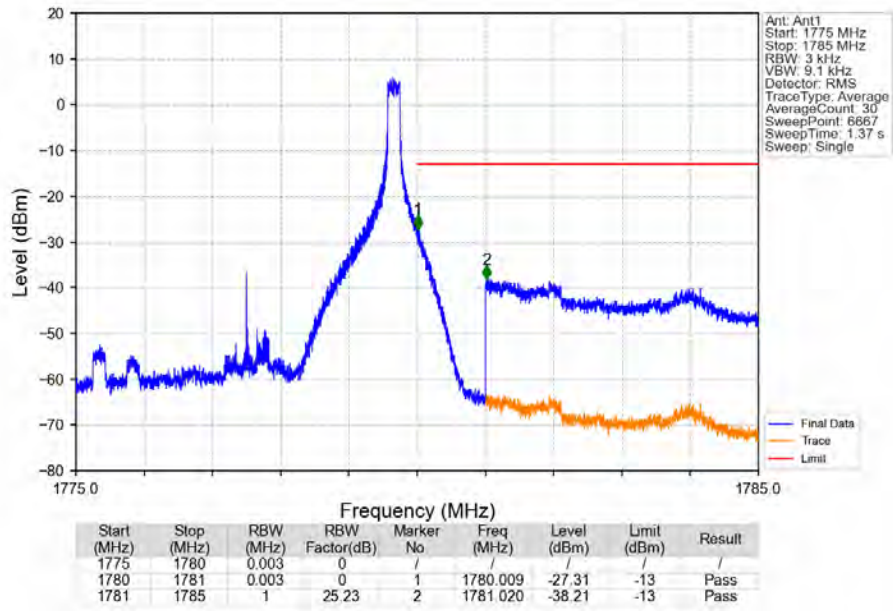
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_0_NTNV



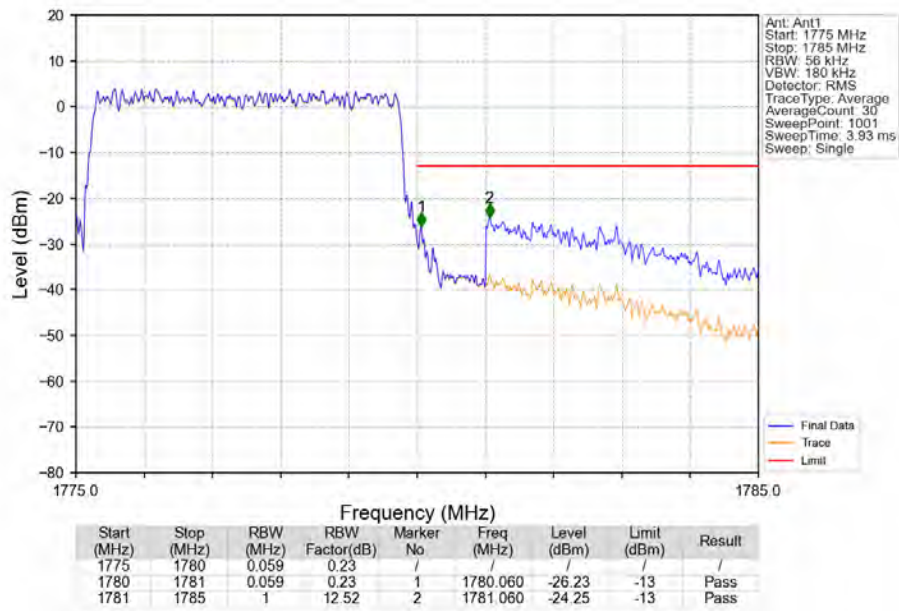
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_24_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

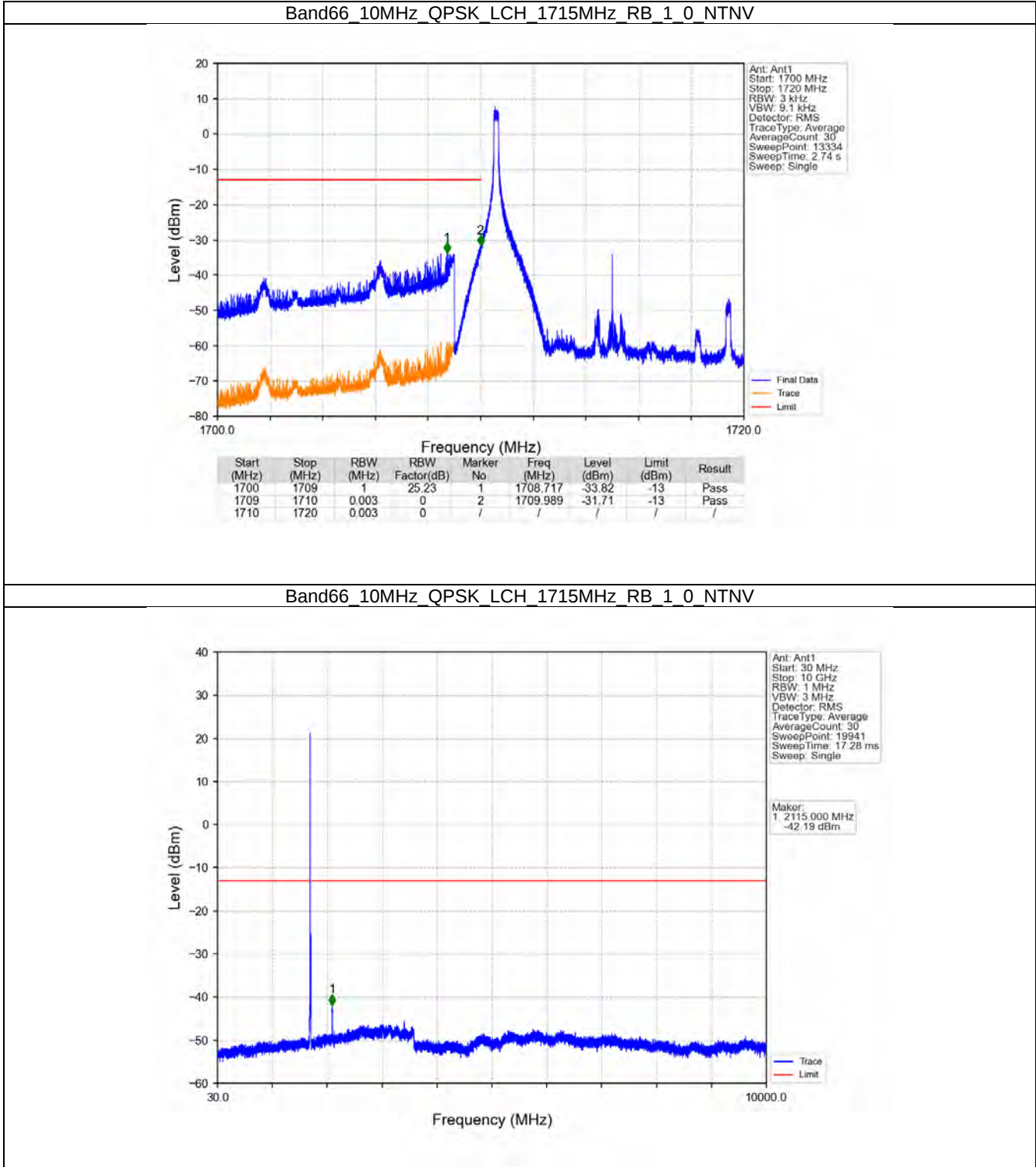


6.4 B66_10MHz

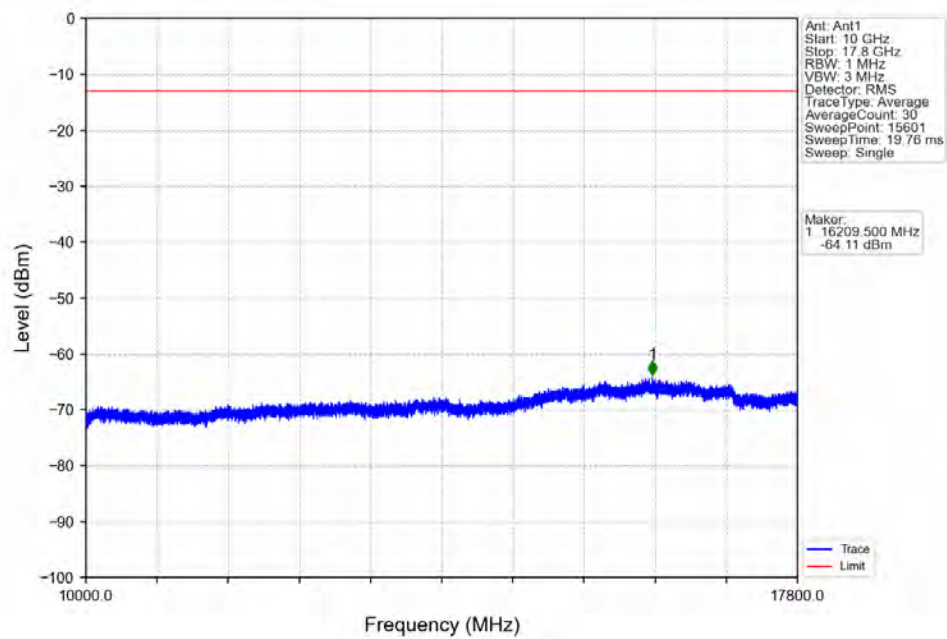
6.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTVN						
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
16QAM	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

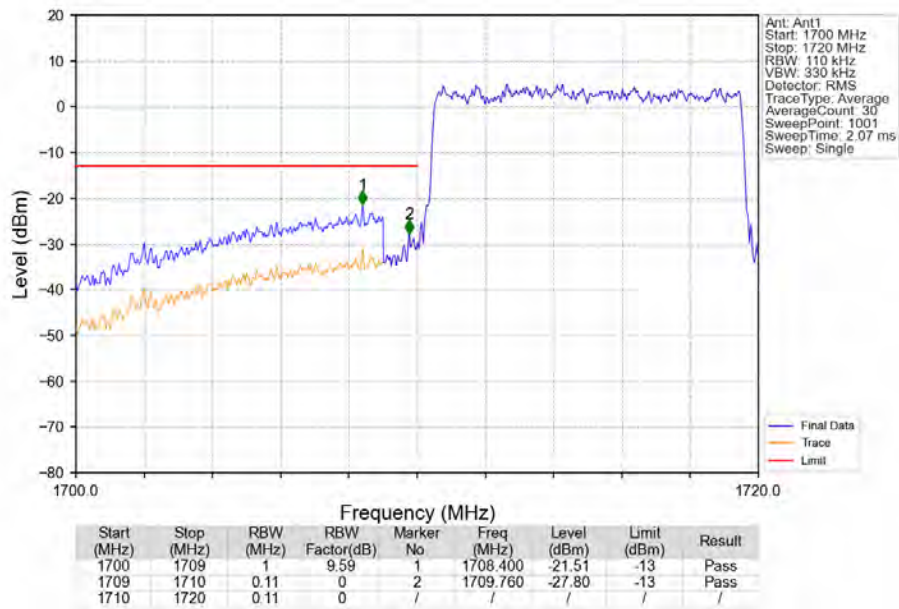
6.4.2 Test Graph



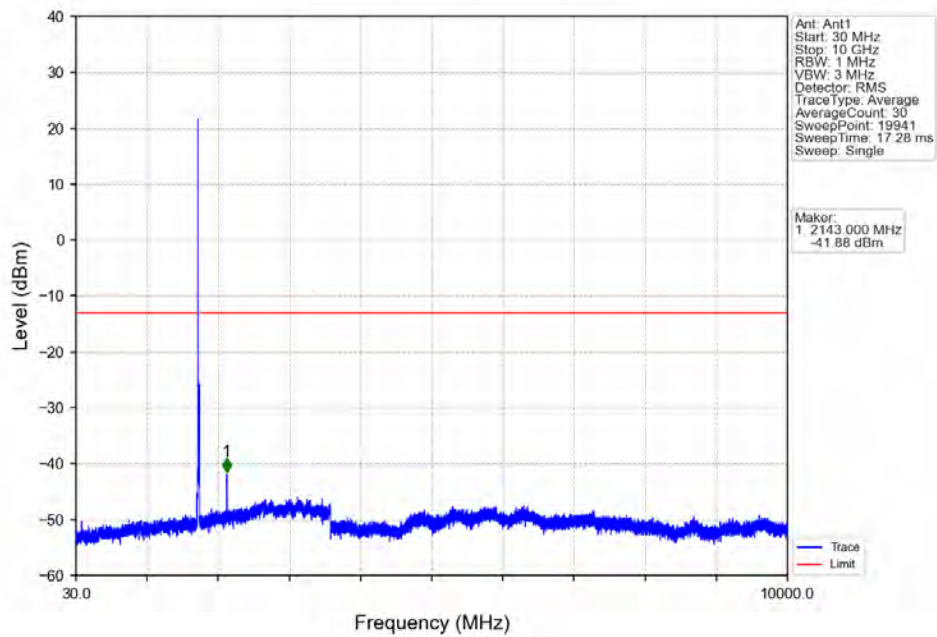
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



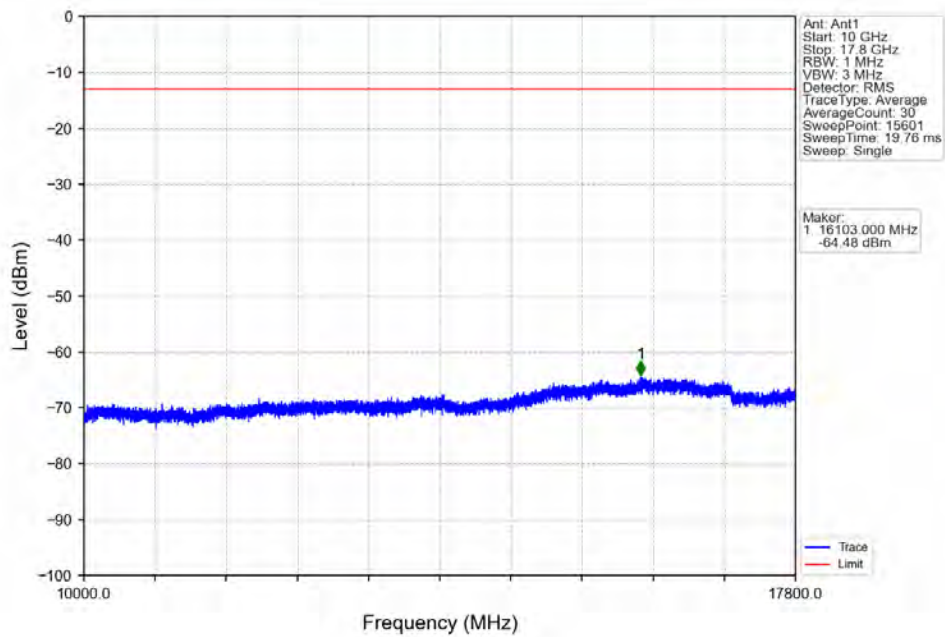
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



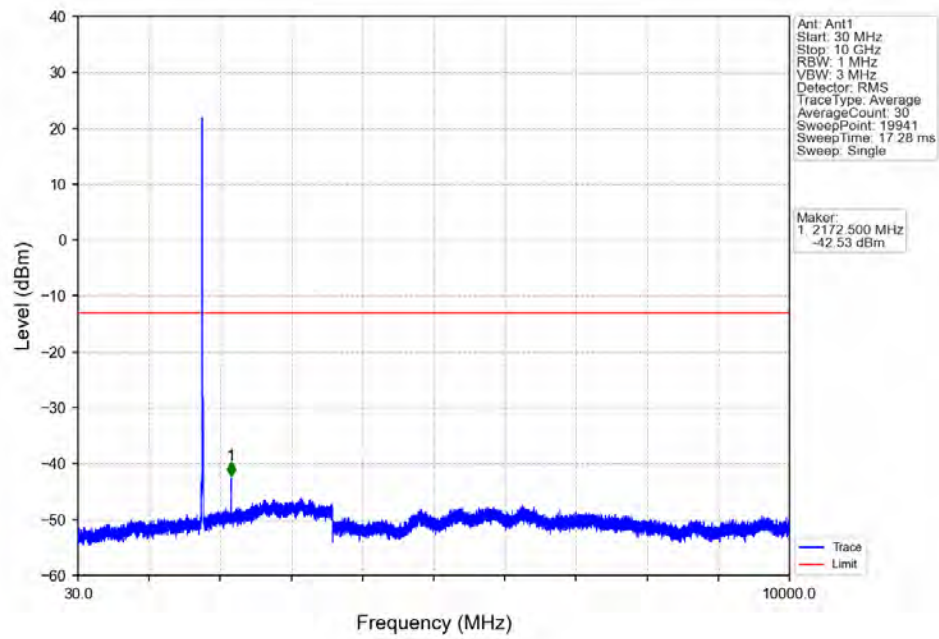
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



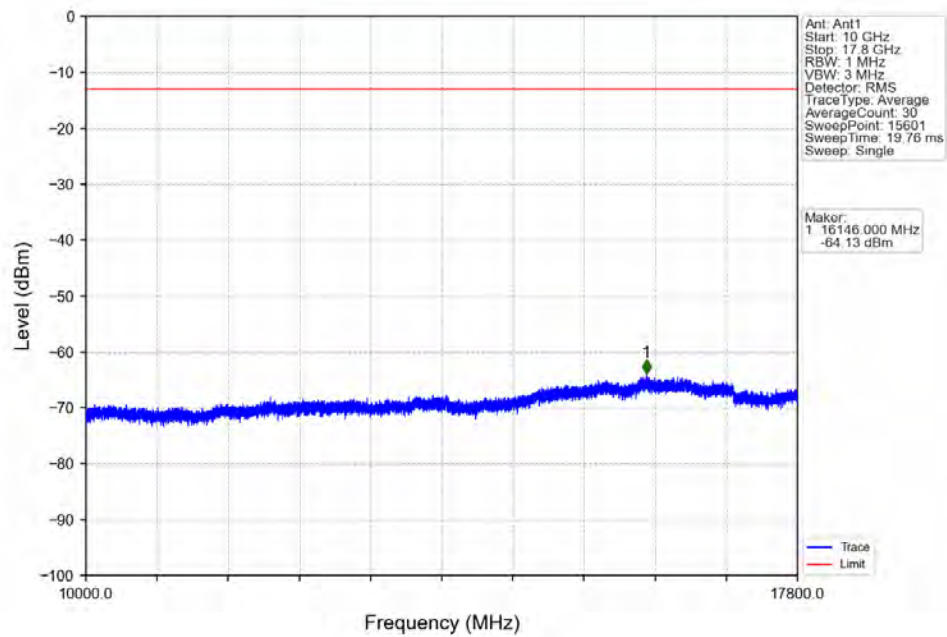
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



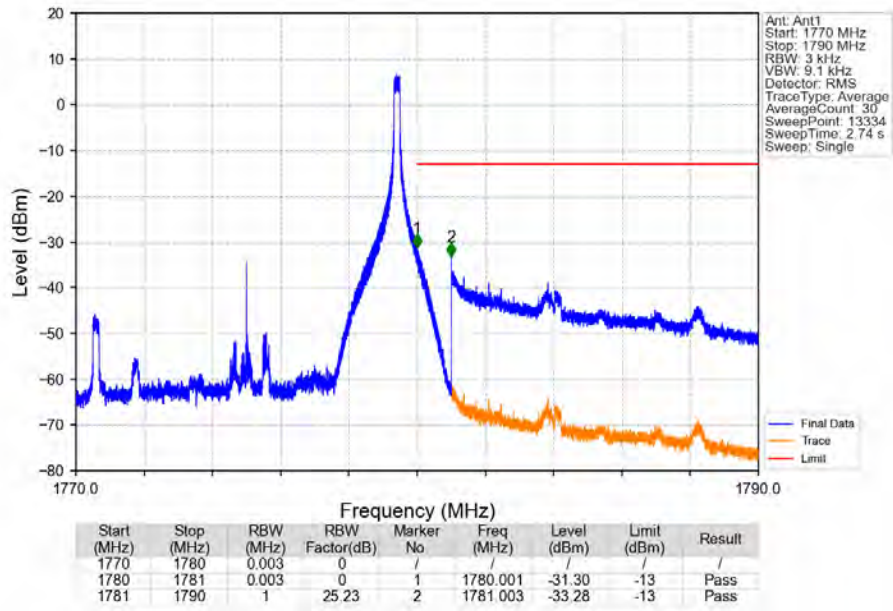
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0 NTN



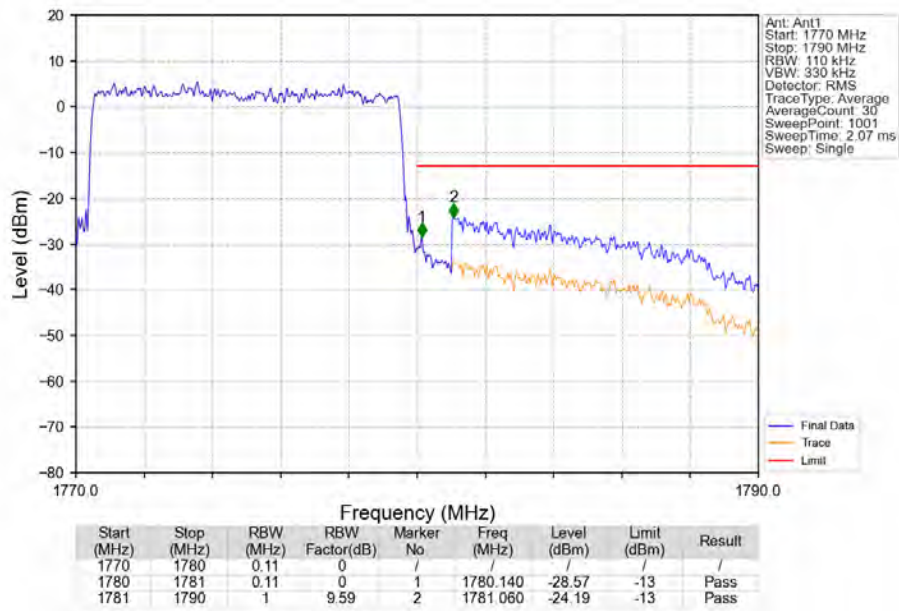
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0 NTN



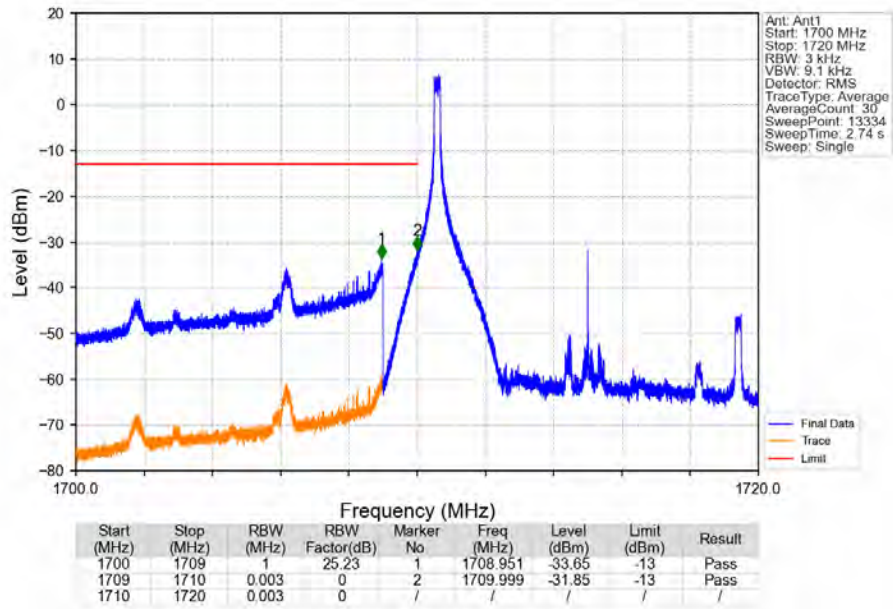
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



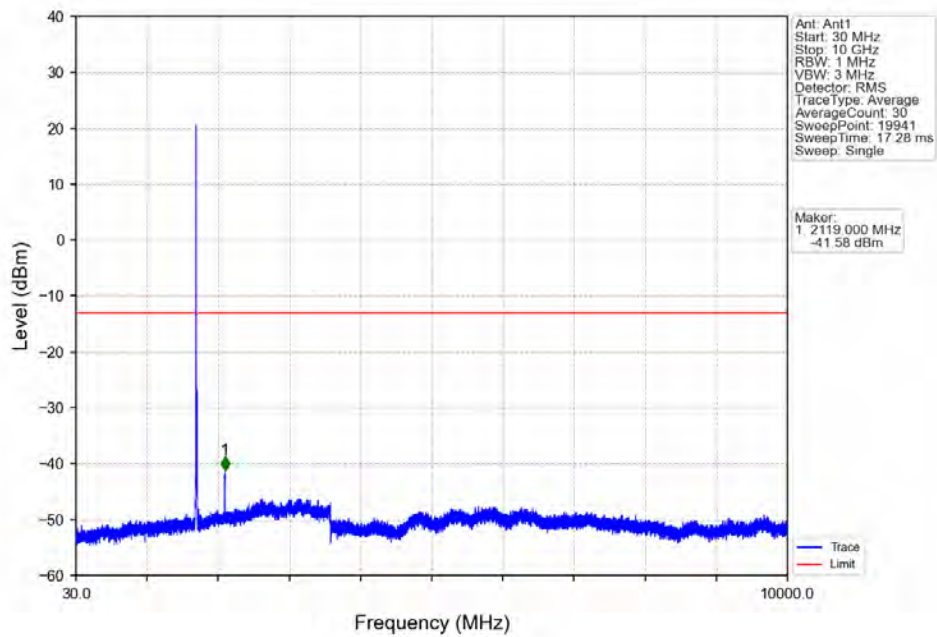
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



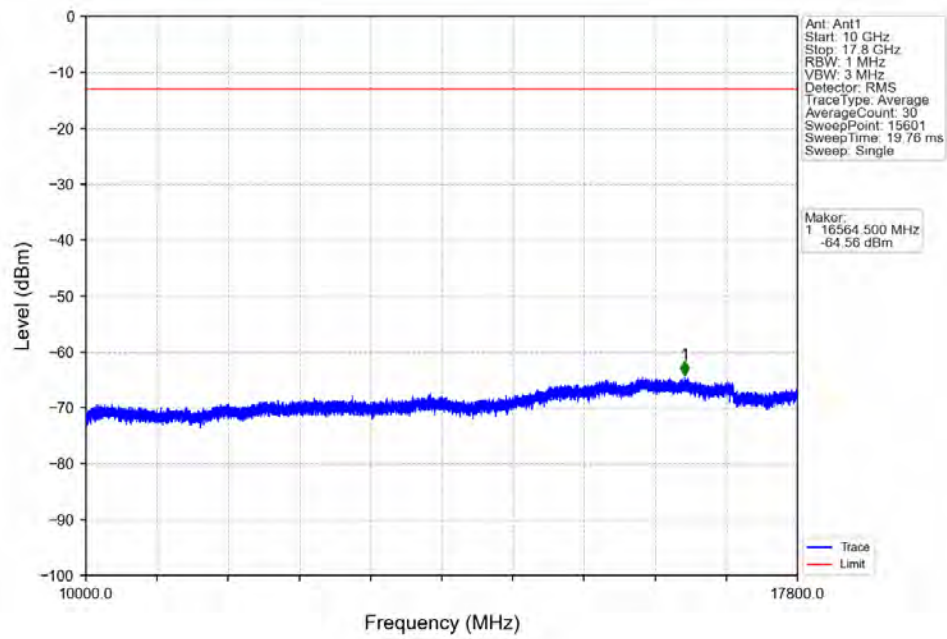
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



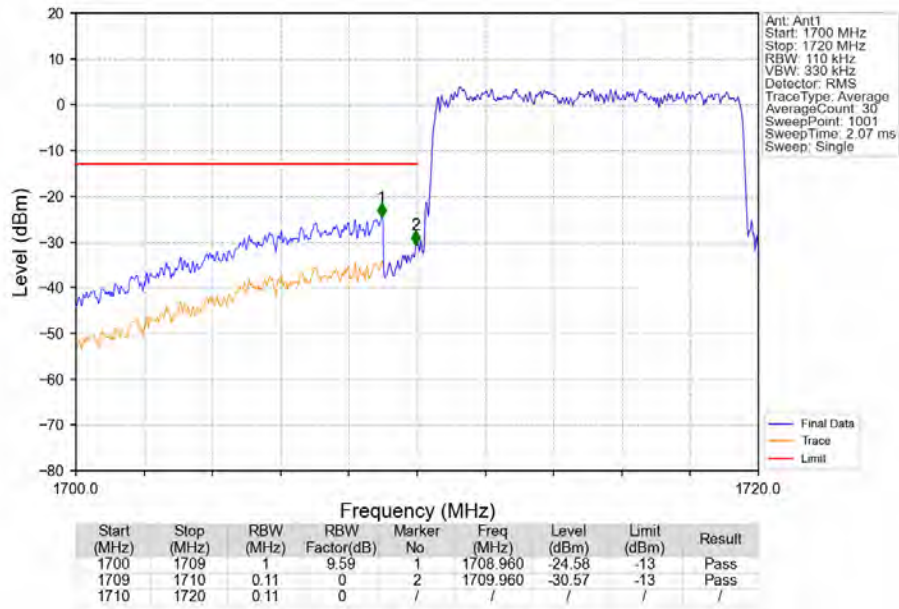
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



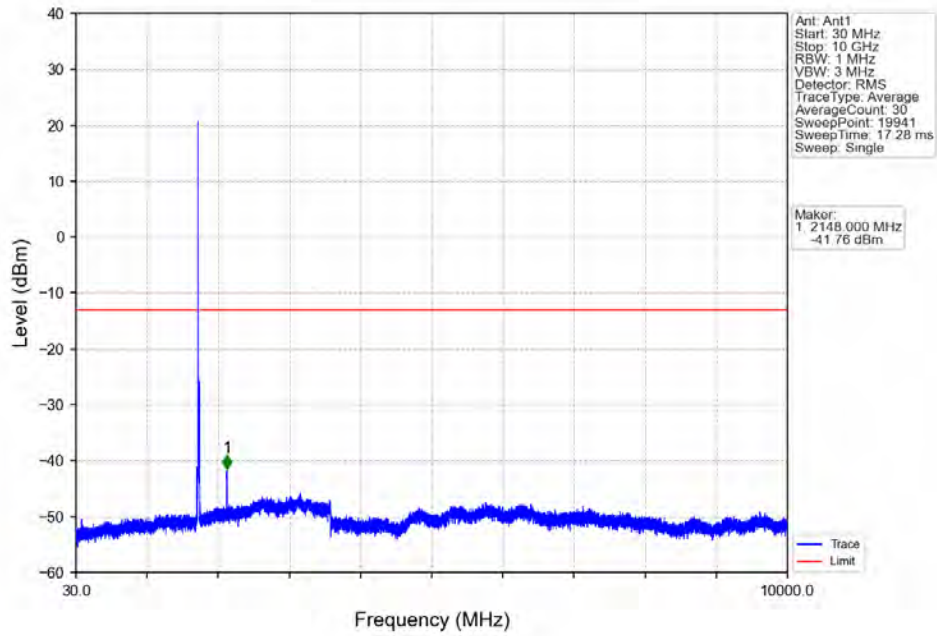
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



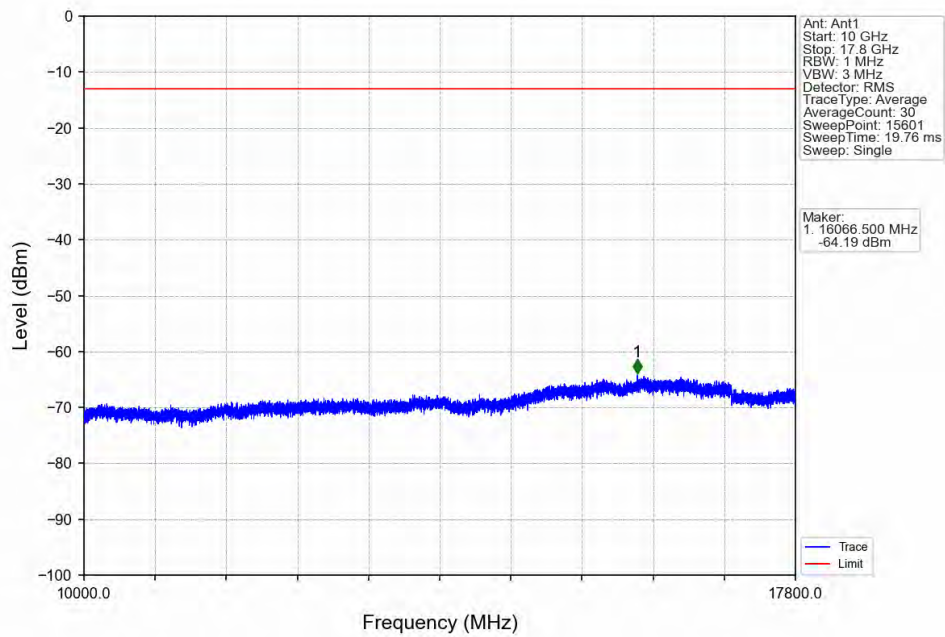
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



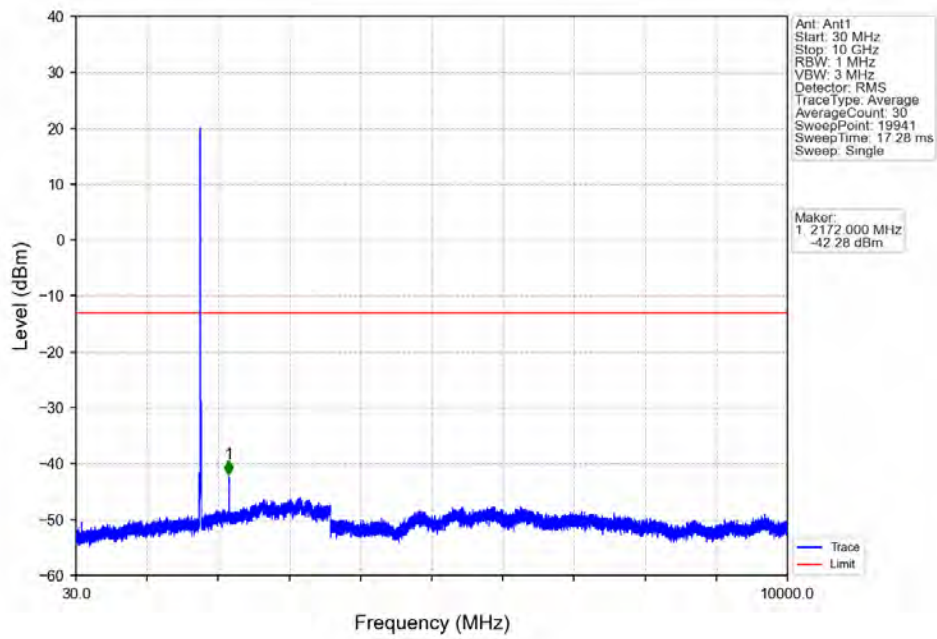
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



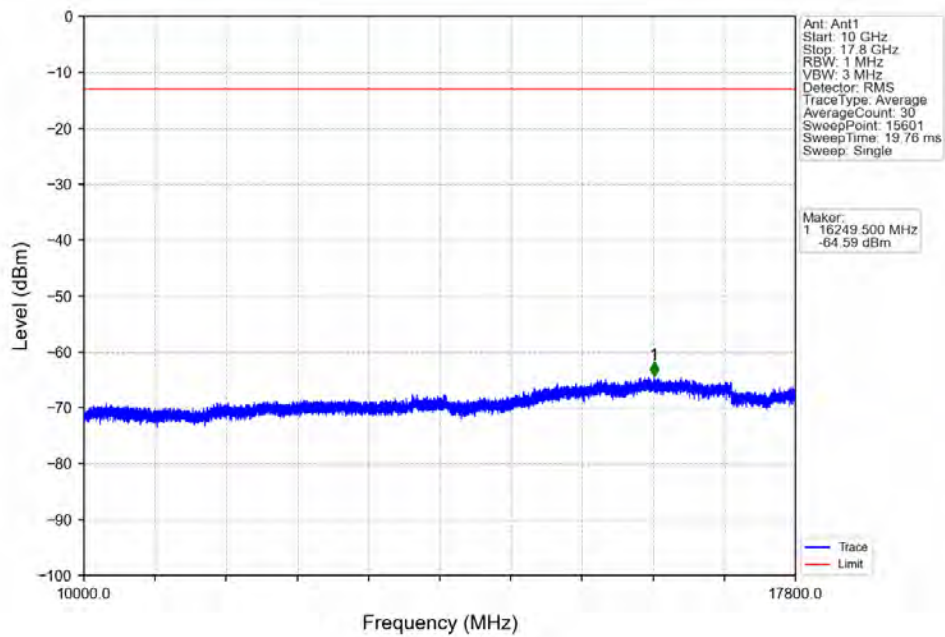
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



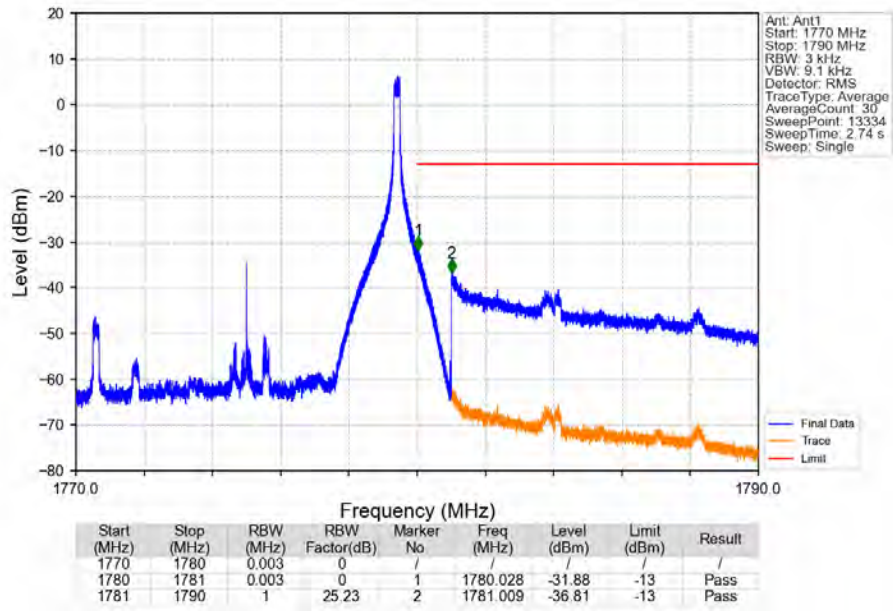
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



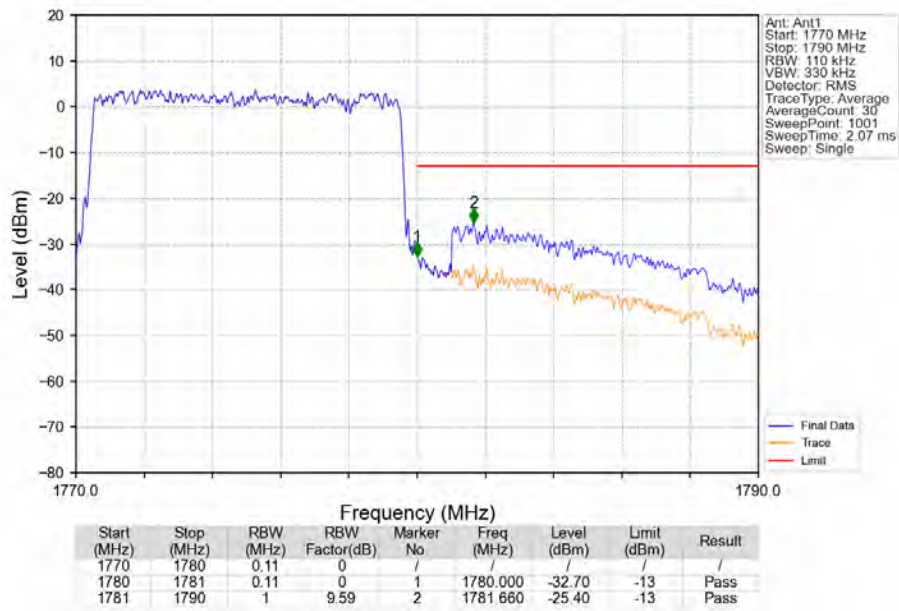
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



Band66 10MHz 16QAM HCH 1775MHz RB 1 49 NTNV



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

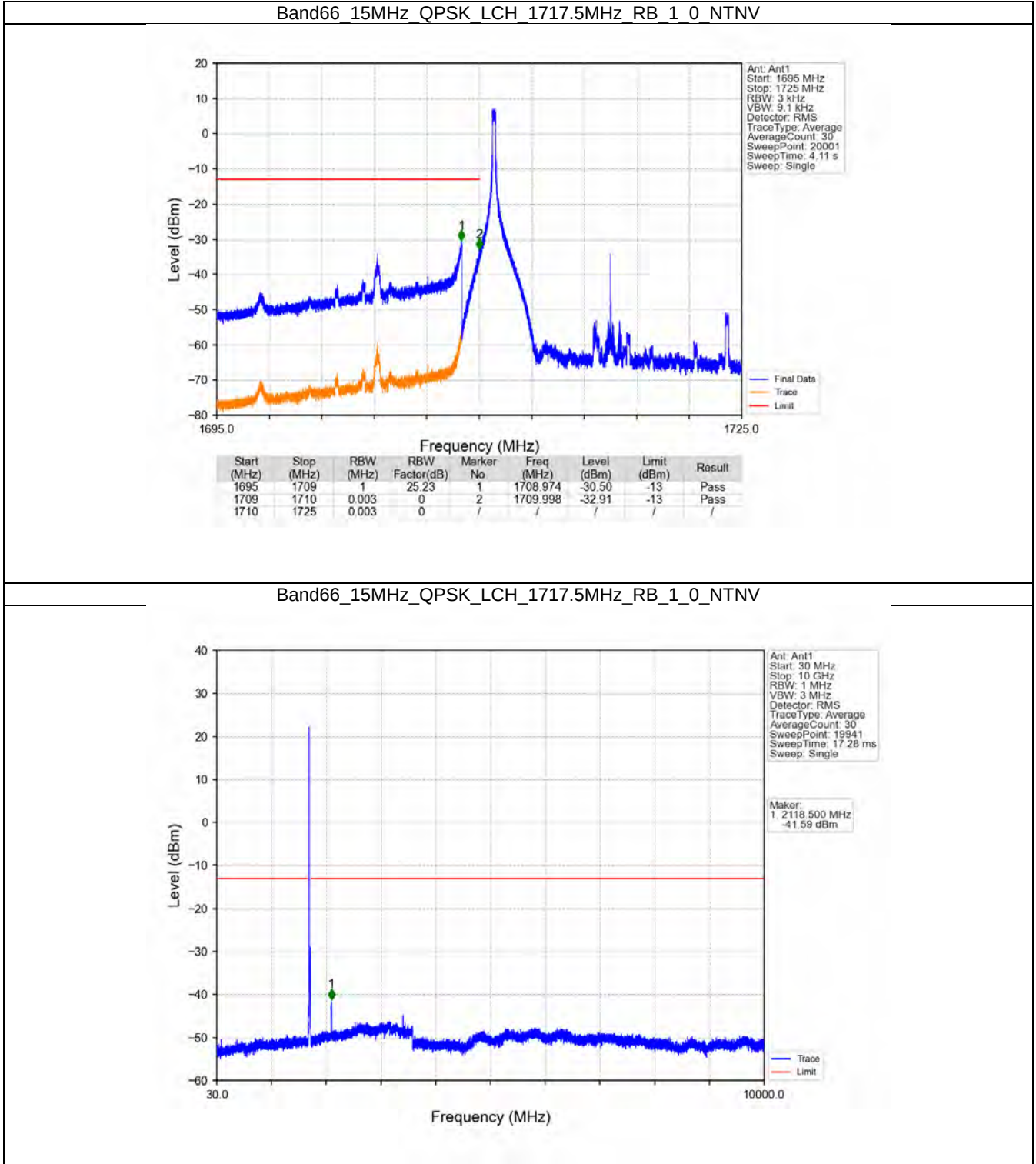


6.5 B66_15MHz

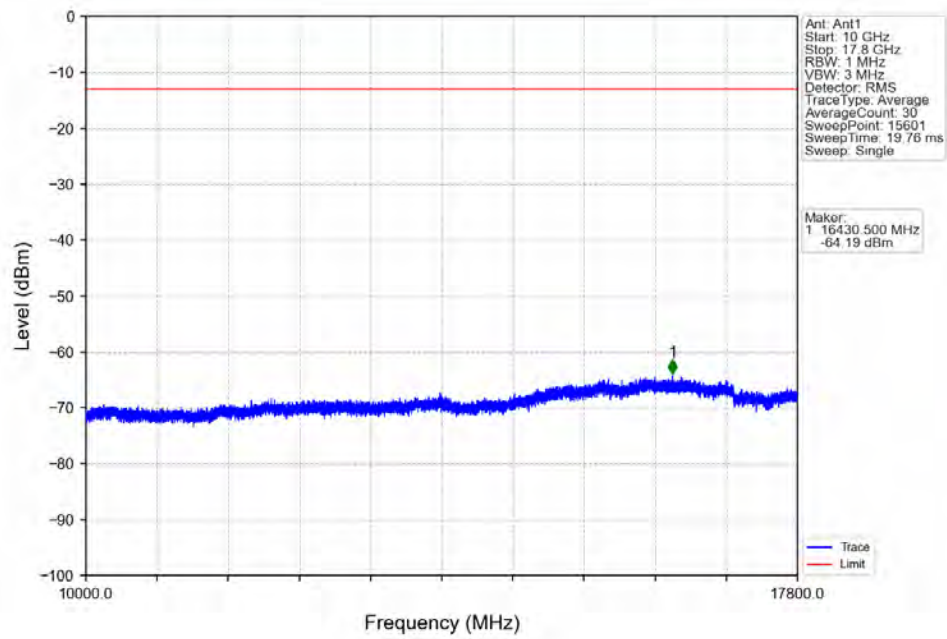
6.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTVN						
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
16QAM	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

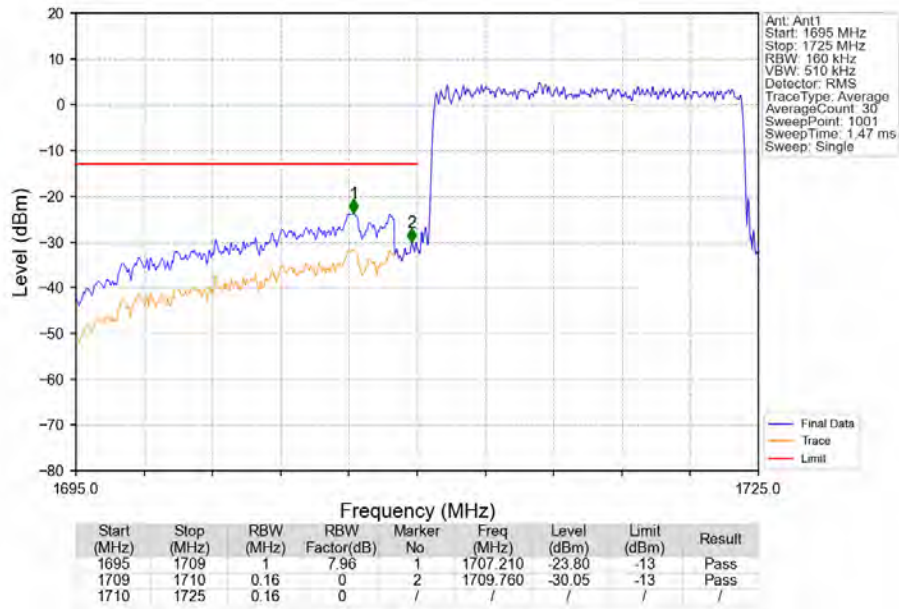
6.5.2 Test Graph



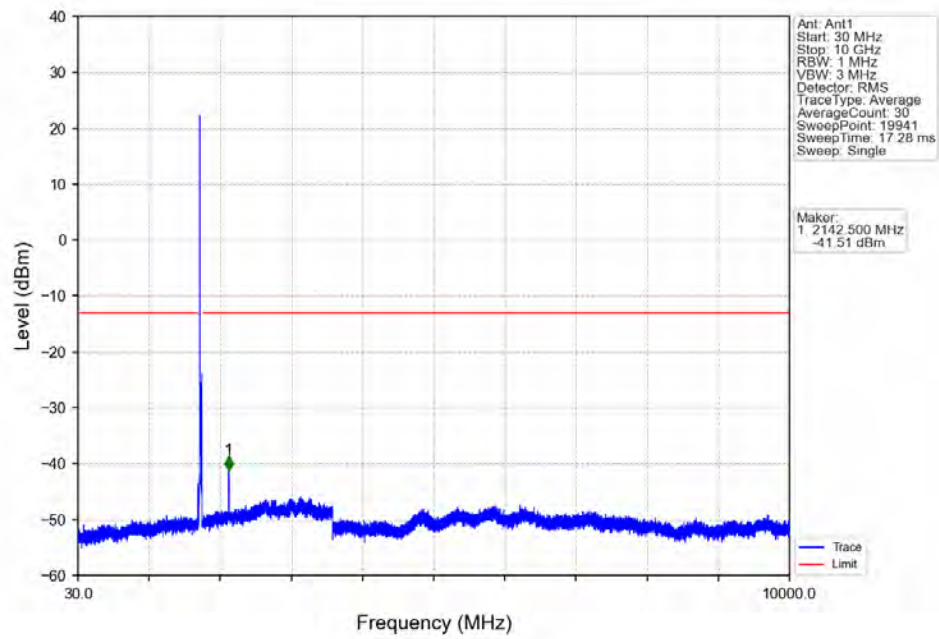
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



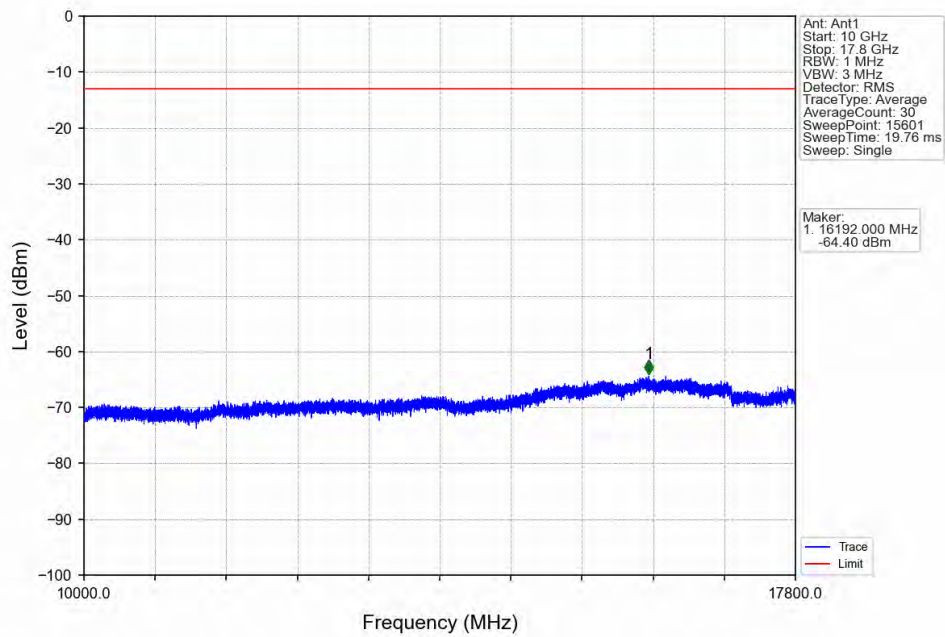
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



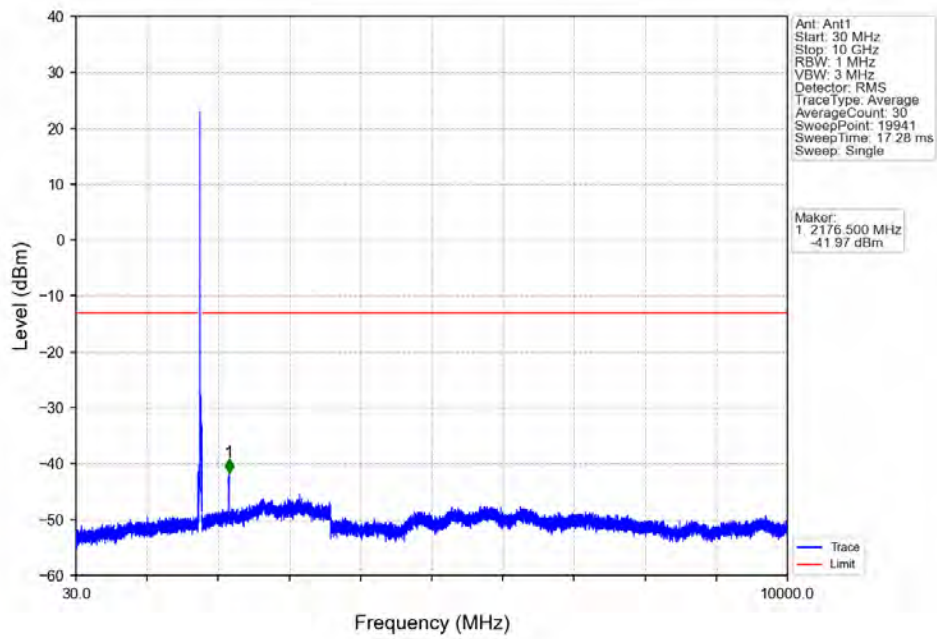
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



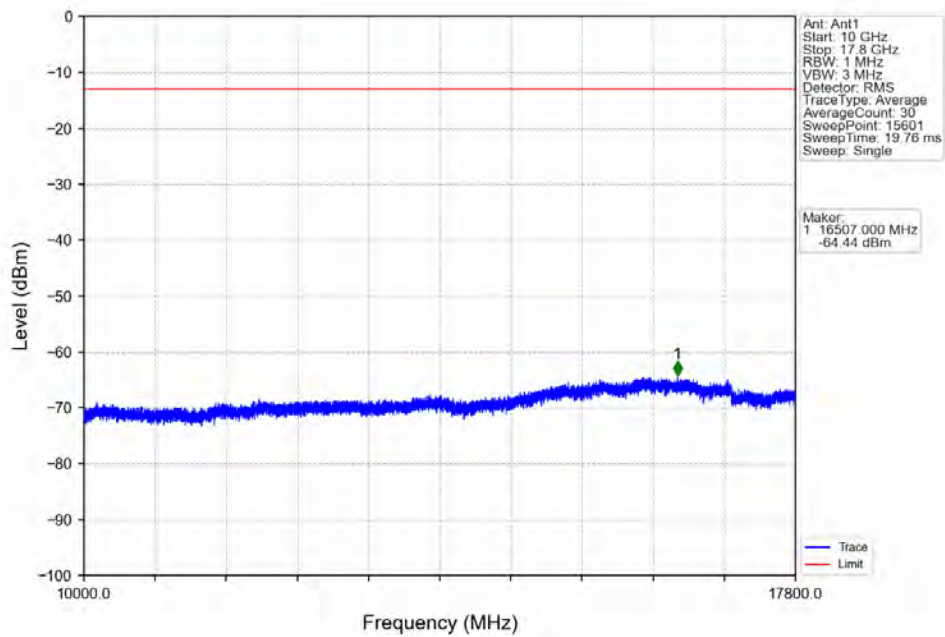
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



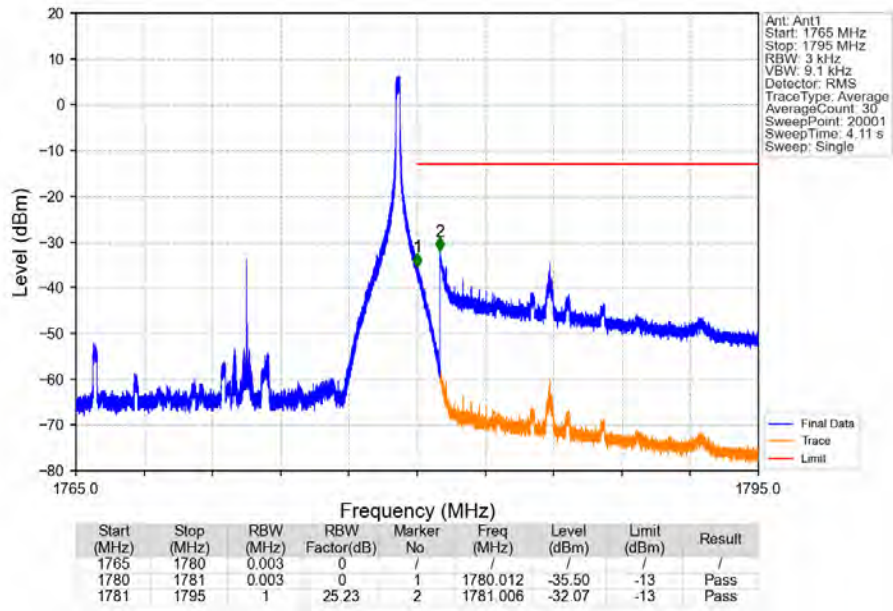
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



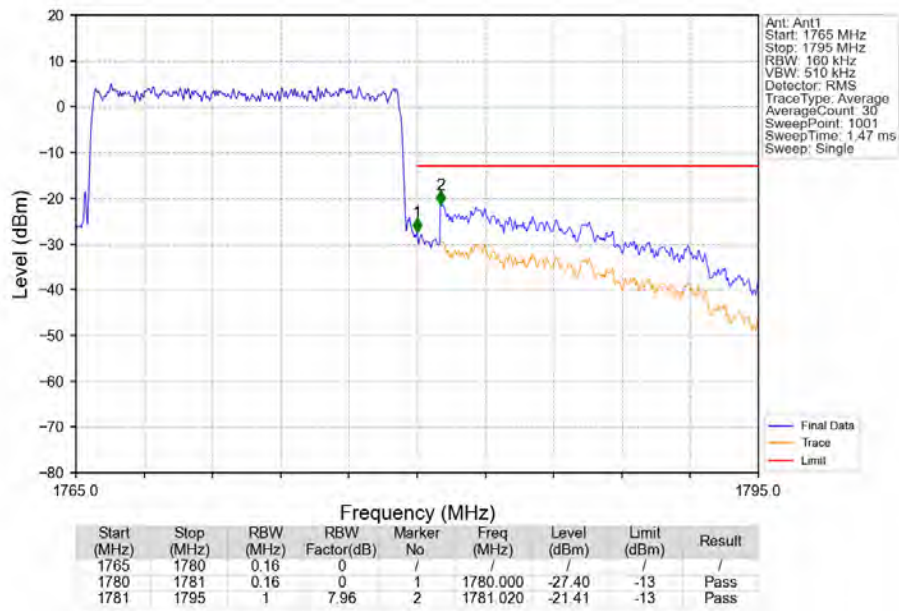
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



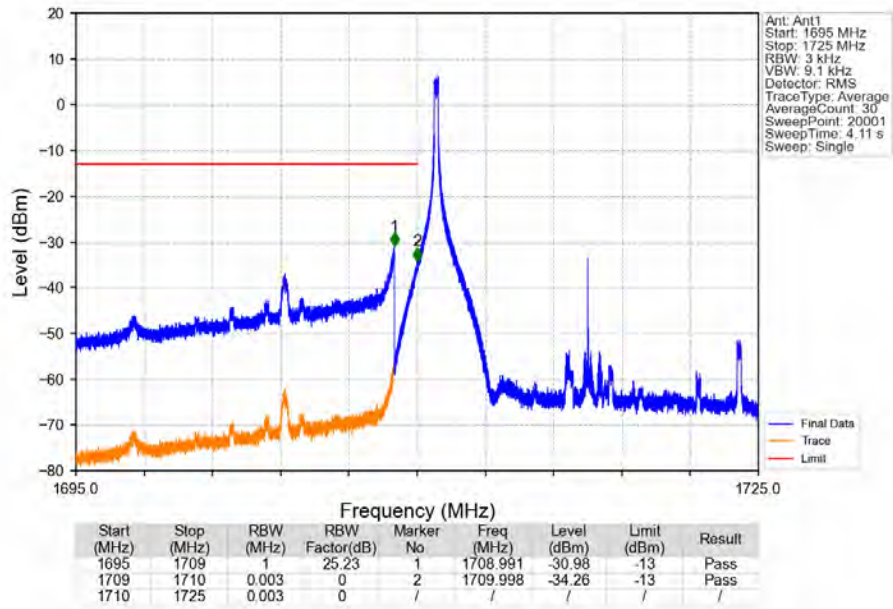
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



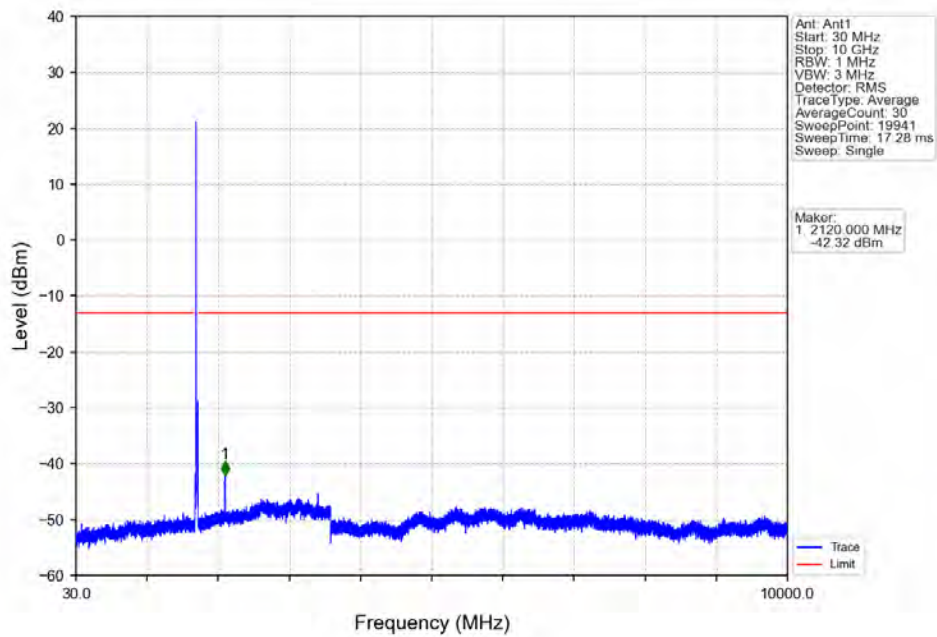
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



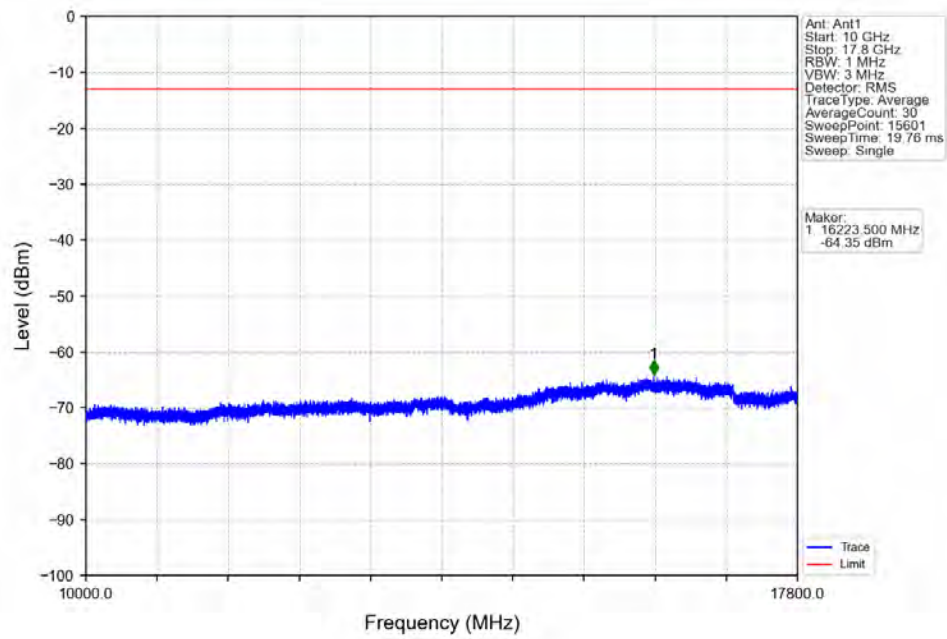
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



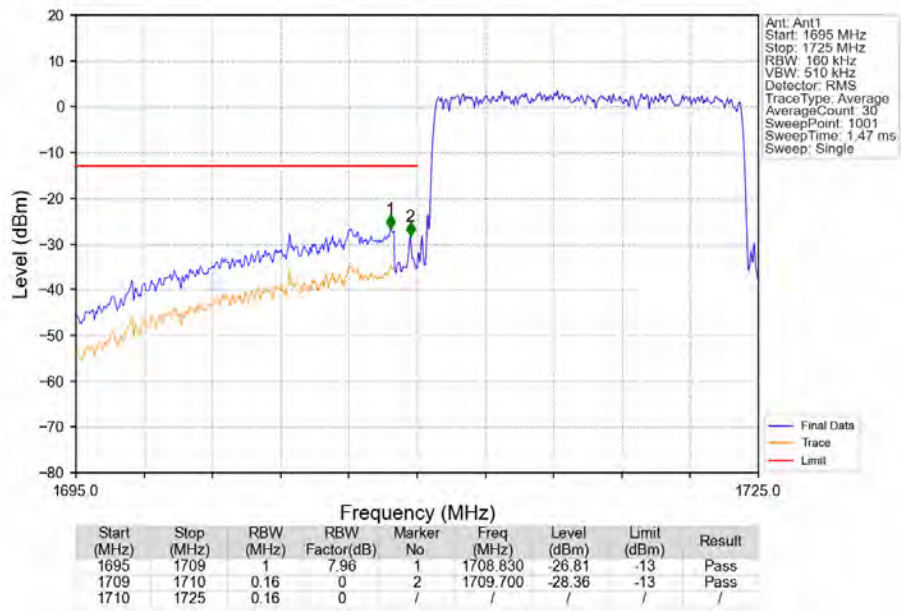
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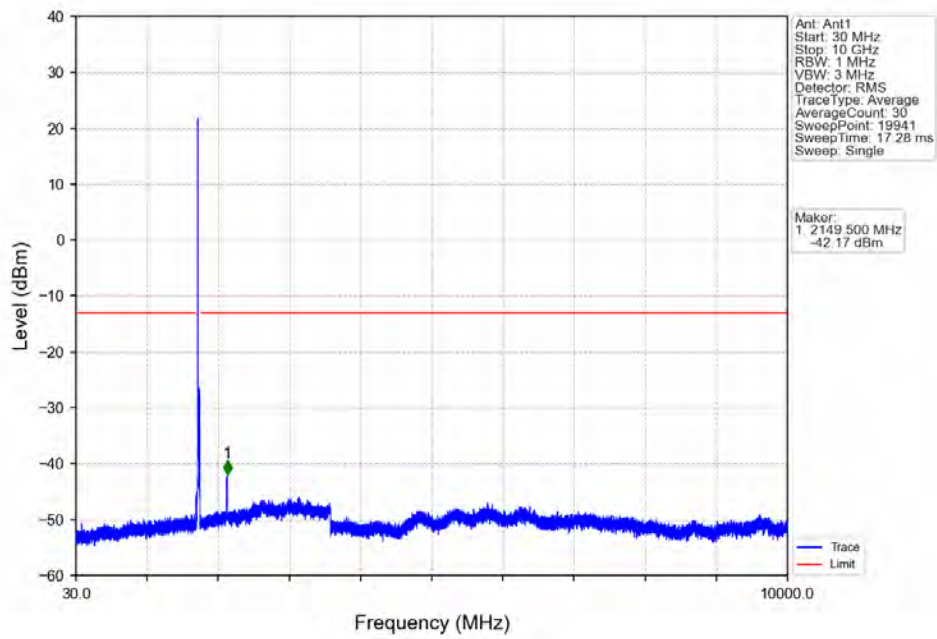
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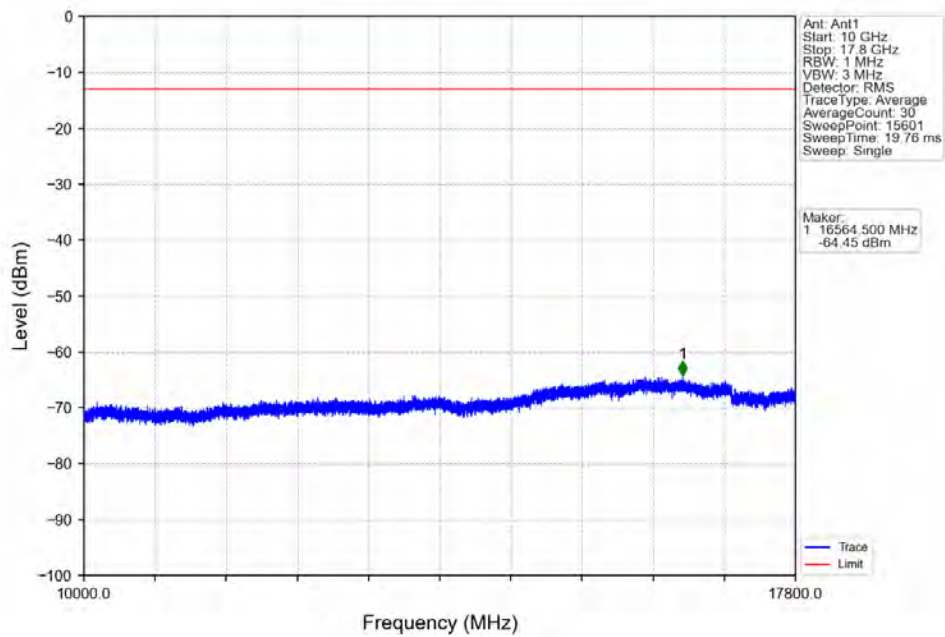
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



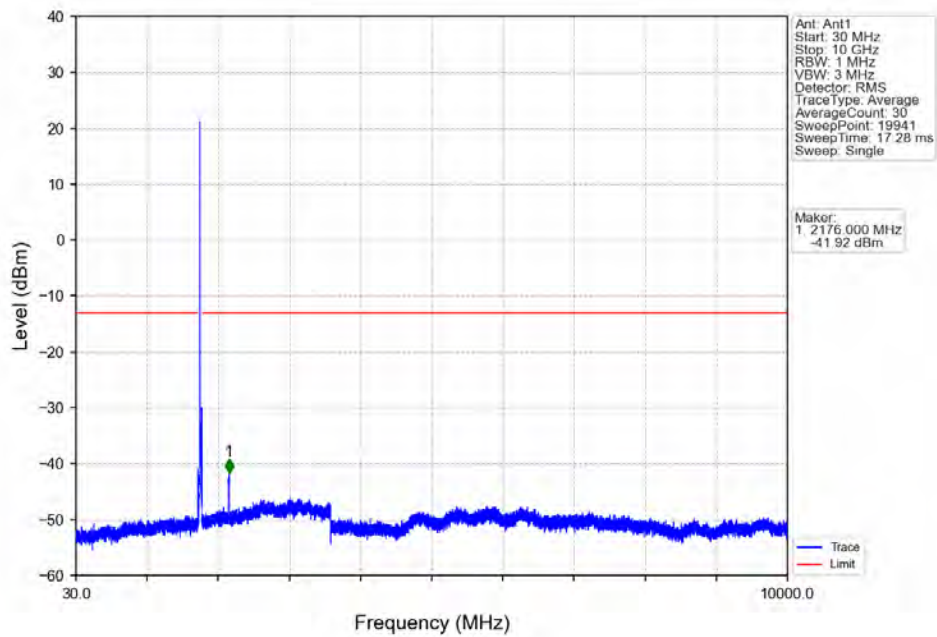
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



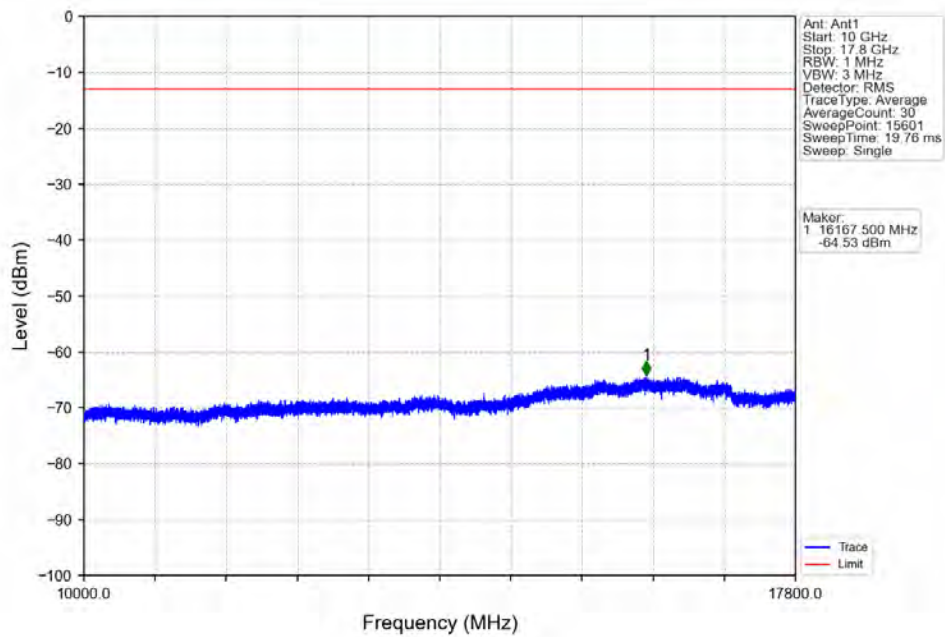
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



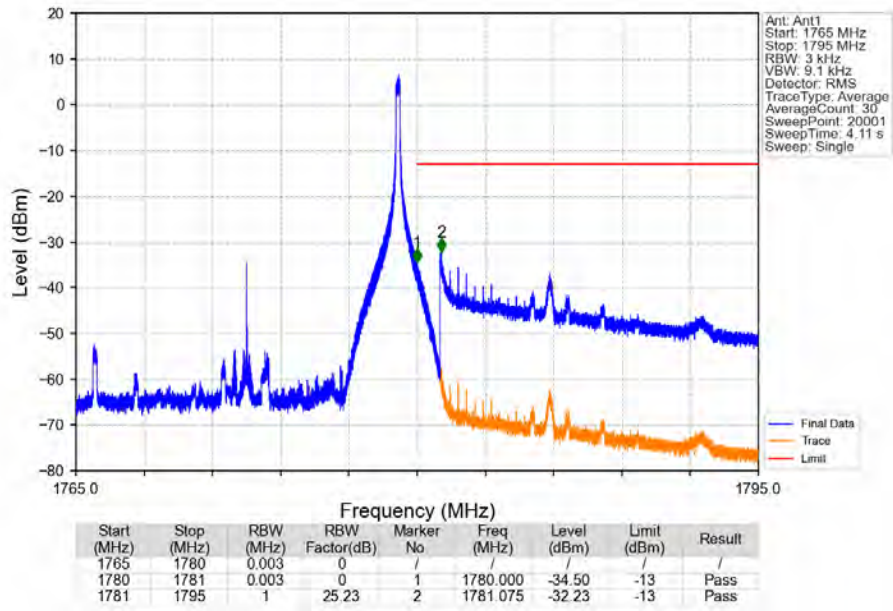
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



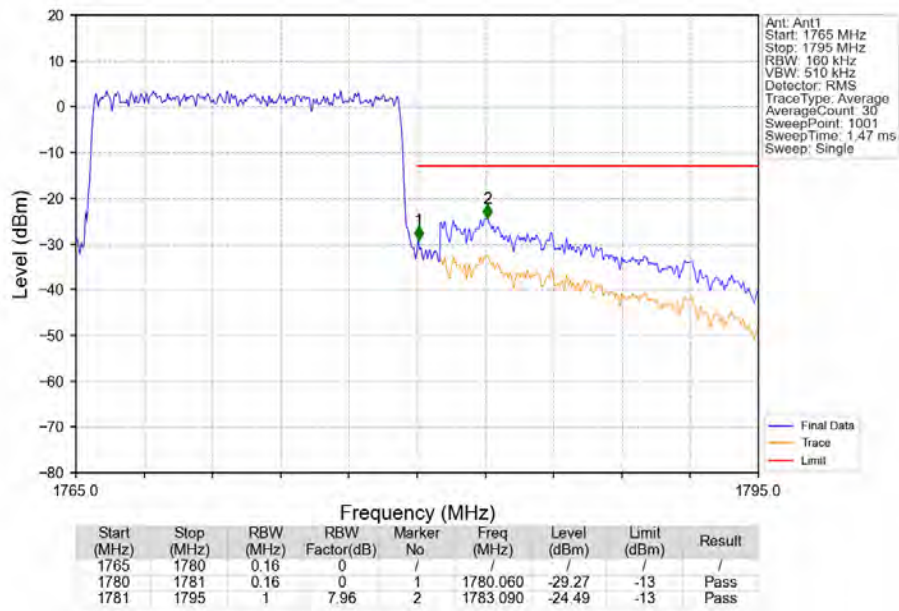
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

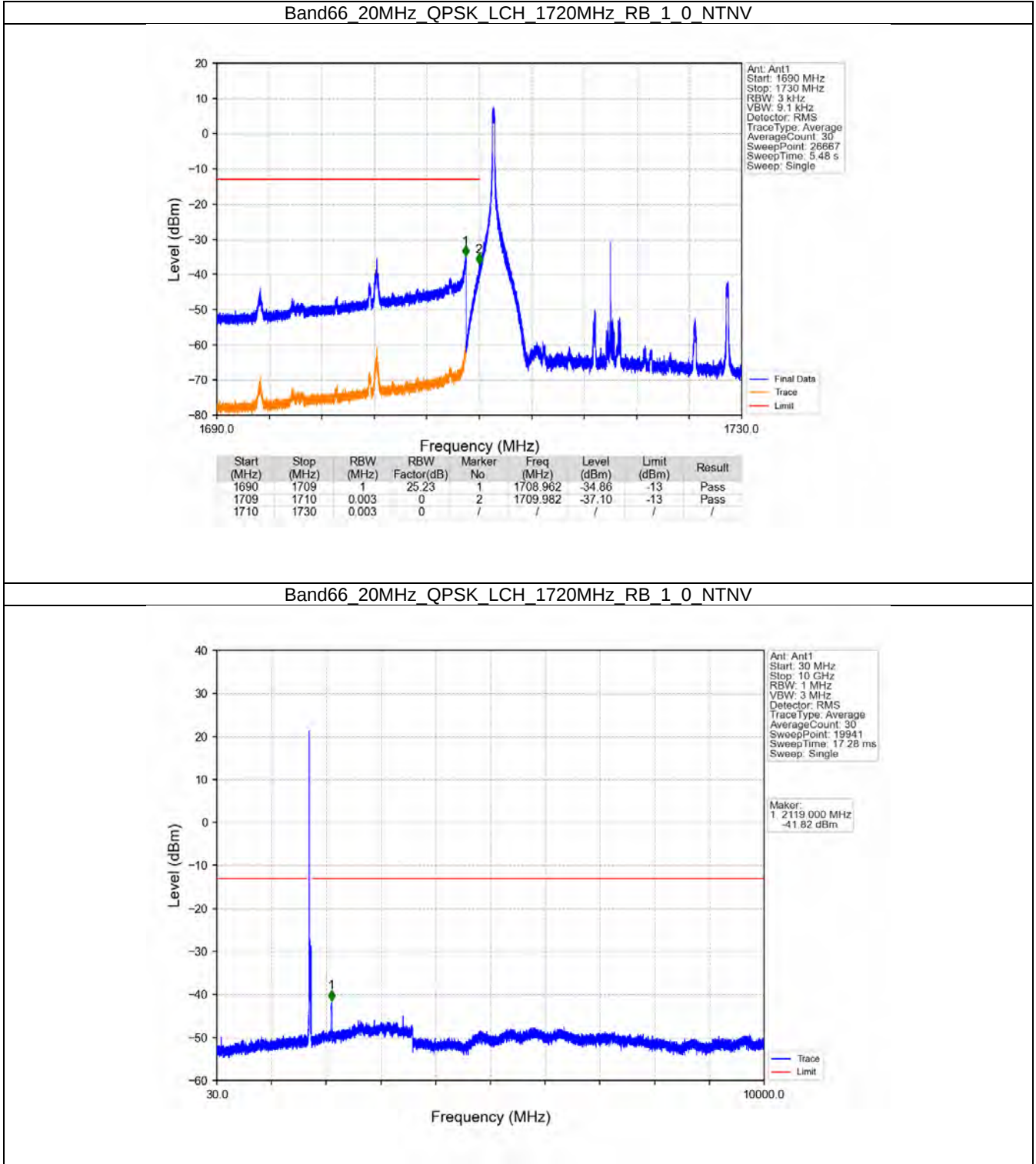


6.6 B66_20MHz

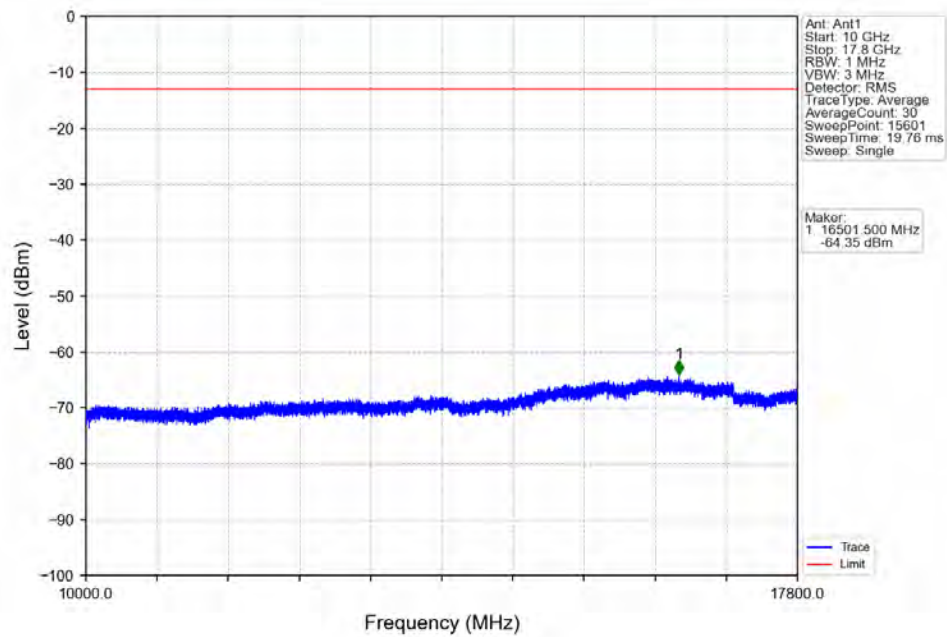
6.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTVN						
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
16QAM	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

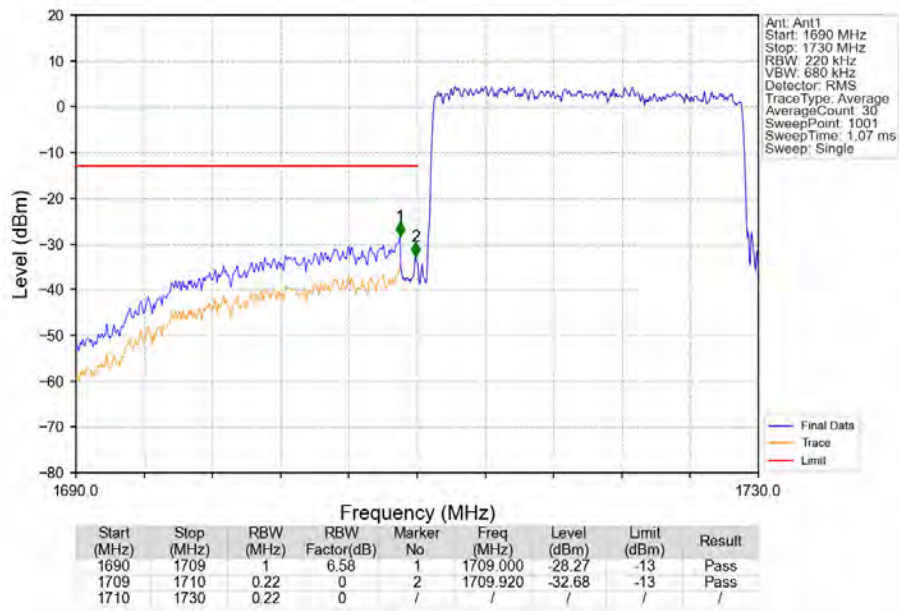
6.6.2 Test Graph



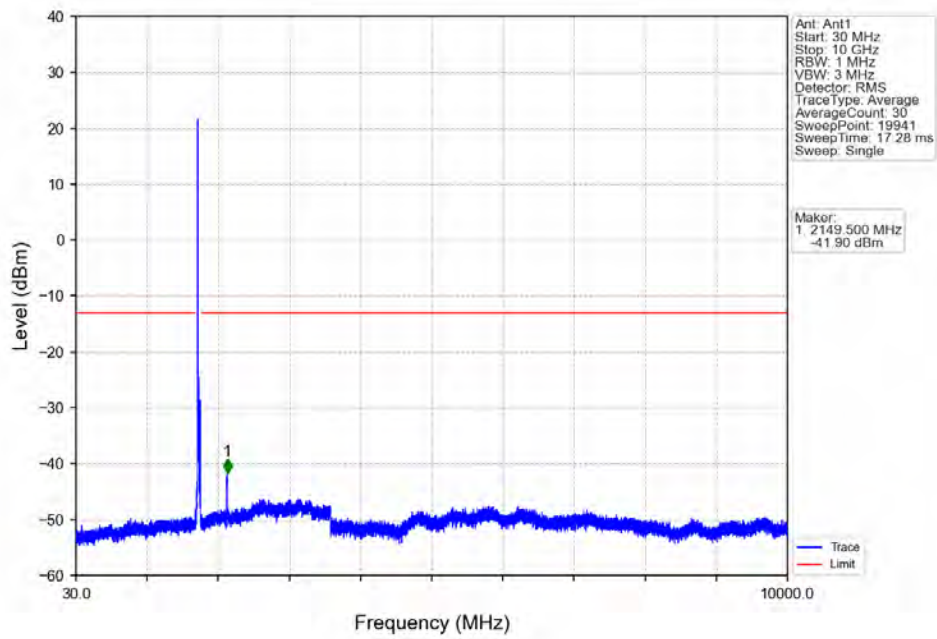
Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



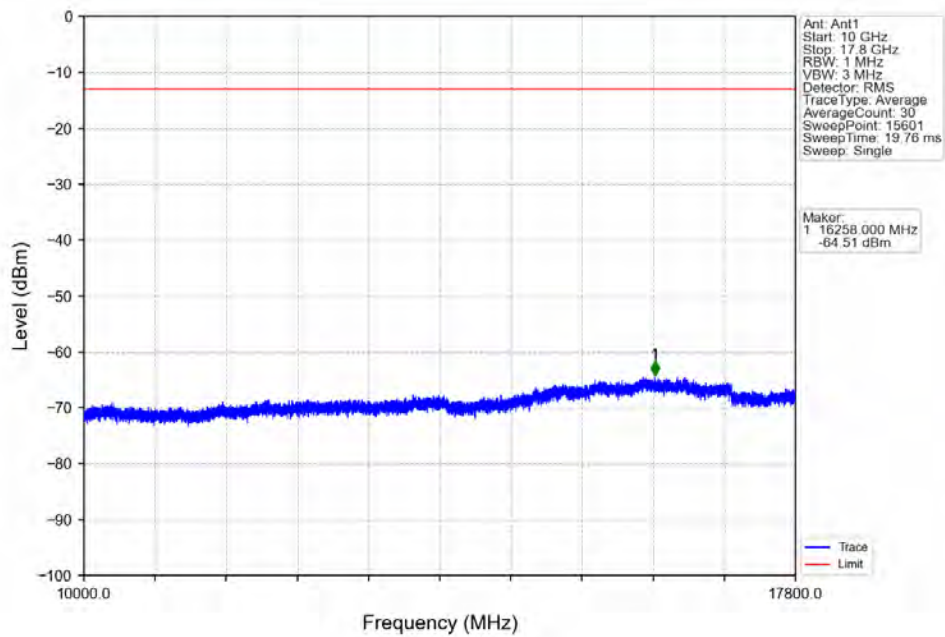
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



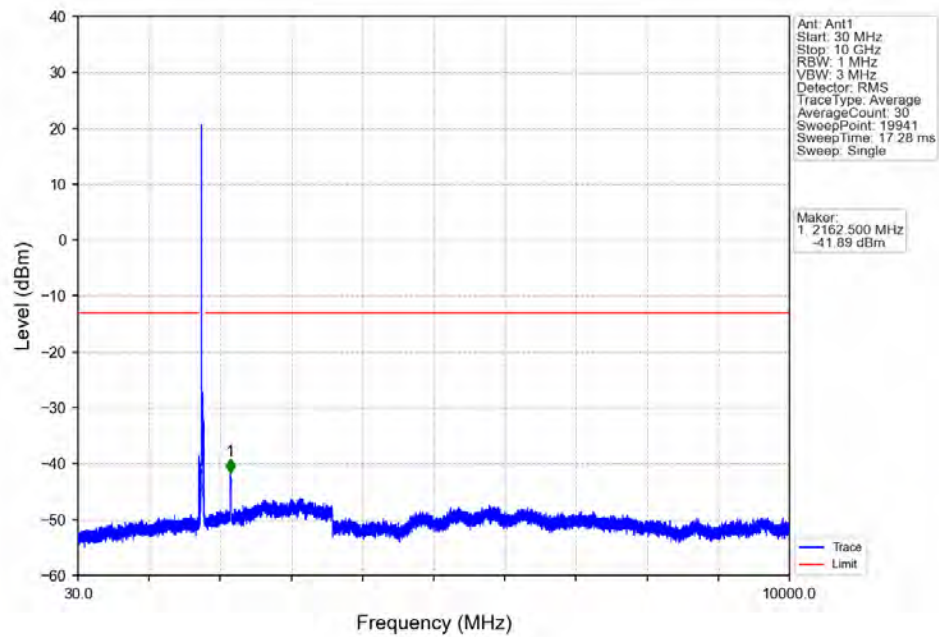
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



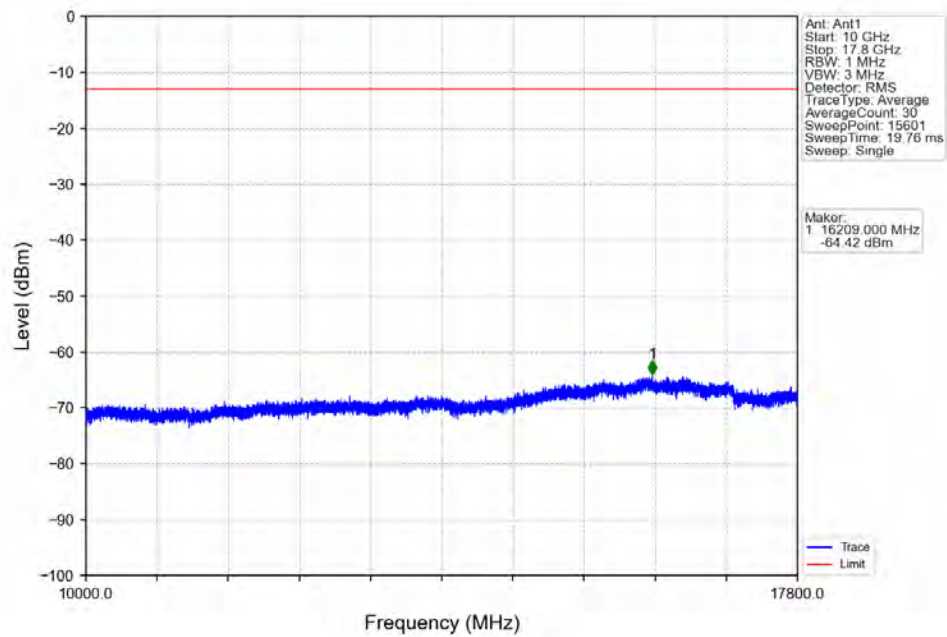
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



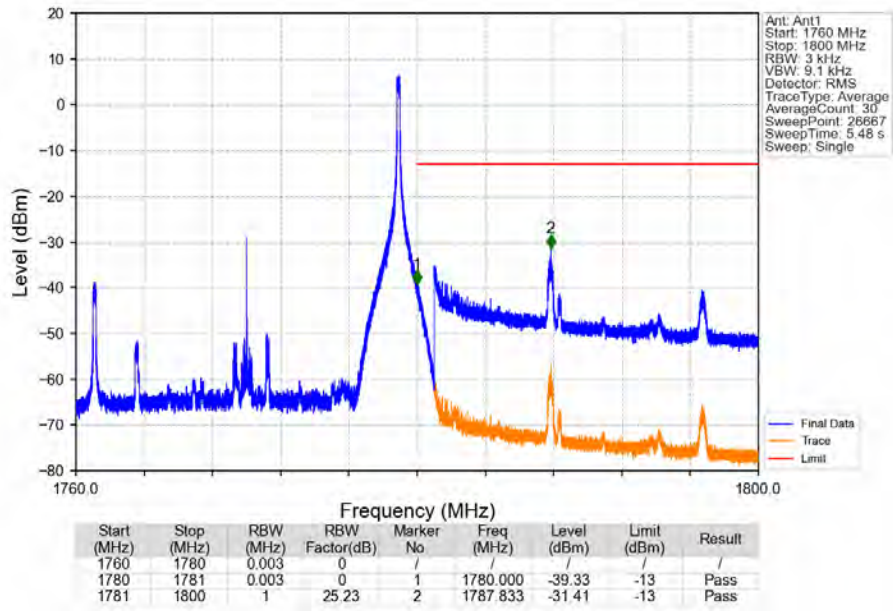
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0 NTN



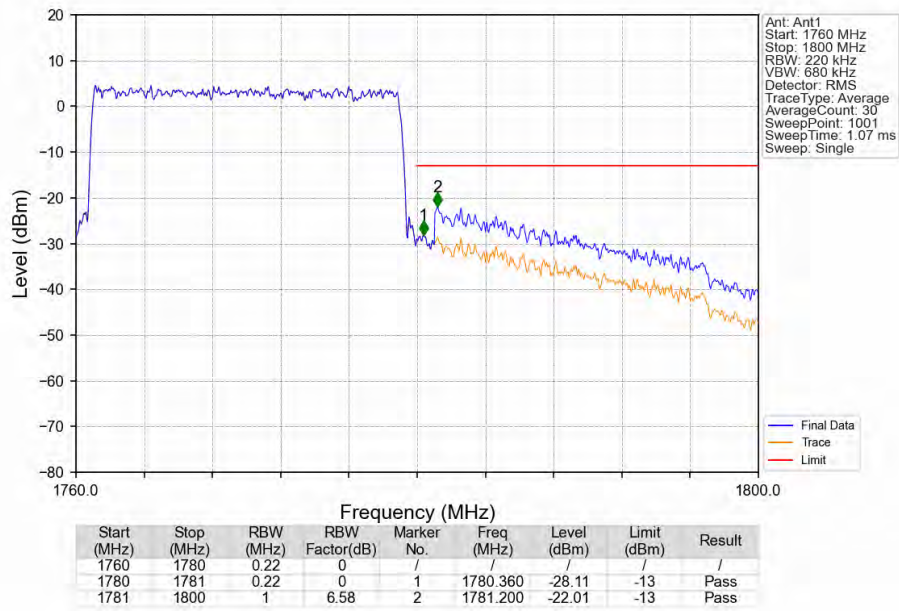
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0 NTN



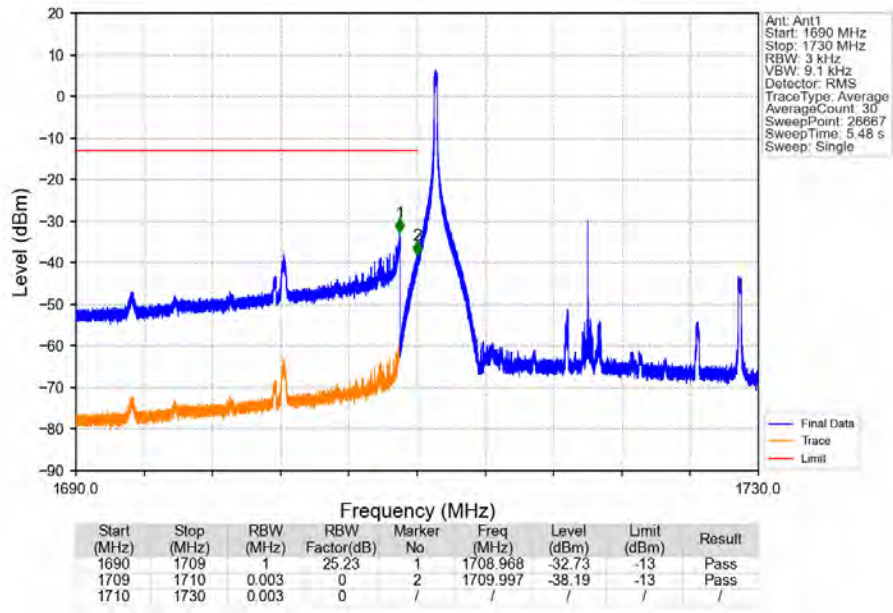
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



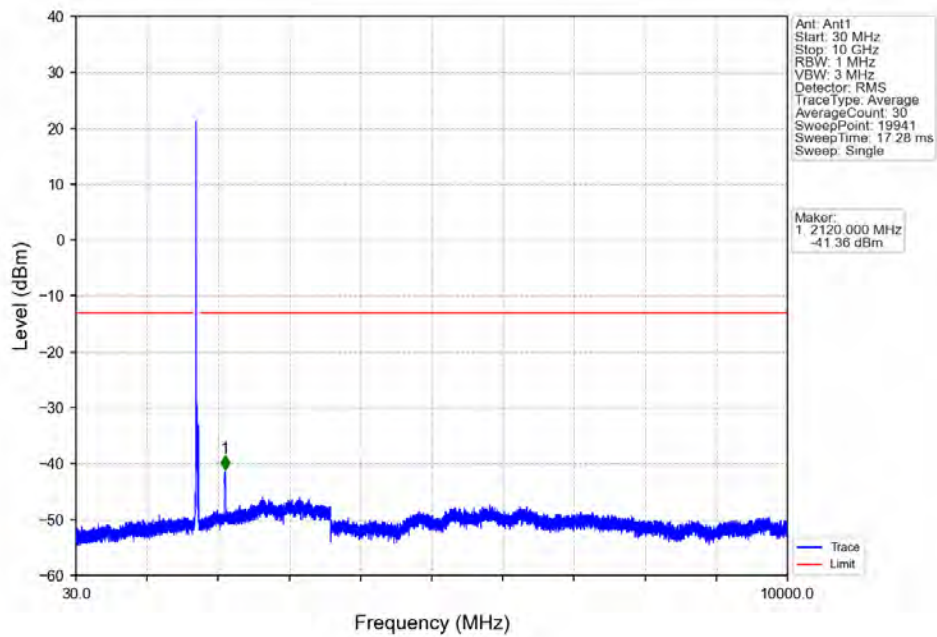
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



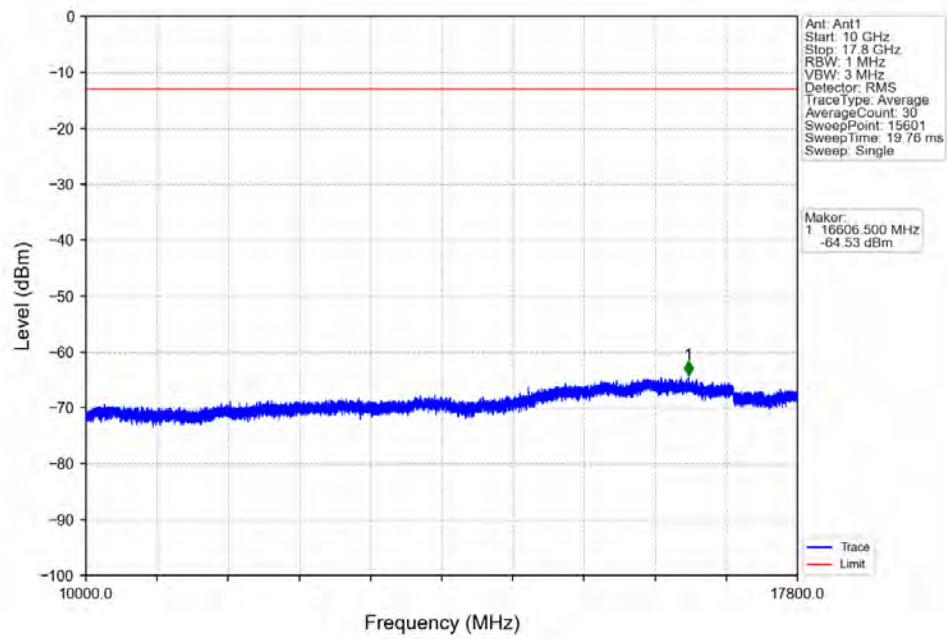
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



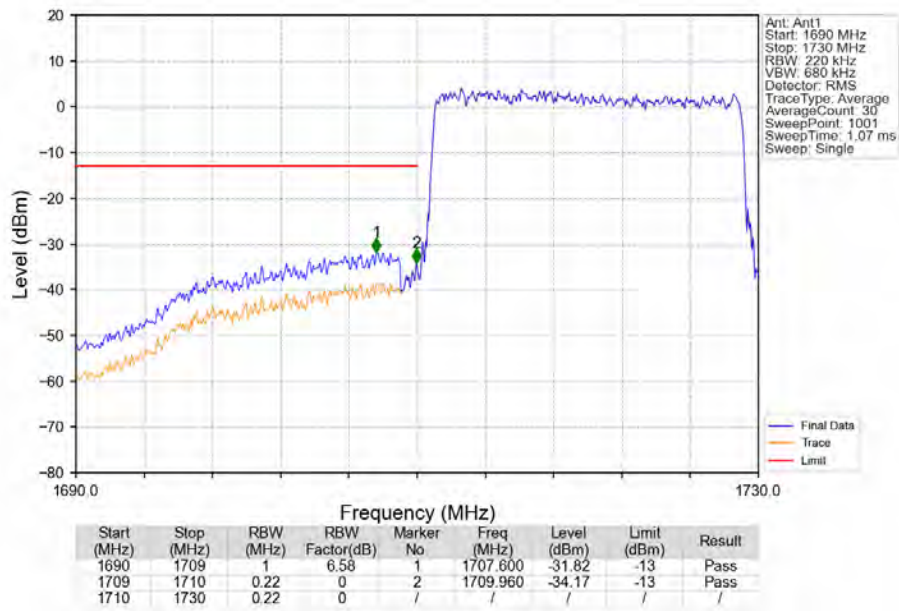
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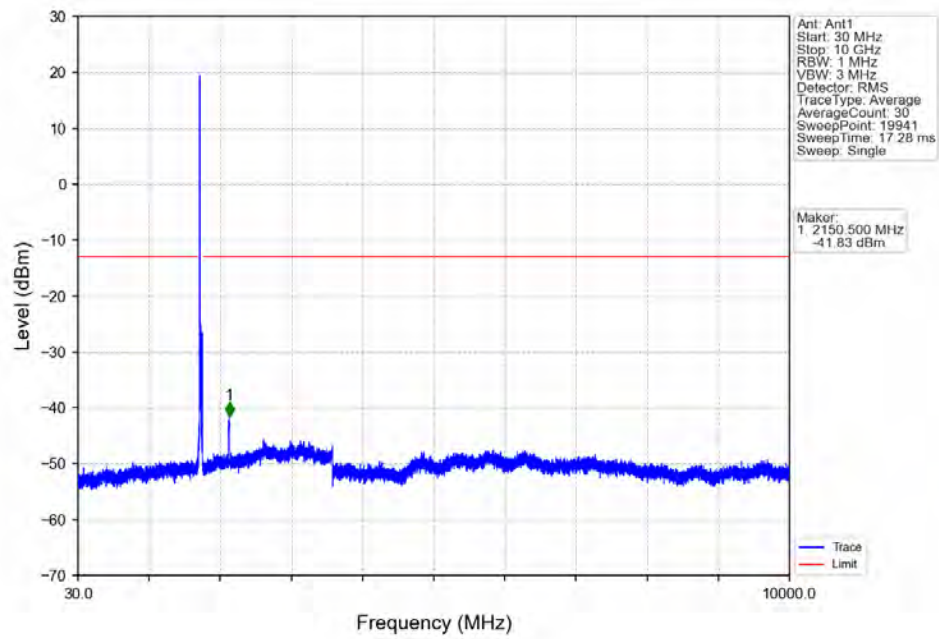
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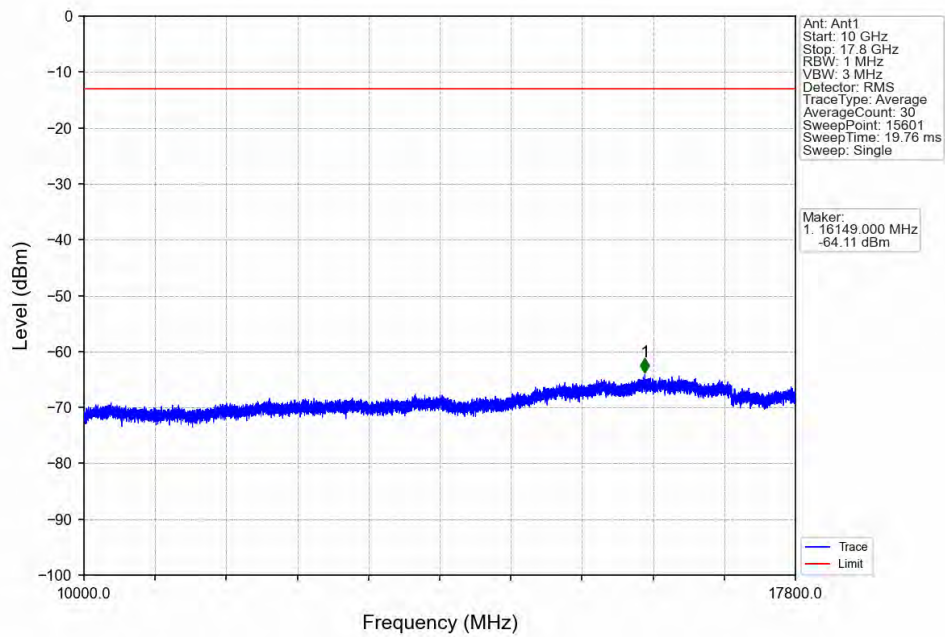
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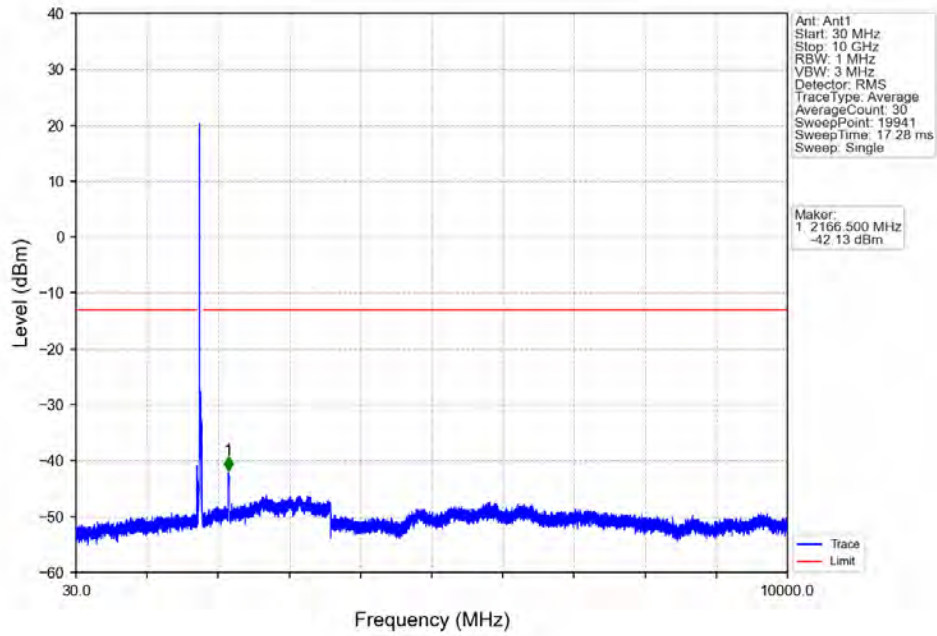
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



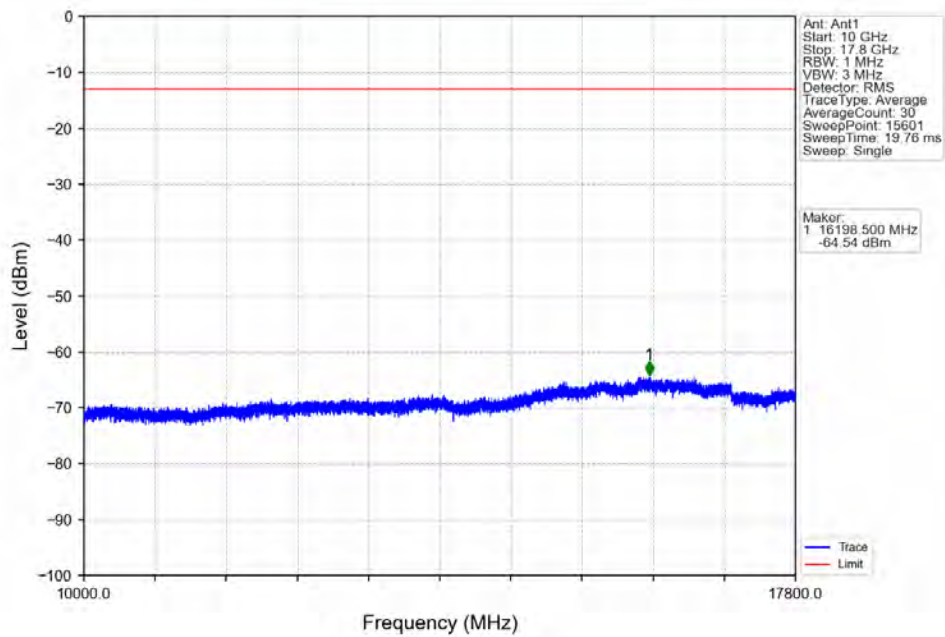
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



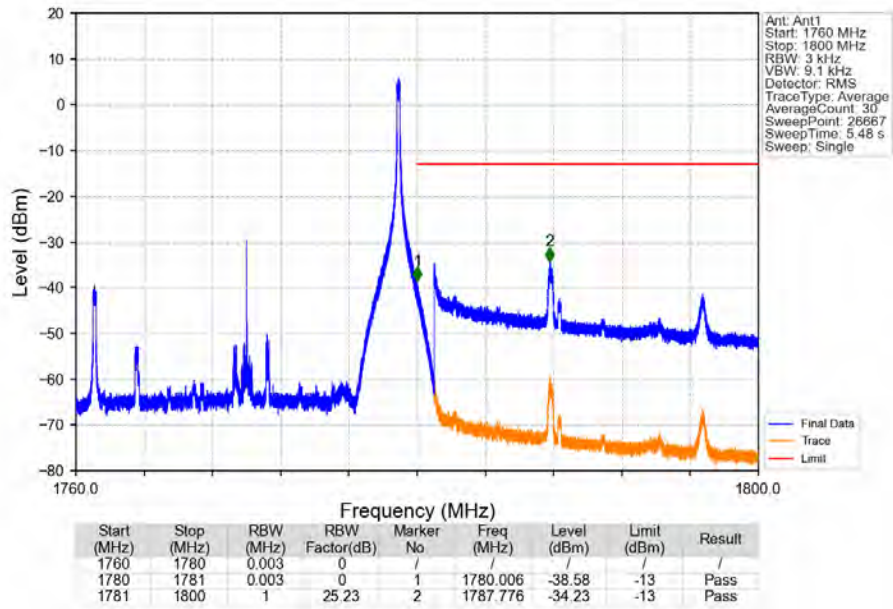
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



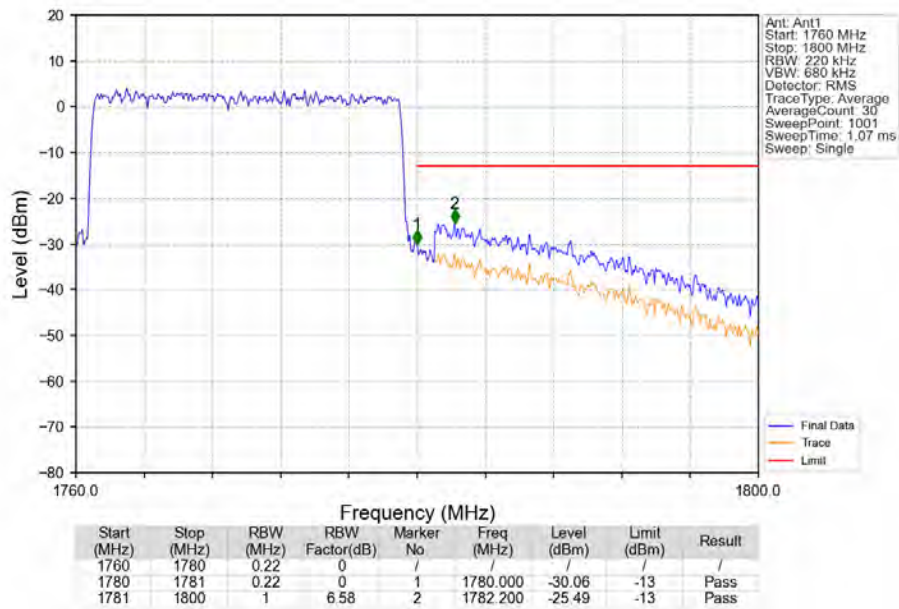
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



Band66 20MHz 16QAM HCH 1770MHz RB 1 99 NTN



Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTN



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
66	1.4	1710.7	1779.3	0.2080	0.0096	ppm	1M12G7D	27L	23.18
66	1.4	1710.7	1779.3	0.1738	0.0068	ppm	1M12W7D	27L	22.40
66	3	1711.5	1778.5	0.1977	0.0072	ppm	2M73G7D	27L	22.96
66	3	1711.5	1778.5	0.1535	0.0079	ppm	2M73W7D	27L	21.86
66	5	1712.5	1777.5	0.1866	0.0088	ppm	4M59G7D	27L	22.71
66	5	1712.5	1777.5	0.1479	0.0084	ppm	4M59W7D	27L	21.70
66	10	1715	1775	0.1945	0.0057	ppm	9M11G7D	27L	22.89
66	10	1715	1775	0.1429	0.0065	ppm	9M09W7D	27L	21.55
66	15	1717.5	1772.5	0.1871	0.0048	ppm	13M6G7D	27L	22.72
66	15	1717.5	1772.5	0.1413	0.0080	ppm	13M7W7D	27L	21.50
66	20	1720	1770	0.1778	0.0067	ppm	18M2G7D	27L	22.50
66	20	1720	1770	0.1542	0.0046	ppm	18M2W7D	27L	21.88

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
66	1.4	1710.7	1779.3	0.2323	0.0096	ppm	1M12G7D	27L	23.66
66	1.4	1710.7	1779.3	0.1941	0.0068	ppm	1M12W7D	27L	22.88
66	3	1711.5	1778.5	0.2208	0.0072	ppm	2M73G7D	27L	23.44
66	3	1711.5	1778.5	0.1714	0.0079	ppm	2M73W7D	27L	22.34
66	5	1712.5	1777.5	0.2084	0.0088	ppm	4M59G7D	27L	23.19
66	5	1712.5	1777.5	0.1652	0.0084	ppm	4M59W7D	27L	22.18
66	10	1715	1775	0.2173	0.0057	ppm	9M11G7D	27L	23.37
66	10	1715	1775	0.1596	0.0065	ppm	9M09W7D	27L	22.03
66	15	1717.5	1772.5	0.2089	0.0048	ppm	13M6G7D	27L	23.20
66	15	1717.5	1772.5	0.1578	0.0080	ppm	13M7W7D	27L	21.98
66	20	1720	1770	0.1986	0.0067	ppm	18M2G7D	27L	22.98
66	20	1720	1770	0.1722	0.0046	ppm	18M2W7D	27L	22.36