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	20.06	0.32	20.38	<=30	Pass
			2	19.67	0.32	19.99	<=30	Pass
			5	19.58	0.32	19.90	<=30	Pass
		3	0	19.58	0.32	19.90	<=30	Pass
			2	19.65	0.32	19.97	<=30	Pass
			3	19.64	0.32	19.96	<=30	Pass
		6	0	18.61	0.32	18.93	<=30	Pass
	1745	1	0	19.82	0.32	20.14	<=30	Pass
			2	19.95	0.32	20.27	<=30	Pass
			5	19.86	0.32	20.18	<=30	Pass
		3	0	19.91	0.32	20.23	<=30	Pass
			2	19.95	0.32	20.27	<=30	Pass
			3	19.93	0.32	20.25	<=30	Pass
		6	0	18.96	0.32	19.28	<=30	Pass
	1779.3	1	0	20.37	0.32	20.69	<=30	Pass
			2	20.46	0.32	20.78	<=30	Pass
			5	20.37	0.32	20.69	<=30	Pass
		3	0	20.44	0.32	20.76	<=30	Pass
			2	20.46	0.32	20.78	<=30	Pass
			3	20.43	0.32	20.75	<=30	Pass
		6	0	19.46	0.32	19.78	<=30	Pass
16QAM	1710.7	1	0	18.49	0.32	18.81	<=30	Pass
			2	18.62	0.32	18.94	<=30	Pass
			5	18.58	0.32	18.90	<=30	Pass
		3	0	18.67	0.32	18.99	<=30	Pass
			2	18.69	0.32	19.01	<=30	Pass
			3	18.66	0.32	18.98	<=30	Pass
		6	0	17.51	0.32	17.83	<=30	Pass
	1745	1	0	18.92	0.32	19.24	<=30	Pass
			2	19.06	0.32	19.38	<=30	Pass
			5	18.99	0.32	19.31	<=30	Pass
		3	0	18.84	0.32	19.16	<=30	Pass
			2	18.92	0.32	19.24	<=30	Pass
			3	18.89	0.32	19.21	<=30	Pass
		6	0	17.91	0.32	18.23	<=30	Pass
	1779.3	1	0	19.29	0.32	19.61	<=30	Pass
			2	19.38	0.32	19.70	<=30	Pass
			5	19.30	0.32	19.62	<=30	Pass
		3	0	19.57	0.32	19.89	<=30	Pass
			2	19.60	0.32	19.92	<=30	Pass
			3	19.56	0.32	19.88	<=30	Pass
		6	0	18.44	0.32	18.76	<=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	19.97	0.32	20.29	<=30	Pass
			7	19.89	0.32	20.21	<=30	Pass
			14	19.84	0.32	20.16	<=30	Pass
		8	0	18.73	0.32	19.05	<=30	Pass
			4	18.77	0.32	19.09	<=30	Pass
			7	18.76	0.32	19.08	<=30	Pass
		15	0	18.73	0.32	19.05	<=30	Pass
	1745	1	0	19.95	0.32	20.27	<=30	Pass
			7	20.13	0.32	20.45	<=30	Pass
			14	20.01	0.32	20.33	<=30	Pass
		8	0	18.99	0.32	19.31	<=30	Pass
			4	19.02	0.32	19.34	<=30	Pass
			7	19.01	0.32	19.33	<=30	Pass
		15	0	18.97	0.32	19.29	<=30	Pass
	1778.5	1	0	20.52	0.32	20.84	<=30	Pass
			7	20.63	0.32	20.95	<=30	Pass
			14	20.49	0.32	20.81	<=30	Pass
		8	0	19.53	0.32	19.85	<=30	Pass
			4	19.55	0.32	19.87	<=30	Pass
			7	19.49	0.32	19.81	<=30	Pass
		15	0	19.49	0.32	19.81	<=30	Pass
16QAM	1711.5	1	0	18.68	0.32	19.00	<=30	Pass
			7	18.86	0.32	19.18	<=30	Pass
			14	18.76	0.32	19.08	<=30	Pass
		8	0	17.76	0.32	18.08	<=30	Pass
			4	17.82	0.32	18.14	<=30	Pass
			7	17.79	0.32	18.11	<=30	Pass
		15	0	17.77	0.32	18.09	<=30	Pass
	1745	1	0	19.05	0.32	19.37	<=30	Pass
			7	19.22	0.32	19.54	<=30	Pass
			14	19.14	0.32	19.46	<=30	Pass
		8	0	17.93	0.32	18.25	<=30	Pass
			4	17.96	0.32	18.28	<=30	Pass
			7	17.95	0.32	18.27	<=30	Pass
		15	0	17.91	0.32	18.23	<=30	Pass
	1778.5	1	0	19.97	0.32	20.29	<=30	Pass
			7	20.07	0.32	20.39	<=30	Pass
			14	19.89	0.32	20.21	<=30	Pass
		8	0	18.62	0.32	18.94	<=30	Pass
			4	18.68	0.32	19.00	<=30	Pass
			7	18.61	0.32	18.93	<=30	Pass
		15	0	18.54	0.32	18.86	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	19.50	0.32	19.82	<=30	Pass
			13	19.75	0.32	20.07	<=30	Pass
			24	19.70	0.32	20.02	<=30	Pass

		12	0	18.60	0.32	18.92	<=30	Pass
			6	18.69	0.32	19.01	<=30	Pass
			13	18.68	0.32	19.00	<=30	Pass
		25	0	18.65	0.32	18.97	<=30	Pass
	1745	1	0	19.74	0.32	20.06	<=30	Pass
			13	19.91	0.32	20.23	<=30	Pass
			24	19.89	0.32	20.21	<=30	Pass
		12	0	18.82	0.32	19.14	<=30	Pass
			6	18.90	0.32	19.22	<=30	Pass
			13	18.86	0.32	19.18	<=30	Pass
		25	0	18.87	0.32	19.19	<=30	Pass
	1777.5	1	0	20.37	0.32	20.69	<=30	Pass
			13	20.48	0.32	20.80	<=30	Pass
			24	20.34	0.32	20.66	<=30	Pass
		12	0	19.42	0.32	19.74	<=30	Pass
			6	19.47	0.32	19.79	<=30	Pass
			13	19.36	0.32	19.68	<=30	Pass
		25	0	19.40	0.32	19.72	<=30	Pass
16QAM	1712.5	1	0	18.54	0.32	18.86	<=30	Pass
			13	18.80	0.32	19.12	<=30	Pass
			24	18.77	0.32	19.09	<=30	Pass
		12	0	17.61	0.32	17.93	<=30	Pass
			6	17.71	0.32	18.03	<=30	Pass
			13	17.71	0.32	18.03	<=30	Pass
		25	0	17.66	0.32	17.98	<=30	Pass
	1745	1	0	18.96	0.32	19.28	<=30	Pass
			13	19.14	0.32	19.46	<=30	Pass
			24	19.09	0.32	19.41	<=30	Pass
		12	0	17.86	0.32	18.18	<=30	Pass
			6	17.93	0.32	18.25	<=30	Pass
			13	17.93	0.32	18.25	<=30	Pass
		25	0	17.83	0.32	18.15	<=30	Pass
	1777.5	1	0	19.19	0.32	19.51	<=30	Pass
			13	19.28	0.32	19.60	<=30	Pass
			24	19.18	0.32	19.50	<=30	Pass
		12	0	18.44	0.32	18.76	<=30	Pass
			6	18.44	0.32	18.76	<=30	Pass
			13	18.36	0.32	18.68	<=30	Pass
		25	0	18.43	0.32	18.75	<=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	19.59	0.32	19.91	<=30	Pass
			25	20.01	0.32	20.33	<=30	Pass
			49	19.95	0.32	20.27	<=30	Pass
		25	0	18.74	0.32	19.06	<=30	Pass
			13	18.88	0.32	19.20	<=30	Pass
			25	18.94	0.32	19.26	<=30	Pass
		50	0	18.83	0.32	19.15	<=30	Pass
	1745	1	0	19.76	0.32	20.08	<=30	Pass
			25	20.06	0.32	20.38	<=30	Pass

			49	20.02	0.32	20.34	<=30	Pass
		25	0	18.91	0.32	19.23	<=30	Pass
			13	18.98	0.32	19.30	<=30	Pass
			25	18.99	0.32	19.31	<=30	Pass
		50	0	18.97	0.32	19.29	<=30	Pass
	1775	1	0	20.48	0.32	20.80	<=30	Pass
			25	20.68	0.32	21.00	<=30	Pass
			49	20.38	0.32	20.70	<=30	Pass
		25	0	19.60	0.32	19.92	<=30	Pass
			13	19.54	0.32	19.86	<=30	Pass
			25	19.49	0.32	19.81	<=30	Pass
		50	0	19.50	0.32	19.82	<=30	Pass
16QAM	1715	1	0	18.57	0.32	18.89	<=30	Pass
			25	18.99	0.32	19.31	<=30	Pass
			49	18.94	0.32	19.26	<=30	Pass
		25	0	17.83	0.32	18.15	<=30	Pass
			13	17.93	0.32	18.25	<=30	Pass
			25	17.99	0.32	18.31	<=30	Pass
		50	0	17.87	0.32	18.19	<=30	Pass
	1745	1	0	18.89	0.32	19.21	<=30	Pass
			25	19.23	0.32	19.55	<=30	Pass
			49	19.18	0.32	19.50	<=30	Pass
		25	0	17.88	0.32	18.20	<=30	Pass
			13	17.94	0.32	18.26	<=30	Pass
			25	17.98	0.32	18.30	<=30	Pass
		50	0	17.92	0.32	18.24	<=30	Pass
	1775	1	0	19.99	0.32	20.31	<=30	Pass
			25	20.12	0.32	20.44	<=30	Pass
			49	19.81	0.32	20.13	<=30	Pass
		25	0	18.60	0.32	18.92	<=30	Pass
			13	18.57	0.32	18.89	<=30	Pass
			25	18.48	0.32	18.80	<=30	Pass
		50	0	18.50	0.32	18.82	<=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	19.46	0.32	19.78	<=30	Pass
			38	19.92	0.32	20.24	<=30	Pass
			74	19.80	0.32	20.12	<=30	Pass
		36	0	18.76	0.32	19.08	<=30	Pass
			18	18.93	0.32	19.25	<=30	Pass
			39	18.99	0.32	19.31	<=30	Pass
		75	0	18.91	0.32	19.23	<=30	Pass
	1745	1	0	19.64	0.32	19.96	<=30	Pass
			38	19.91	0.32	20.23	<=30	Pass
			74	20.01	0.32	20.33	<=30	Pass
		36	0	18.87	0.32	19.19	<=30	Pass
			18	18.97	0.32	19.29	<=30	Pass
			39	19.05	0.32	19.37	<=30	Pass
		75	0	18.97	0.32	19.29	<=30	Pass
	1772.5	1	0	20.43	0.32	20.75	<=30	Pass

			38	20.53	0.32	20.85	<=30	Pass
			74	20.25	0.32	20.57	<=30	Pass
		36	0	19.62	0.32	19.94	<=30	Pass
			18	19.59	0.32	19.91	<=30	Pass
			39	19.51	0.32	19.83	<=30	Pass
		75	0	19.59	0.32	19.91	<=30	Pass
16QAM	1717.5	1	0	18.80	0.32	19.12	<=30	Pass
			38	19.24	0.32	19.56	<=30	Pass
			74	19.24	0.32	19.56	<=30	Pass
		36	0	17.69	0.32	18.01	<=30	Pass
			18	17.91	0.32	18.23	<=30	Pass
			39	17.94	0.32	18.26	<=30	Pass
		75	0	17.85	0.32	18.17	<=30	Pass
	1745	1	0	18.81	0.32	19.13	<=30	Pass
			38	19.04	0.32	19.36	<=30	Pass
			74	19.16	0.32	19.48	<=30	Pass
		36	0	17.86	0.32	18.18	<=30	Pass
			18	17.94	0.32	18.26	<=30	Pass
			39	17.96	0.32	18.28	<=30	Pass
		75	0	17.95	0.32	18.27	<=30	Pass
	1772.5	1	0	19.96	0.32	20.28	<=30	Pass
			38	20.00	0.32	20.32	<=30	Pass
			74	19.70	0.32	20.02	<=30	Pass
		36	0	18.62	0.32	18.94	<=30	Pass
			18	18.61	0.32	18.93	<=30	Pass
			39	18.45	0.32	18.77	<=30	Pass
		75	0	18.57	0.32	18.89	<=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 (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	19.28	0.32	19.60	<=30	Pass
			50	20.08	0.32	20.40	<=30	Pass
			99	19.62	0.32	19.94	<=30	Pass
		50	0	18.80	0.32	19.12	<=30	Pass
			25	18.99	0.32	19.31	<=30	Pass
			50	18.98	0.32	19.30	<=30	Pass
		100	0	18.87	0.32	19.19	<=30	Pass
	1745	1	0	19.50	0.32	19.82	<=30	Pass
			50	20.05	0.32	20.37	<=30	Pass
			99	20.06	0.32	20.38	<=30	Pass
		50	0	18.83	0.32	19.15	<=30	Pass
			25	18.94	0.32	19.26	<=30	Pass
			50	18.99	0.32	19.31	<=30	Pass
		100	0	18.90	0.32	19.22	<=30	Pass
	1770	1	0	20.22	0.32	20.54	<=30	Pass
			50	20.69	0.32	21.01	<=30	Pass
			99	20.08	0.32	20.40	<=30	Pass
		50	0	19.63	0.32	19.95	<=30	Pass
			25	19.58	0.32	19.90	<=30	Pass
			50	19.36	0.32	19.68	<=30	Pass
		100	0	19.50	0.32	19.82	<=30	Pass

16QAM	1720	1	0	18.82	0.32	19.14	<=30	Pass
			50	19.69	0.32	20.01	<=30	Pass
			99	19.22	0.32	19.54	<=30	Pass
		50	0	17.83	0.32	18.15	<=30	Pass
			25	17.95	0.32	18.27	<=30	Pass
			50	17.97	0.32	18.29	<=30	Pass
		100	0	17.93	0.32	18.25	<=30	Pass
	1745	1	0	18.72	0.32	19.04	<=30	Pass
			50	19.18	0.32	19.50	<=30	Pass
			99	19.22	0.32	19.54	<=30	Pass
		50	0	17.80	0.32	18.12	<=30	Pass
			25	17.88	0.32	18.20	<=30	Pass
			50	17.96	0.32	18.28	<=30	Pass
		100	0	17.90	0.32	18.22	<=30	Pass
	1770	1	0	19.48	0.32	19.80	<=30	Pass
			50	19.92	0.32	20.24	<=30	Pass
			99	19.29	0.32	19.61	<=30	Pass
		50	0	18.59	0.32	18.91	<=30	Pass
			25	18.54	0.32	18.86	<=30	Pass
			50	18.40	0.32	18.72	<=30	Pass
		100	0	18.53	0.32	18.85	<=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	0.830	0.0005	-2.5 to 2.5	Pass
					3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.093	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-15.593	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-8.154	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-6.852	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				40	3.85	6.251	0.0037	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-9.871	-0.0057	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	2.718	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-9.227	-0.0053	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-13.533	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-13.261	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-11.630	-0.0065	-2.5 to 2.5	Pass
					3.85	-12.016	-0.0068	-2.5 to 2.5	Pass

					4.43	-12.846	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-9.584	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-11.544	-0.0065	-2.5 to 2.5	Pass
				40	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				50	3.85	-12.231	-0.0069	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-9.613	-0.0056	-2.5 to 2.5	Pass
					3.85	1.159	0.0007	-2.5 to 2.5	Pass
					4.43	1.373	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-13.518	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-6.824	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0020	-2.5 to 2.5	Pass
				10	3.85	2.489	0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.519	0.0021	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0015	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-2.289	-0.0013	-2.5 to 2.5	Pass
					3.85	5.007	0.0029	-2.5 to 2.5	Pass
					4.43	1.559	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				0	3.85	5.379	0.0031	-2.5 to 2.5	Pass
				10	3.85	-8.326	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-8.025	-0.0046	-2.5 to 2.5	Pass
				40	3.85	6.437	0.0037	-2.5 to 2.5	Pass
				50	3.85	-12.746	-0.0073	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	1.316	0.0007	-2.5 to 2.5	Pass
					3.85	-9.513	-0.0053	-2.5 to 2.5	Pass
					4.43	0.916	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-9.298	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				10	3.85	-7.739	-0.0043	-2.5 to 2.5	Pass
				30	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				40	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				50	3.85	-15.063	-0.0085	-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	-4.935	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0029	-2.5 to 2.5	Pass
					4.43	-8.440	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-7.997	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-10.157	-0.0059	-2.5 to 2.5	Pass

				10	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-53.530	-0.0313	-2.5 to 2.5	Pass
				40	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.622	-0.0033	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-1.001	-0.0006	-2.5 to 2.5	Pass
					3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
					4.43	-12.159	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				-20	3.85	5.665	0.0032	-2.5 to 2.5	Pass
				-10	3.85	3.047	0.0017	-2.5 to 2.5	Pass
				0	3.85	-9.041	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				30	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.809	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-13.361	-0.0077	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-5.879	-0.0033	-2.5 to 2.5	Pass
					3.85	-4.292	-0.0024	-2.5 to 2.5	Pass
					4.43	2.518	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-9.241	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-11.215	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-7.482	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-8.898	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-7.825	-0.0044	-2.5 to 2.5	Pass
				40	3.85	4.120	0.0023	-2.5 to 2.5	Pass
				50	3.85	-8.254	-0.0046	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-0.343	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.704	-0.0016	-2.5 to 2.5	Pass
					4.43	-10.471	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-10.114	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-12.131	-0.0071	-2.5 to 2.5	Pass
				10	3.85	6.709	0.0039	-2.5 to 2.5	Pass
				30	3.85	-6.466	-0.0038	-2.5 to 2.5	Pass
				40	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				50	3.85	3.748	0.0022	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-0.744	-0.0004	-2.5 to 2.5	Pass
					3.85	-12.188	-0.0070	-2.5 to 2.5	Pass
					4.43	3.948	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-13.247	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				10	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				40	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-6.180	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.576	-0.0020	-2.5 to 2.5	Pass
					4.43	3.405	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
				0	3.85	4.249	0.0024	-2.5 to 2.5	Pass
				10	3.85	-16.408	-0.0092	-2.5 to 2.5	Pass
				30	3.85	18.153	0.0102	-2.5 to 2.5	Pass
				40	3.85	-8.712	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-5.708	-0.0032	-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	1.431	0.0008	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.502	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-6.595	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-3.233	-0.0019	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
					4.43	2.475	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-13.361	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-9.599	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-13.518	-0.0077	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				10	3.85	-8.969	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
				50	3.85	0.887	0.0005	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-11.644	-0.0066	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
					4.43	-11.315	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0031	-2.5 to 2.5	Pass
				0	3.85	3.347	0.0019	-2.5 to 2.5	Pass
				10	3.85	-10.200	-0.0057	-2.5 to 2.5	Pass
				30	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				40	3.85	-9.127	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-4.463	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
					4.43	-6.952	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-12.074	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-11.358	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-7.968	-0.0047	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-2.246	-0.0013	-2.5 to 2.5	Pass
					3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
					4.43	5.021	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	0.243	0.0001	-2.5 to 2.5	Pass

				-10	3.85	-12.016	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass
				10	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				50	3.85	-8.755	-0.0050	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-10.958	-0.0062	-2.5 to 2.5	Pass
					3.85	-8.483	-0.0048	-2.5 to 2.5	Pass
					4.43	-2.317	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-7.267	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0024	-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	-11.201	-0.0065	-2.5 to 2.5	Pass
					3.85	-6.638	-0.0039	-2.5 to 2.5	Pass
					4.43	-9.184	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-8.497	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-9.913	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-5.064	-0.0030	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-4.220	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
					4.43	0.601	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				10	3.85	-9.542	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-9.227	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-5.150	-0.0029	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
					4.43	-4.277	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-6.294	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-6.623	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-13.061	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-9.871	-0.0056	-2.5 to 2.5	Pass

				50	3.85	-4.878	-0.0027	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-5.121	-0.0030	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
					4.43	-13.418	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-11.230	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-12.116	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-7.024	-0.0040	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
					4.43	-12.331	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-12.760	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-11.630	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-9.570	-0.0054	-2.5 to 2.5	Pass
					3.85	-12.131	-0.0068	-2.5 to 2.5	Pass
					4.43	-7.010	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-12.231	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-4.334	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-7.010	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-7.467	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.117	-0.0012	-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	-9.184	-0.0053	-2.5 to 2.5	Pass
					3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.794	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.755	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-5.937	-0.0034	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.349	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass

				-20	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-7.010	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-6.781	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-5.722	-0.0033	-2.5 to 2.5	Pass
					3.85	-9.813	-0.0057	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-9.656	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-8.883	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0040	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	2.518	0.0014	-2.5 to 2.5	Pass
					3.85	2.732	0.0016	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.939	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-8.597	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-7.253	-0.0041	-2.5 to 2.5	Pass
					3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
					4.43	-5.593	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-7.696	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.435	-0.0025	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.087	0.0006	-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	-8.841	-0.0051	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.133	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-10.200	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-8.039	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-8.926	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0040	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.186	-0.0001	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.967	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.044	0.0006	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-3.333	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-7.453	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-10.257	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-8.340	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-10.829	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-3.319	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
					4.43	-6.967	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-11.587	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-7.010	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-9.699	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-11.058	-0.0064	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	0.315	0.0002	-2.5 to 2.5	Pass
					4.43	-2.418	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-6.266	-0.0035	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0029	-2.5 to 2.5	Pass

					4.43	-9.570	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-7.253	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass

3. Modulation Characteristics

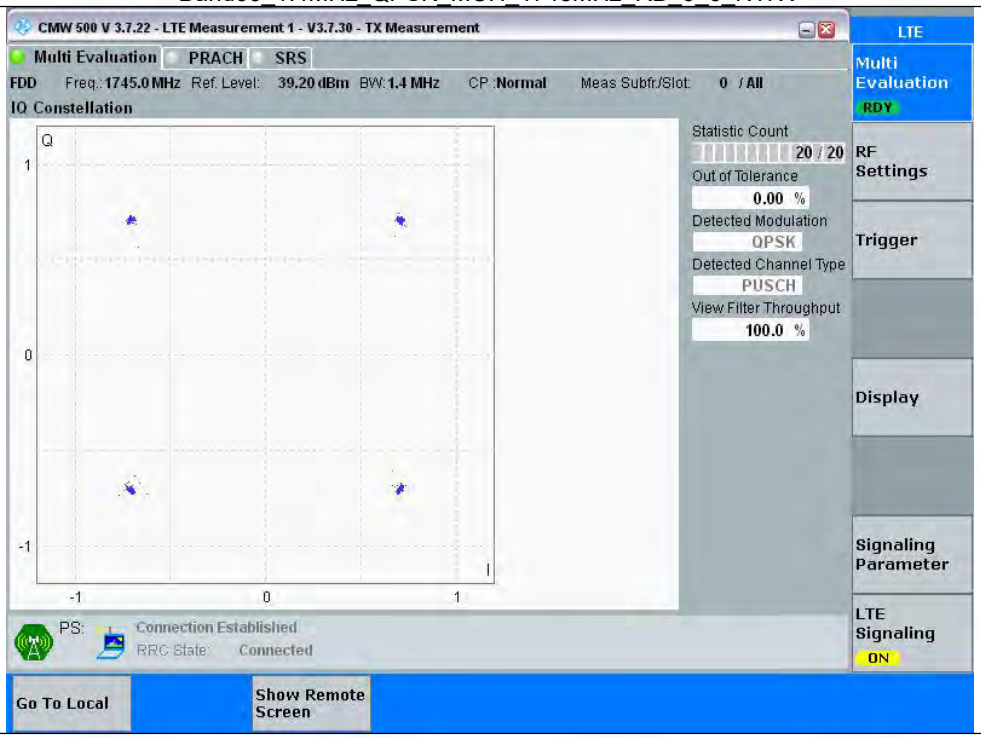
3.1 B66_1.4MHz

3.1.1 Test Result

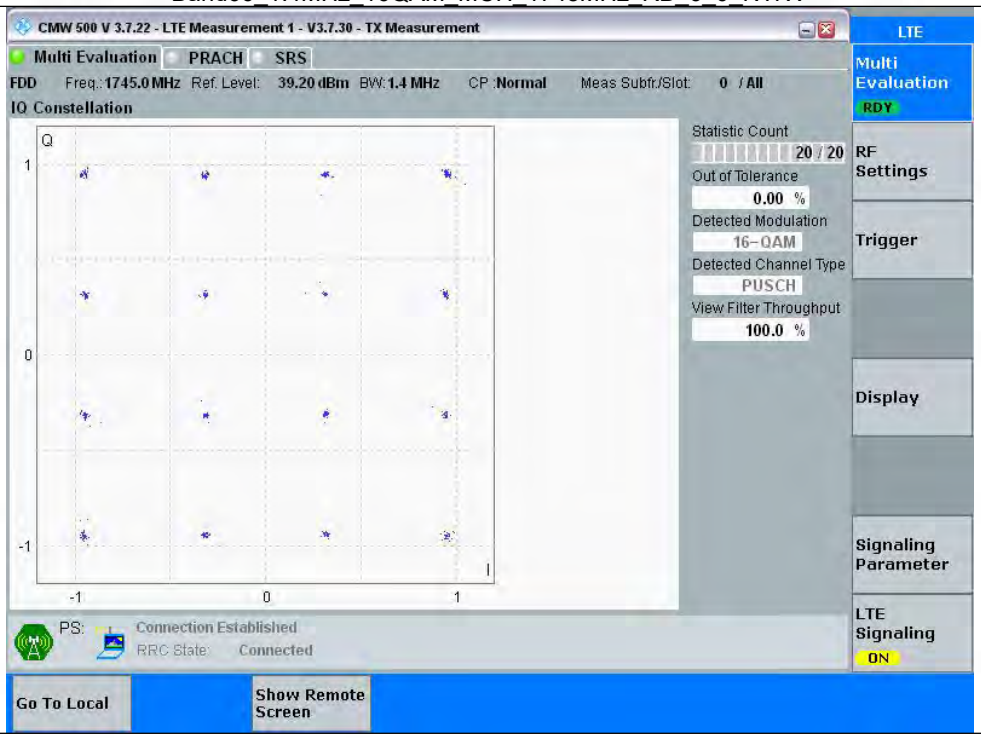
Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



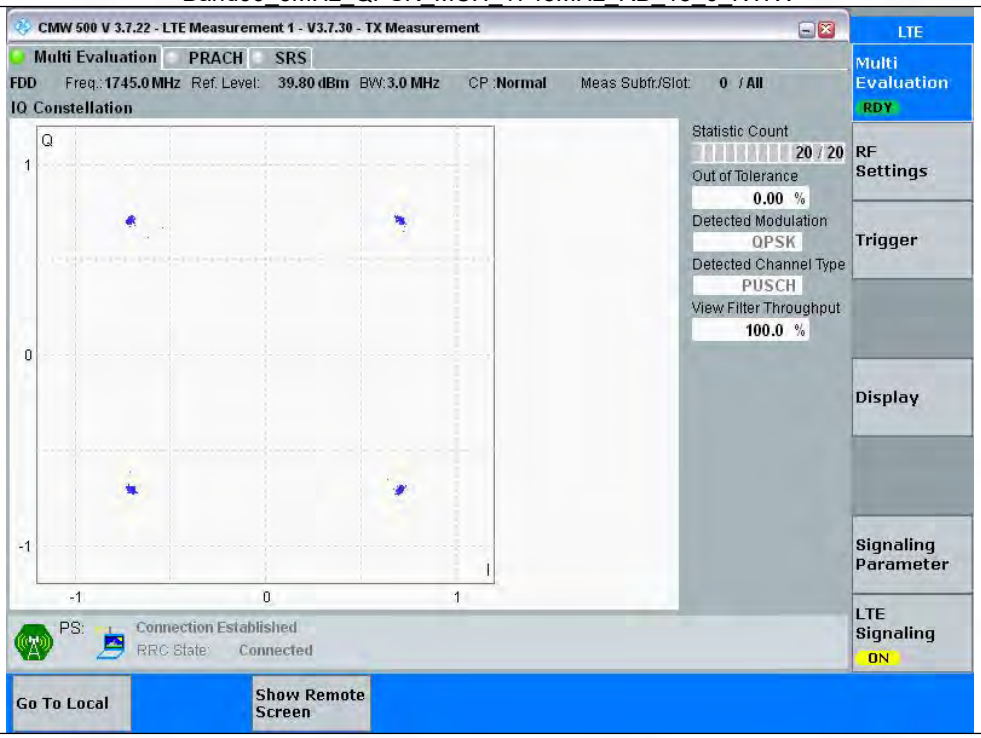
3.2 B66_3MHz

3.2.1 Test Result

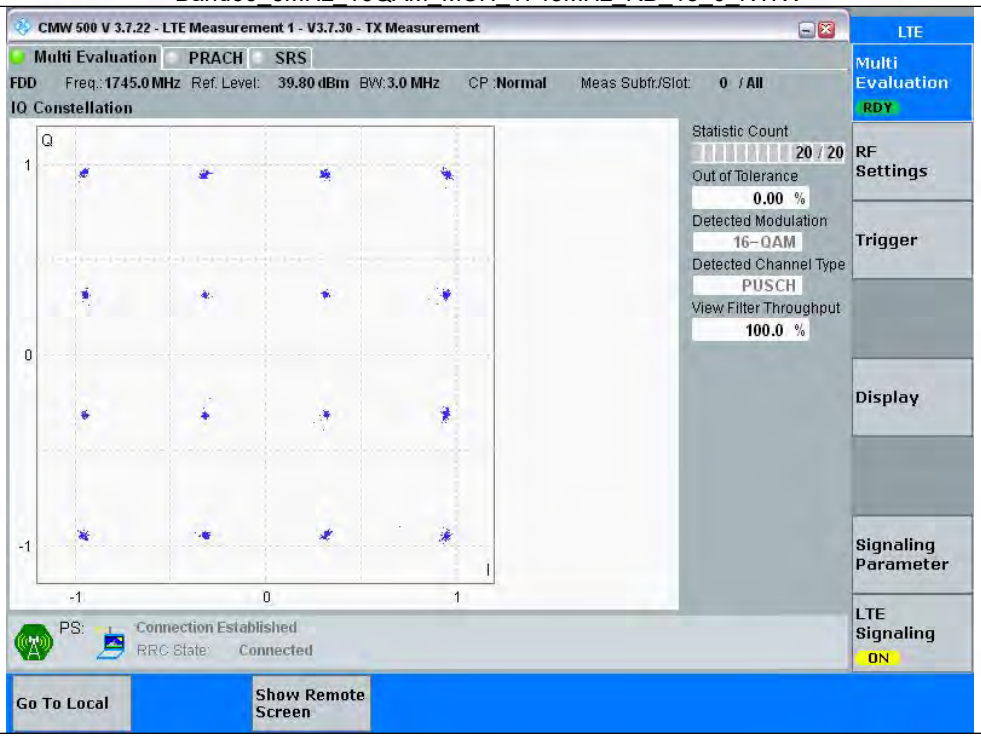
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



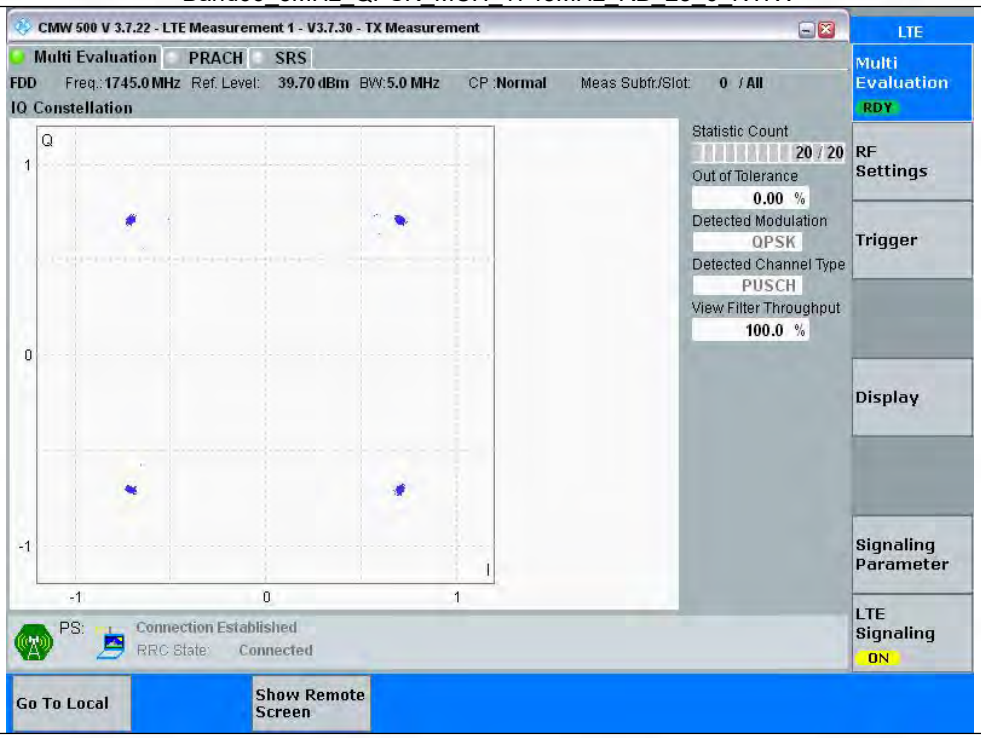
3.3 B66_5MHz

3.3.1 Test Result

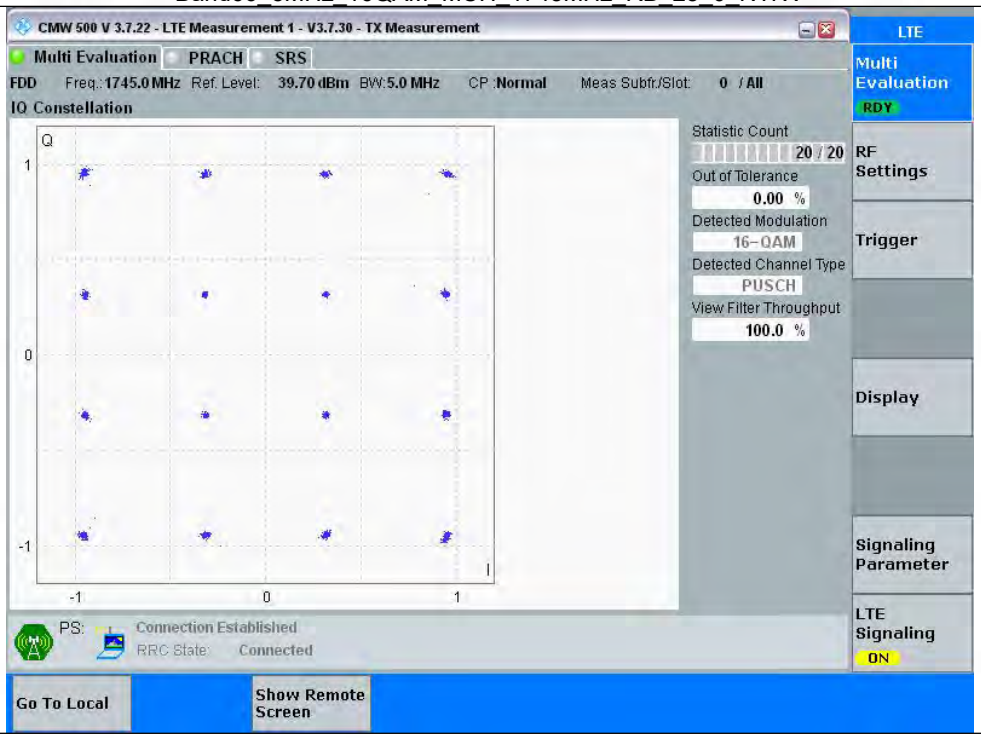
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



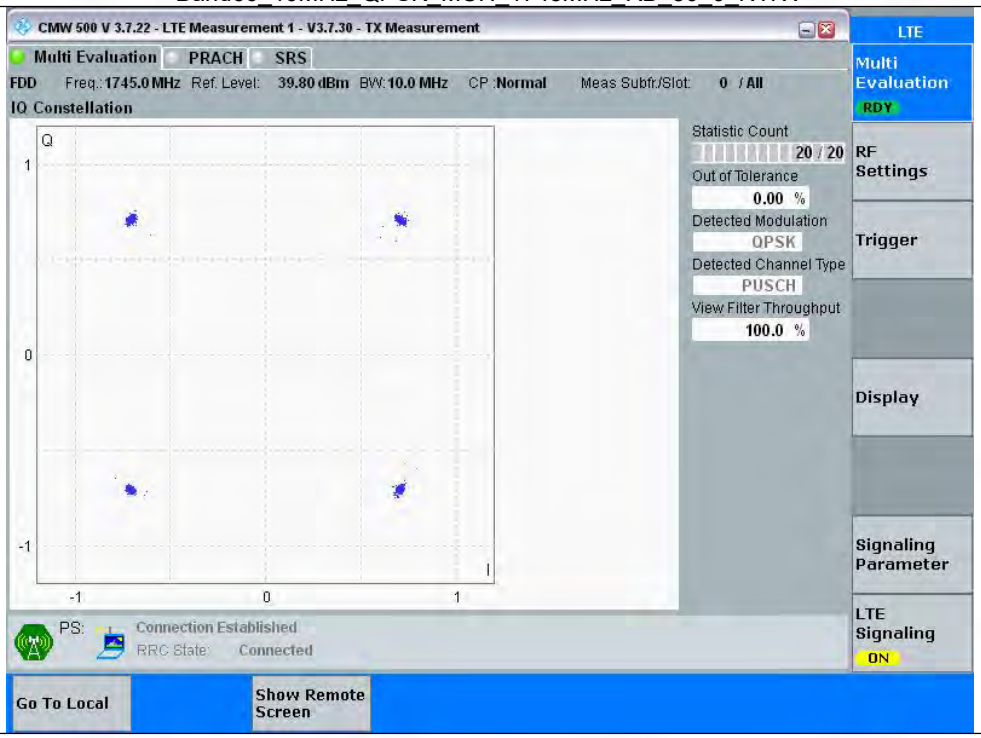
3.4 B66_10MHz

3.4.1 Test Result

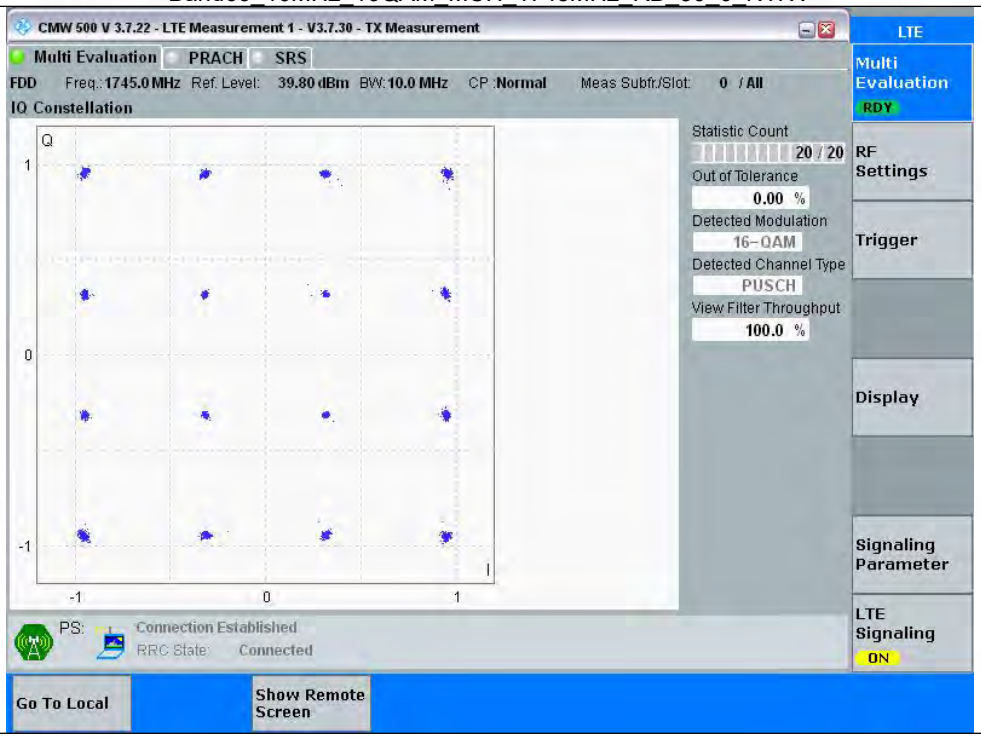
Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



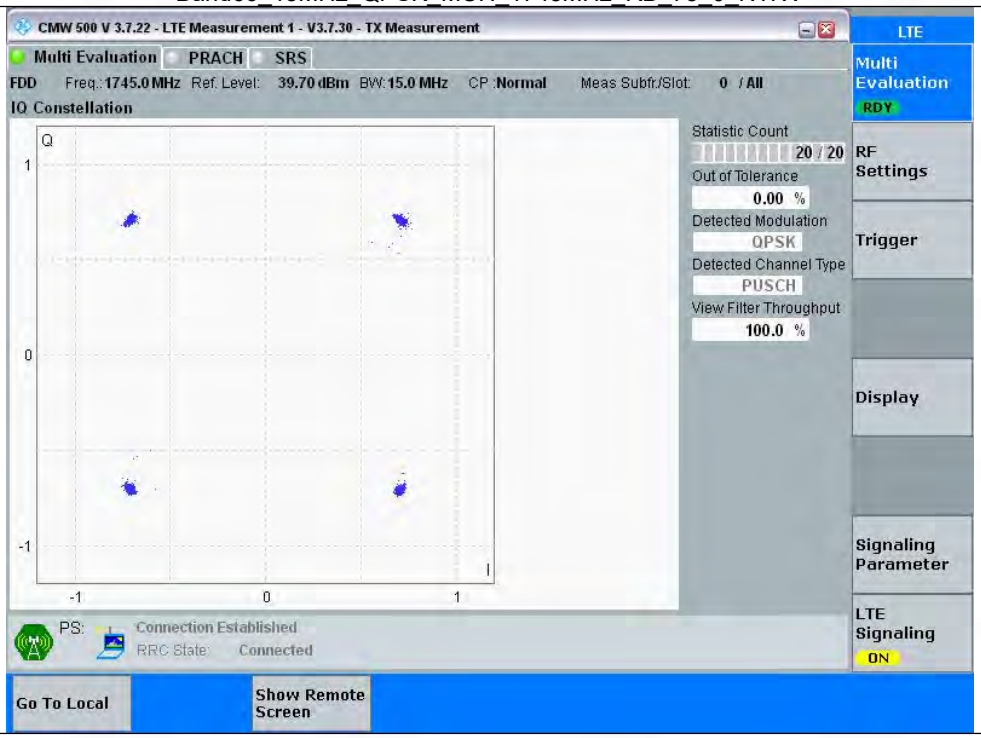
3.5 B66_15MHz

3.5.1 Test Result

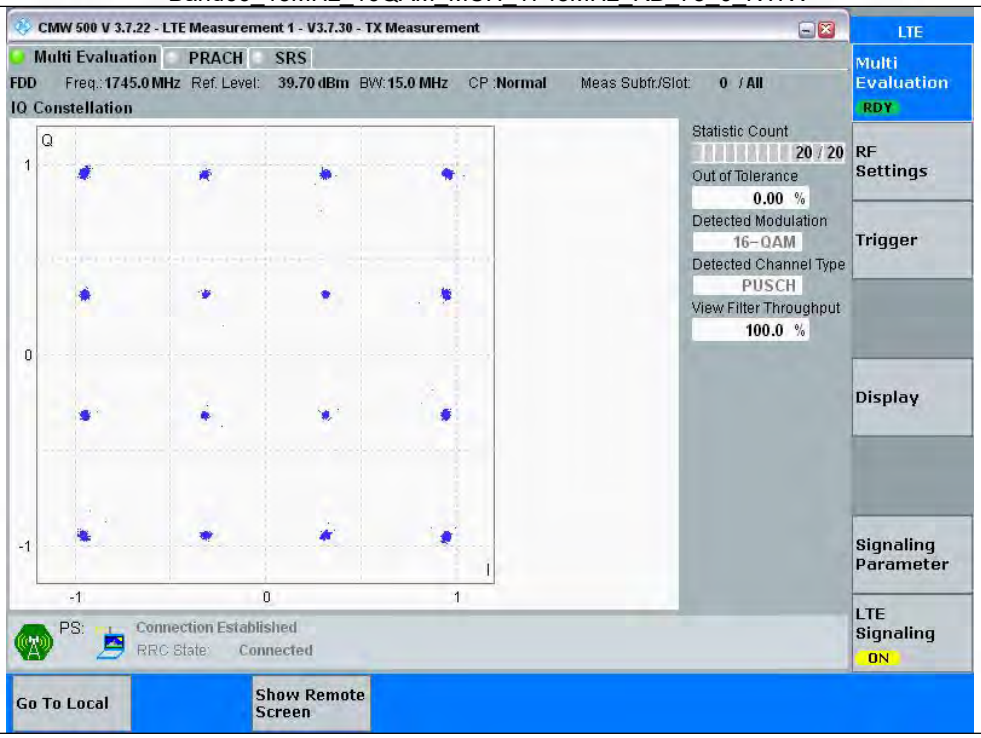
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



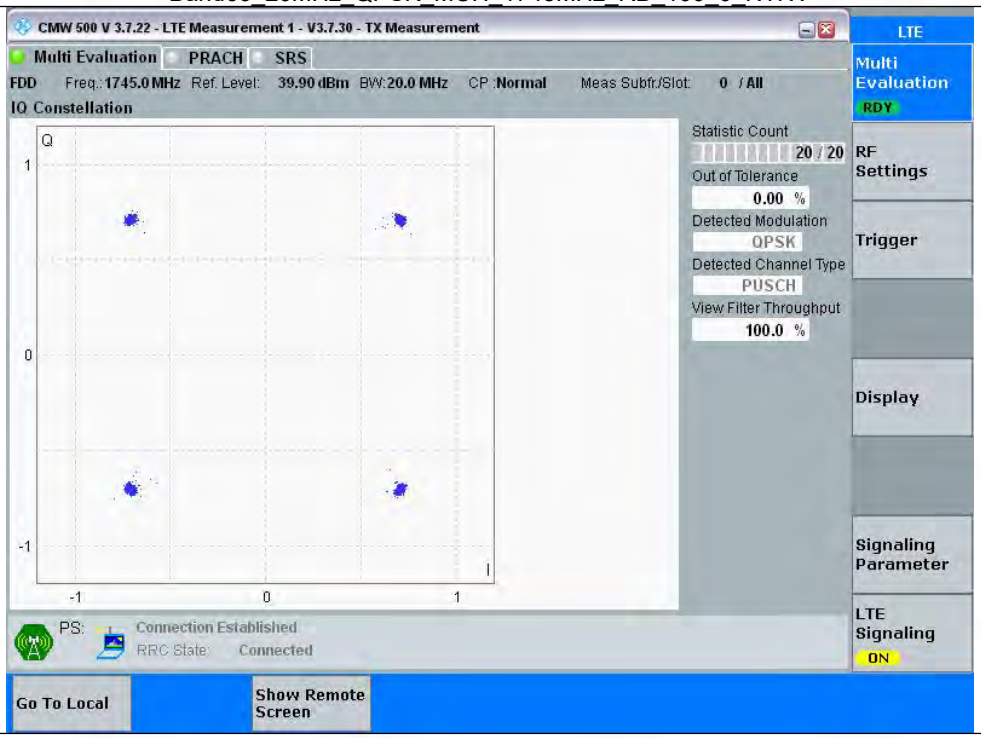
3.6 B66_20MHz

3.6.1 Test Result

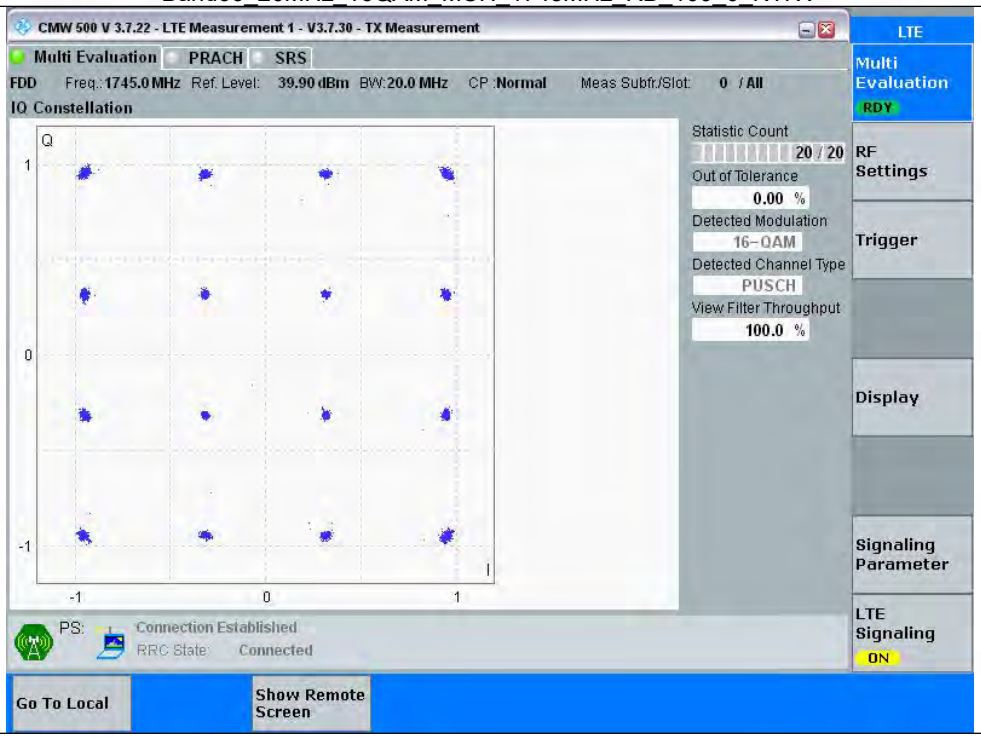
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

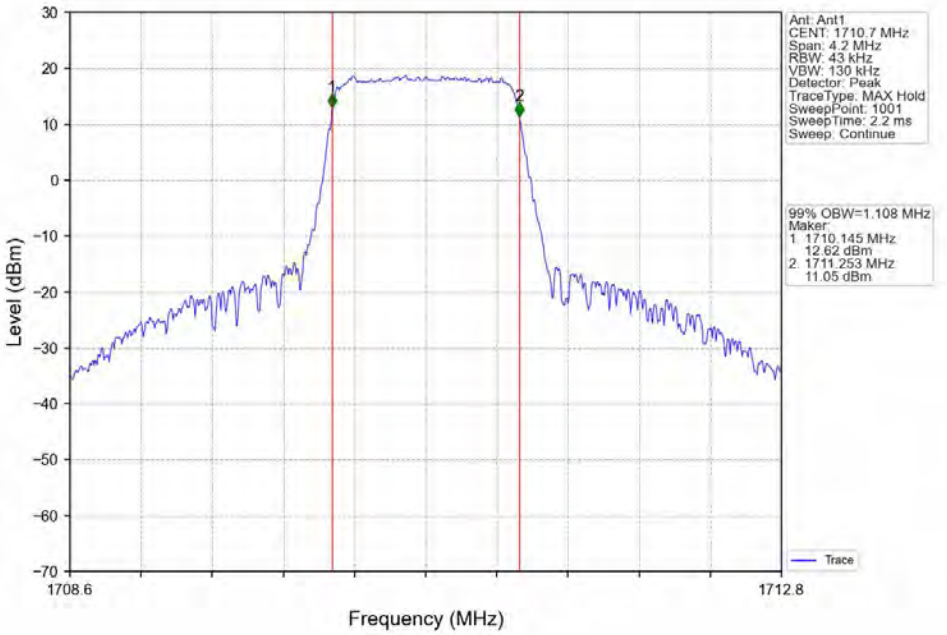
4.1 Band66_OBW

4.1.1 Test Result

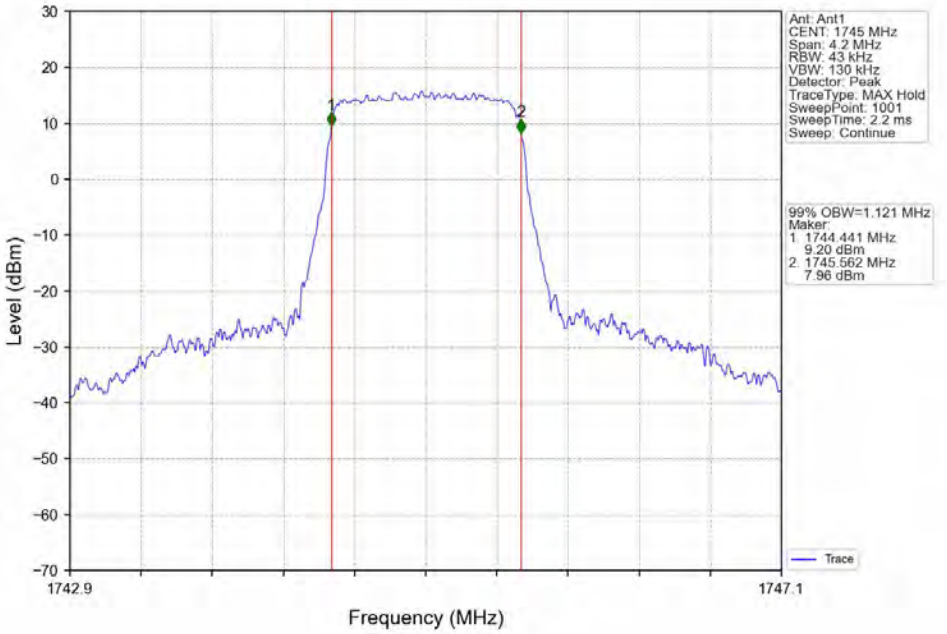
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.108	Pass
		1745	6	0	1.121	Pass
		1779.3	6	0	1.112	Pass
	16QAM	1710.7	6	0	1.118	Pass
		1745	6	0	1.106	Pass
		1779.3	6	0	1.104	Pass
3	QPSK	1711.5	15	0	2.724	Pass
		1745	15	0	2.726	Pass
		1778.5	15	0	2.726	Pass
	16QAM	1711.5	15	0	2.729	Pass
		1745	15	0	2.720	Pass
		1778.5	15	0	2.722	Pass
5	QPSK	1712.5	25	0	4.558	Pass
		1745	25	0	4.574	Pass
		1777.5	25	0	4.577	Pass
	16QAM	1712.5	25	0	4.557	Pass
		1745	25	0	4.612	Pass
		1777.5	25	0	4.576	Pass
10	QPSK	1715	50	0	9.075	Pass
		1745	50	0	9.063	Pass
		1775	50	0	9.113	Pass
	16QAM	1715	50	0	9.076	Pass
		1745	50	0	9.084	Pass
		1775	50	0	9.094	Pass
15	QPSK	1717.5	75	0	13.623	Pass
		1745	75	0	13.627	Pass
		1772.5	75	0	13.643	Pass
	16QAM	1717.5	75	0	13.670	Pass
		1745	75	0	13.661	Pass
		1772.5	75	0	13.592	Pass
20	QPSK	1720	100	0	18.187	Pass
		1745	100	0	18.139	Pass
		1770	100	0	18.127	Pass
	16QAM	1720	100	0	18.189	Pass
		1745	100	0	18.172	Pass
		1770	100	0	18.186	Pass

4.1.2 Test Graph

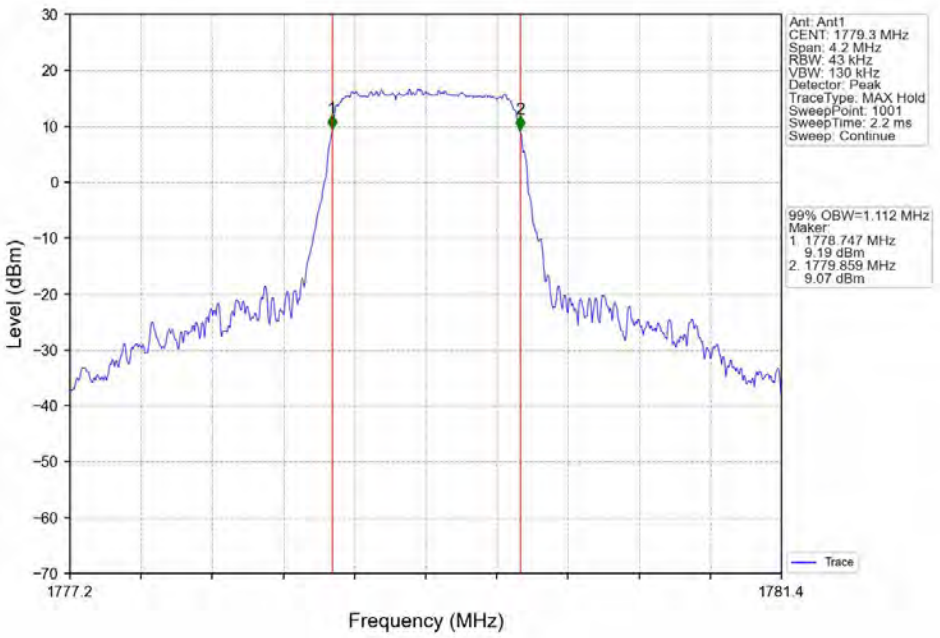
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



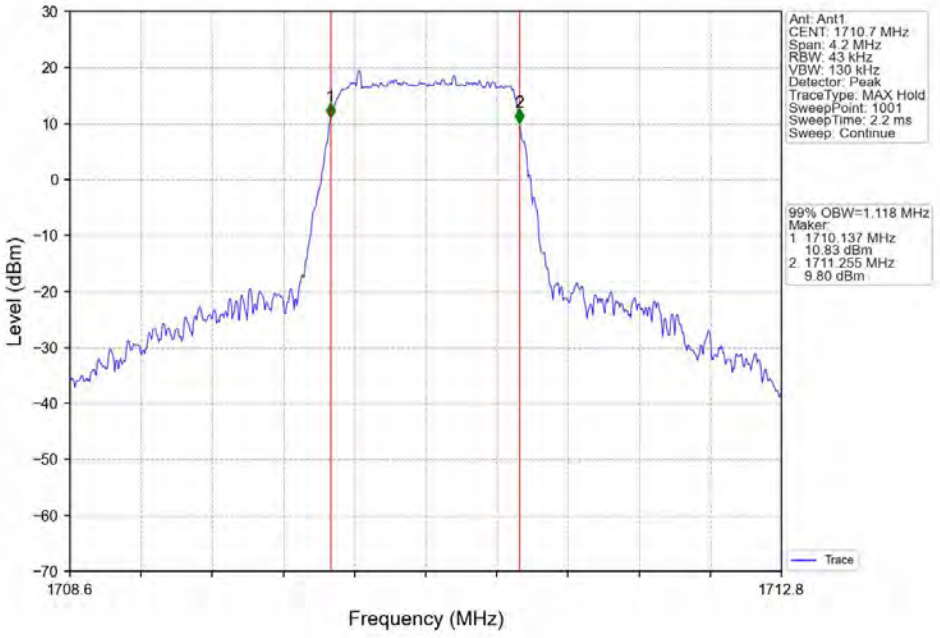
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



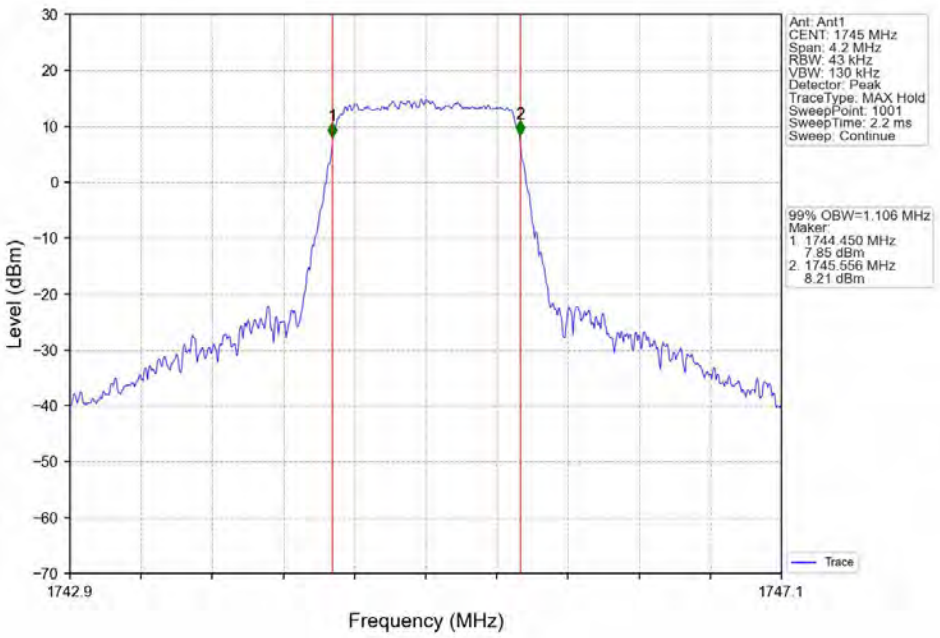
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



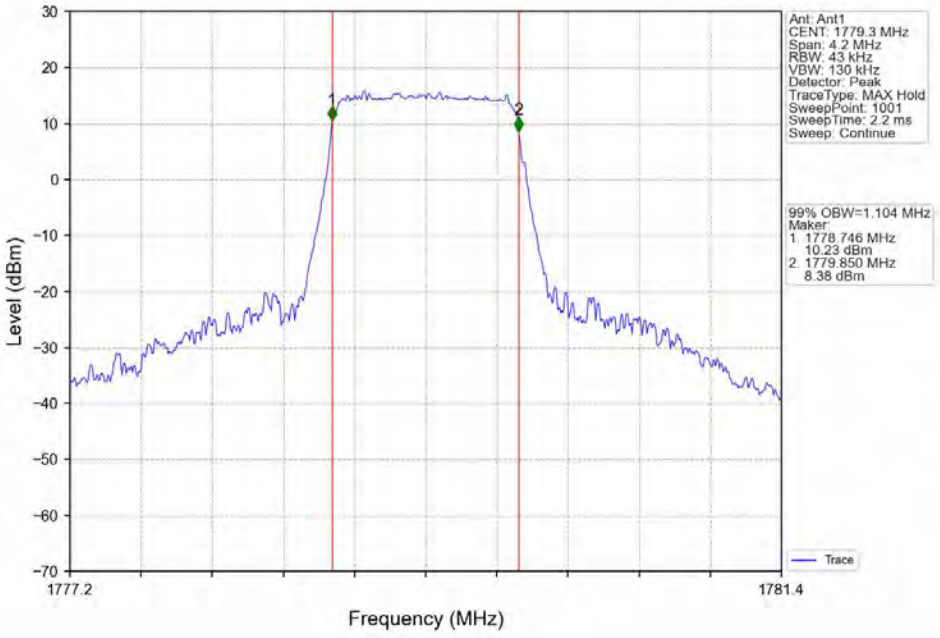
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



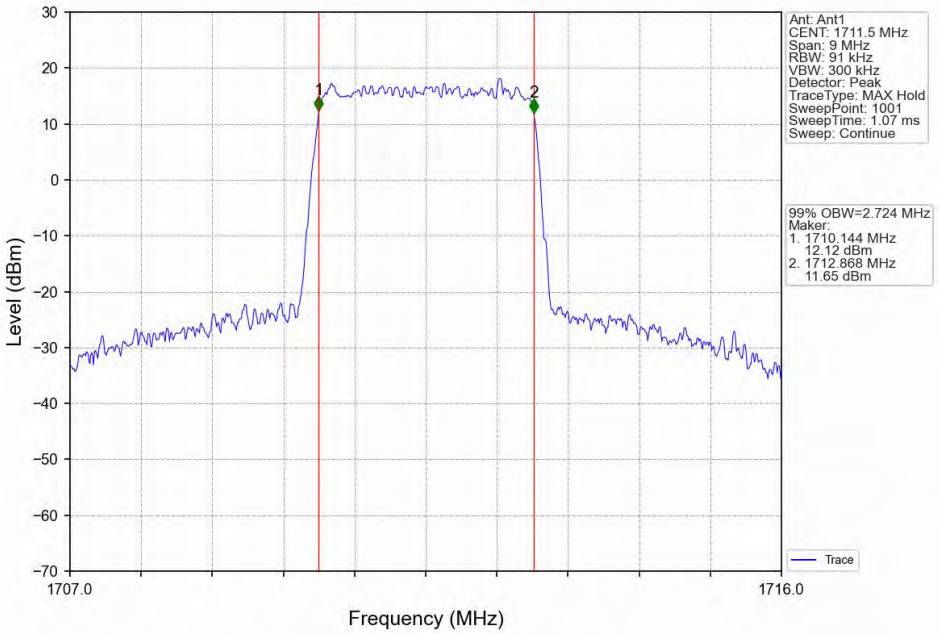
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



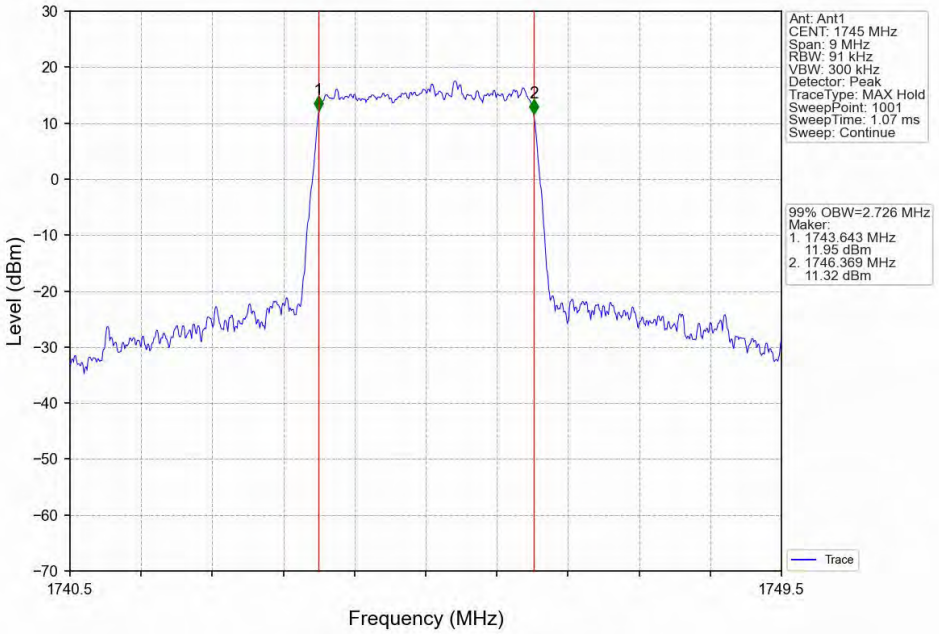
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



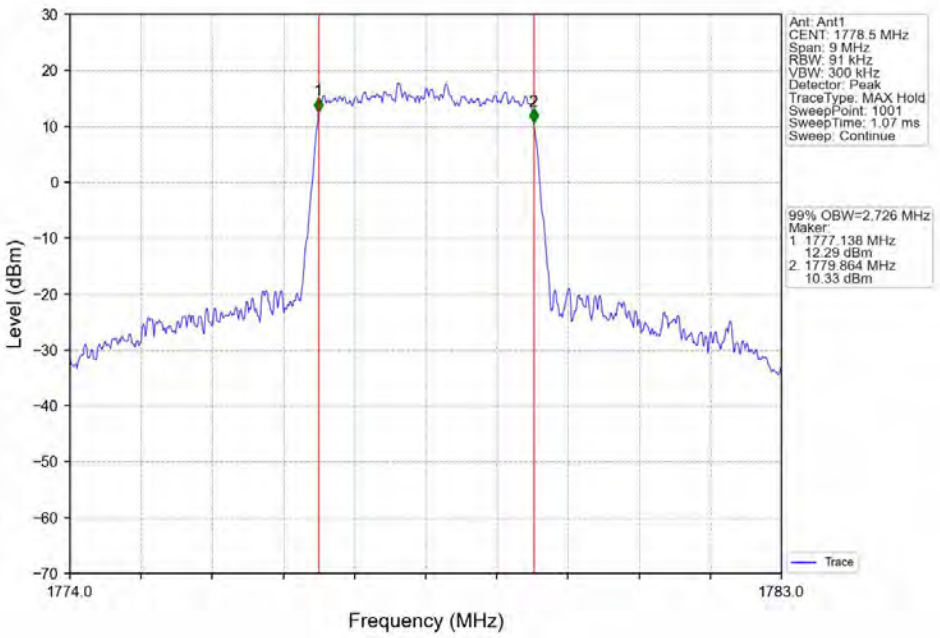
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



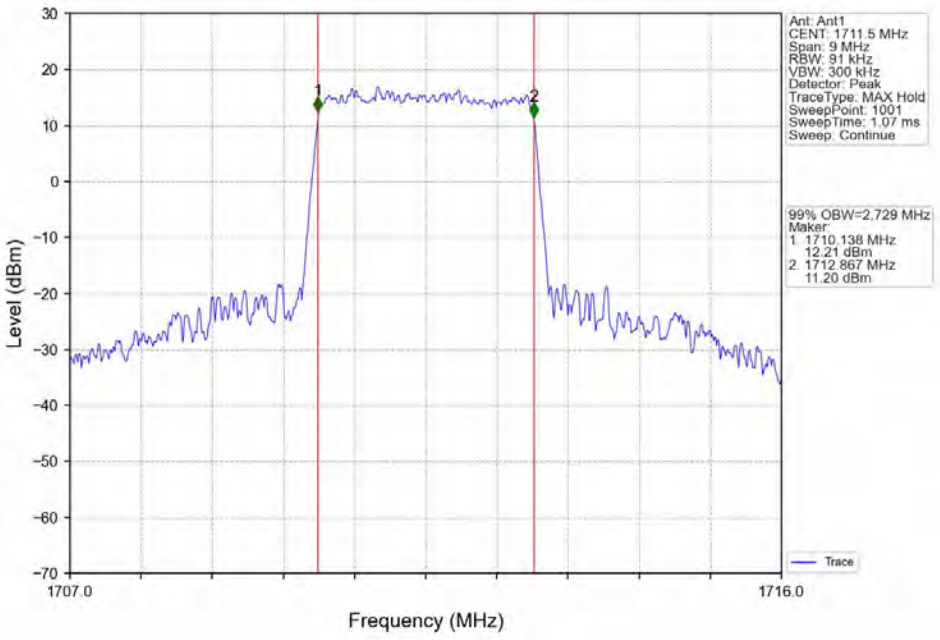
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



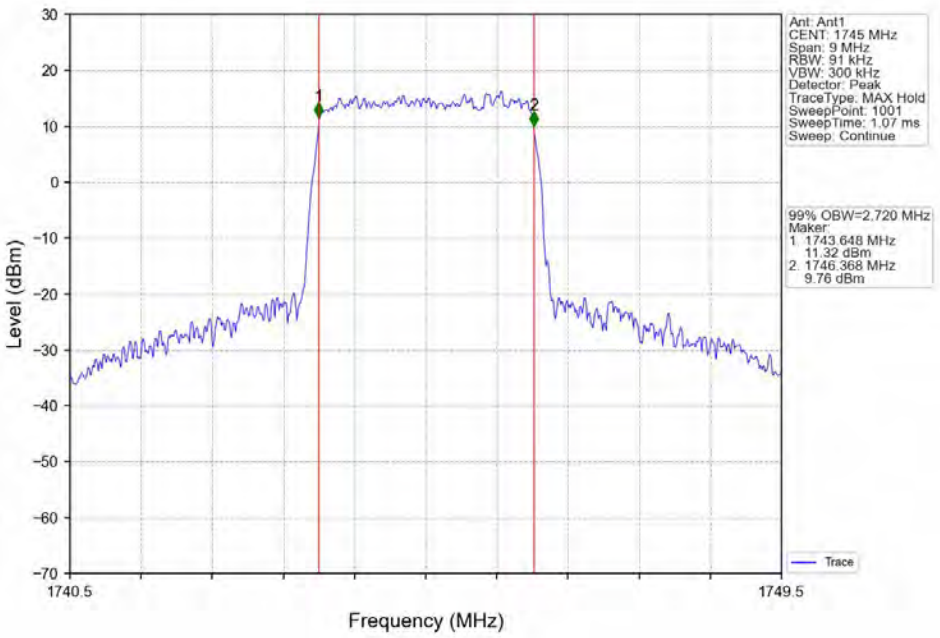
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



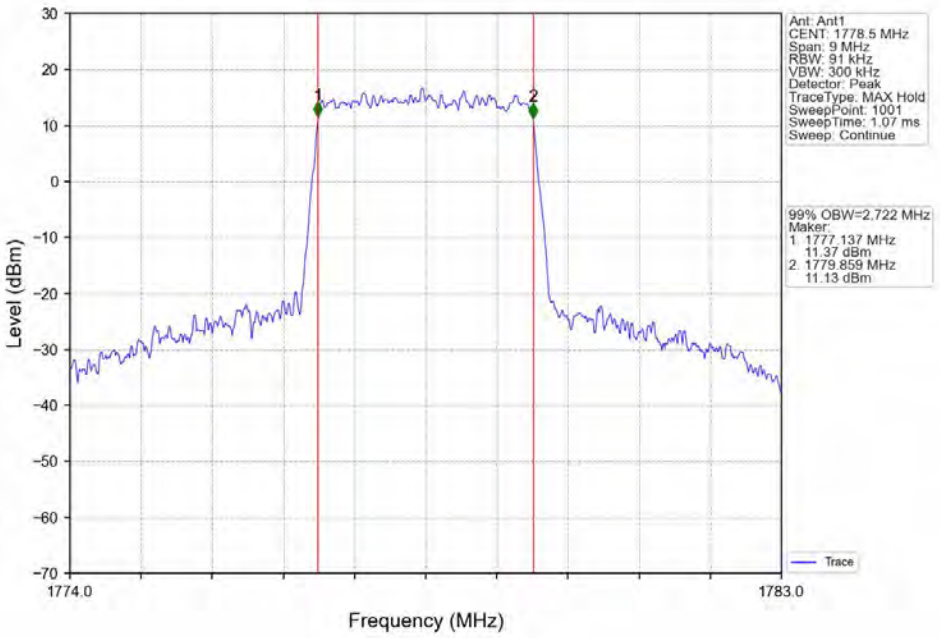
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



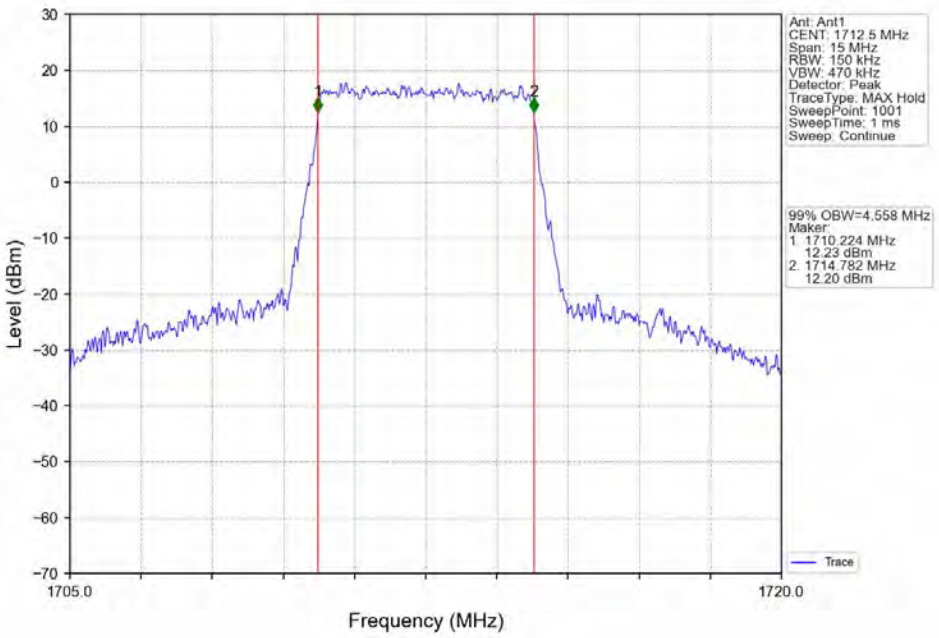
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



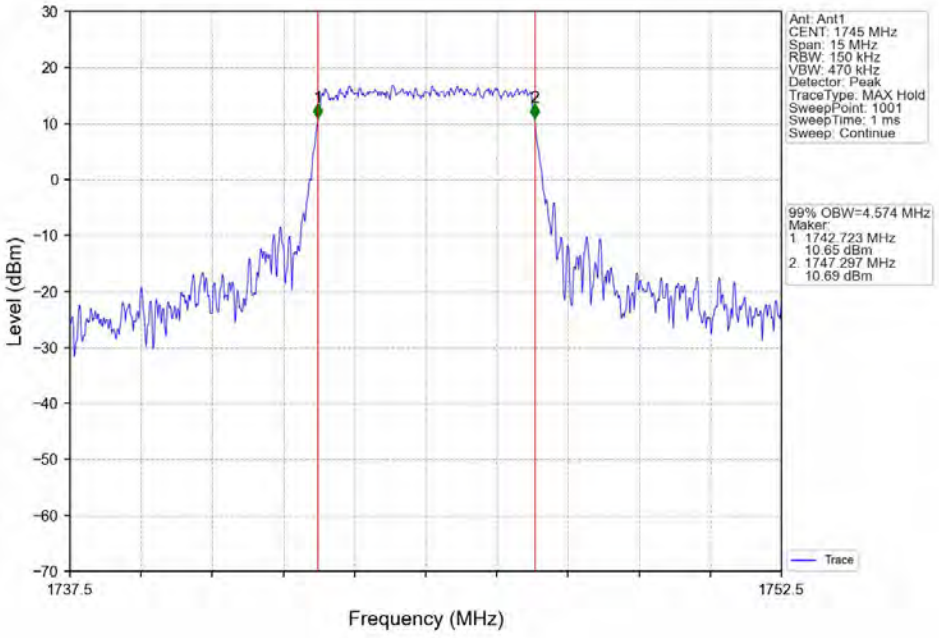
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



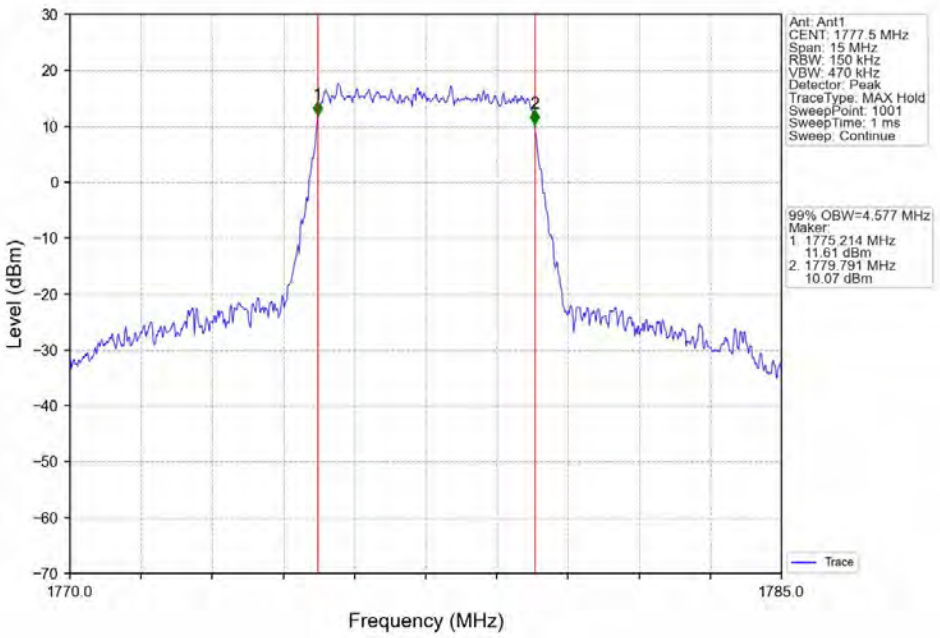
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



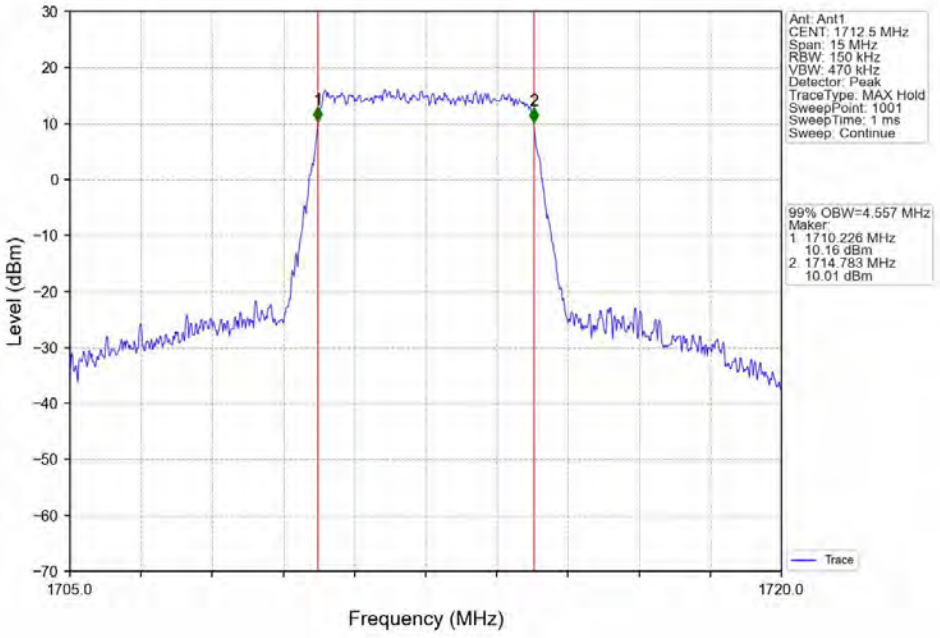
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



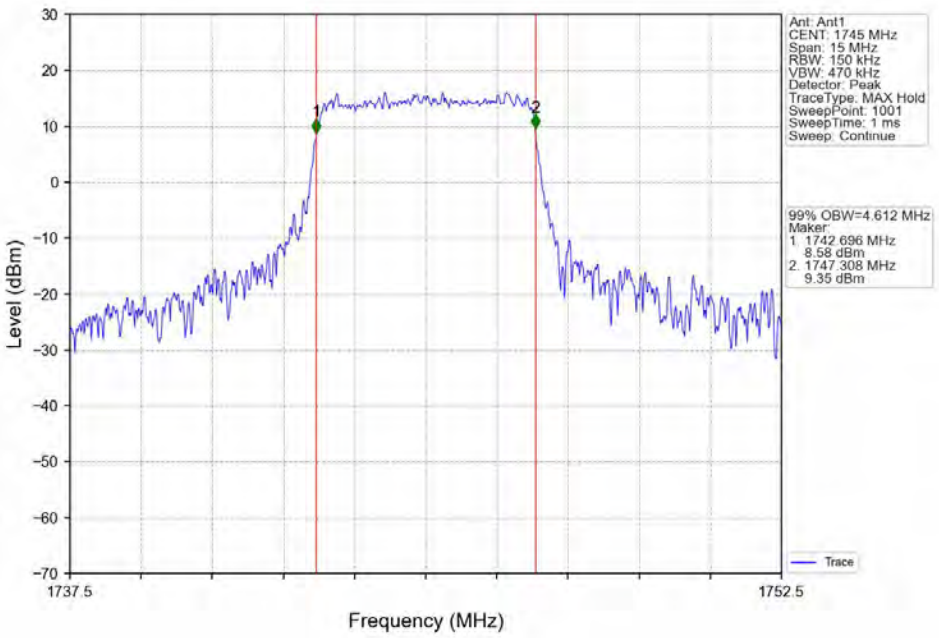
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



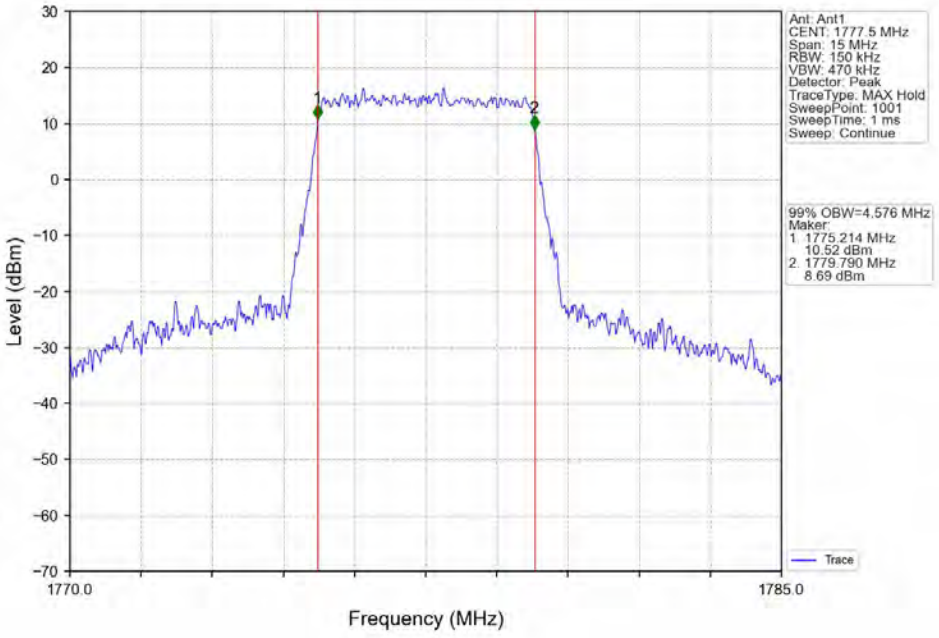
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



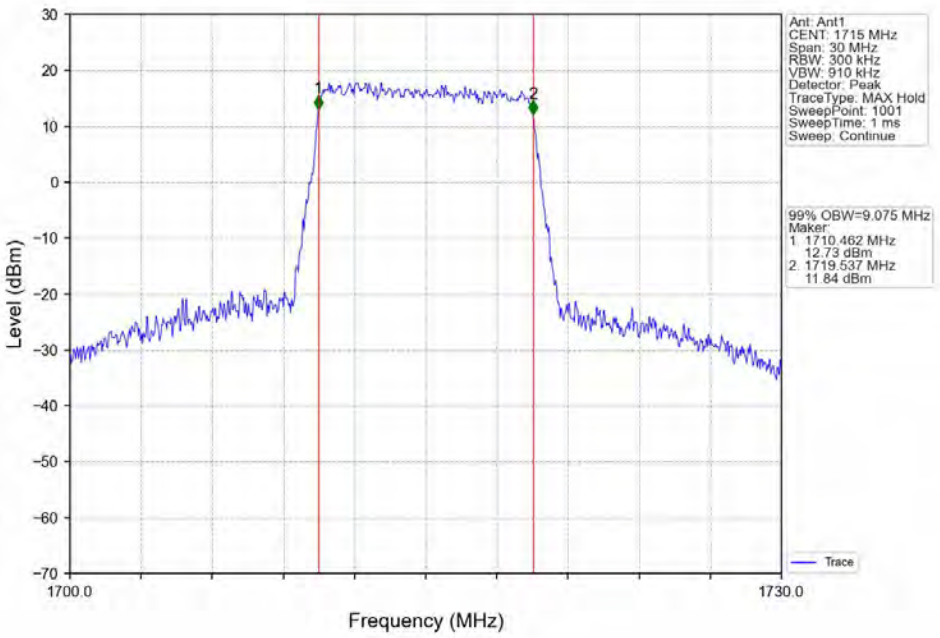
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



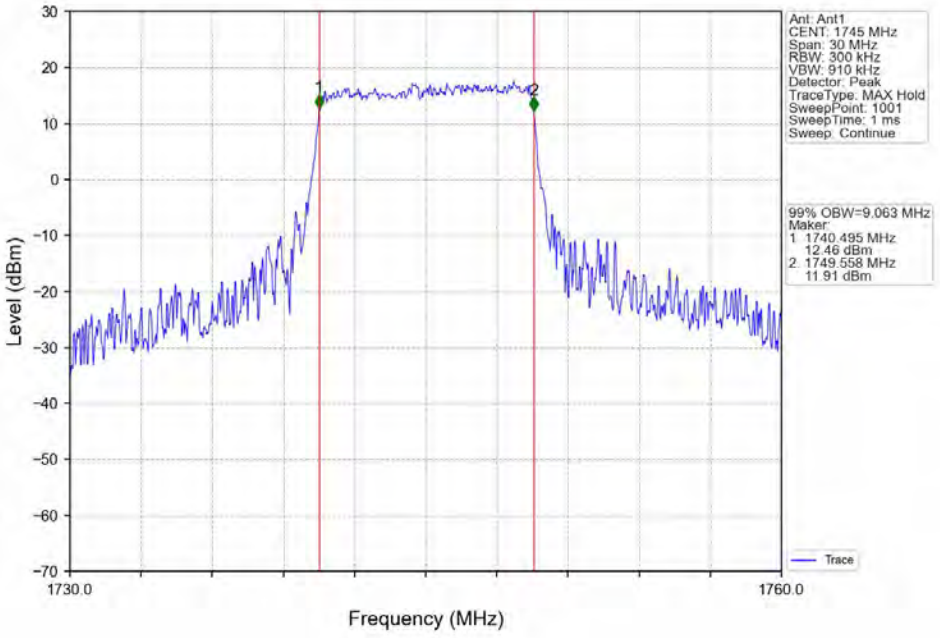
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



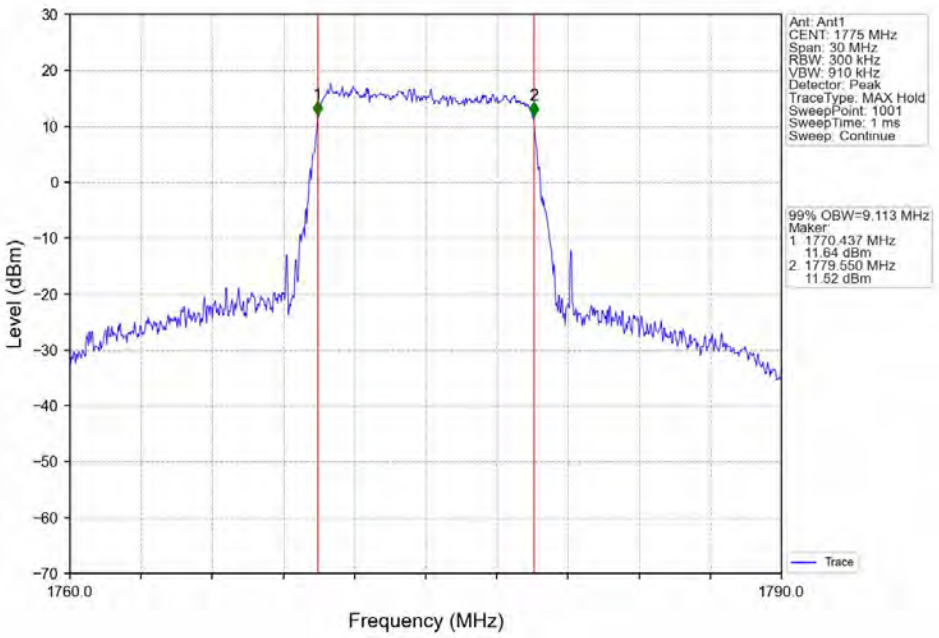
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



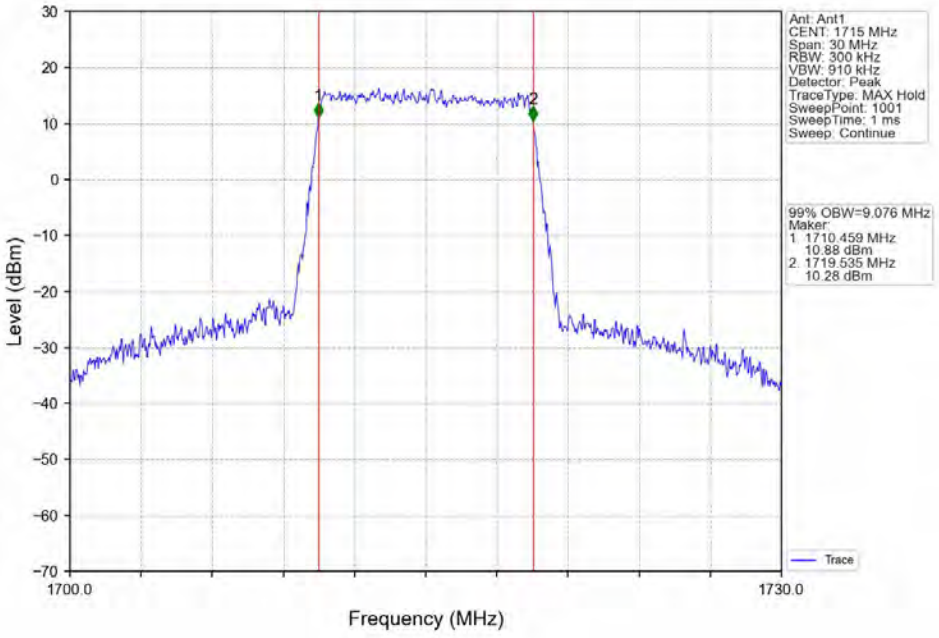
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



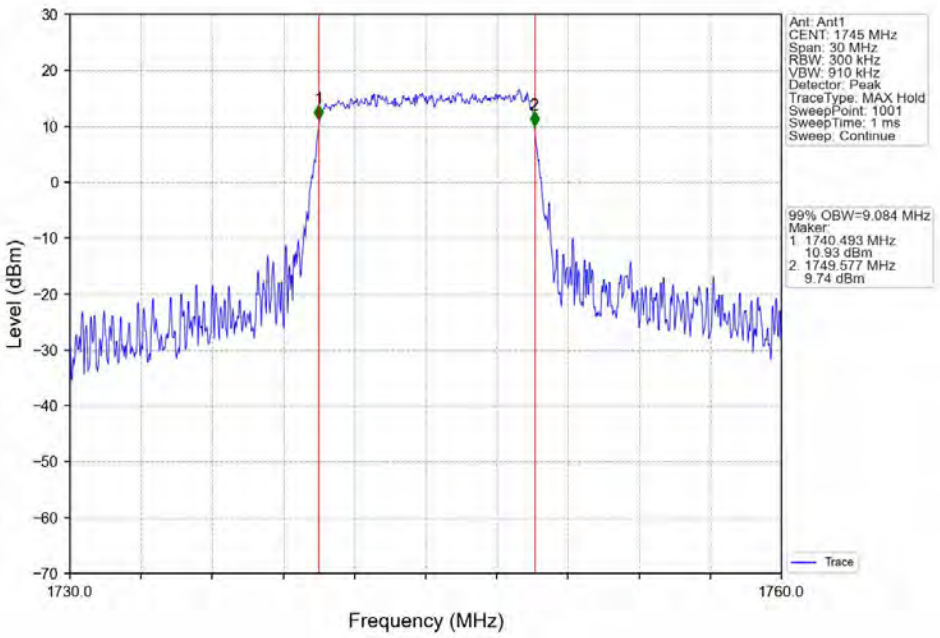
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



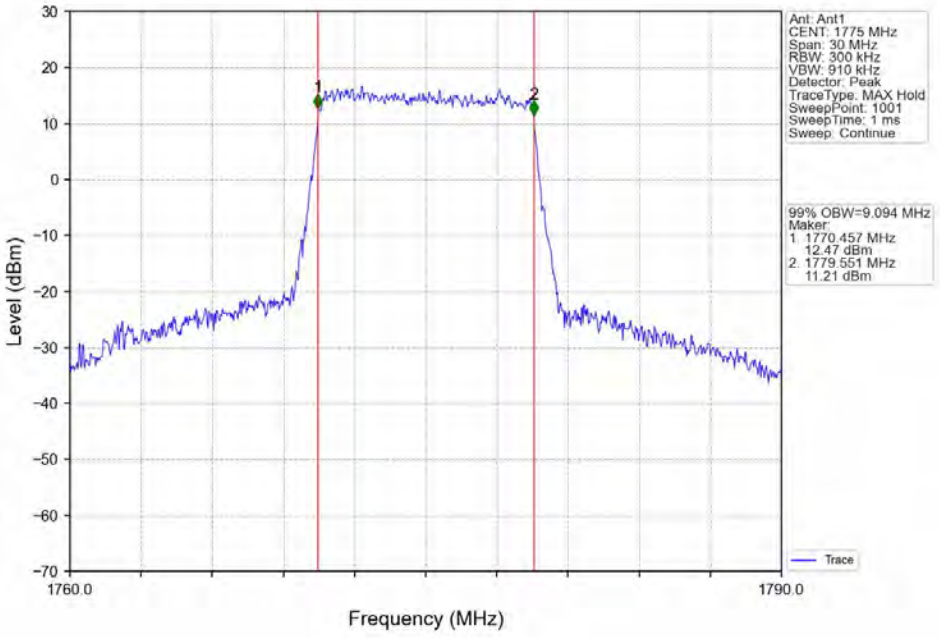
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



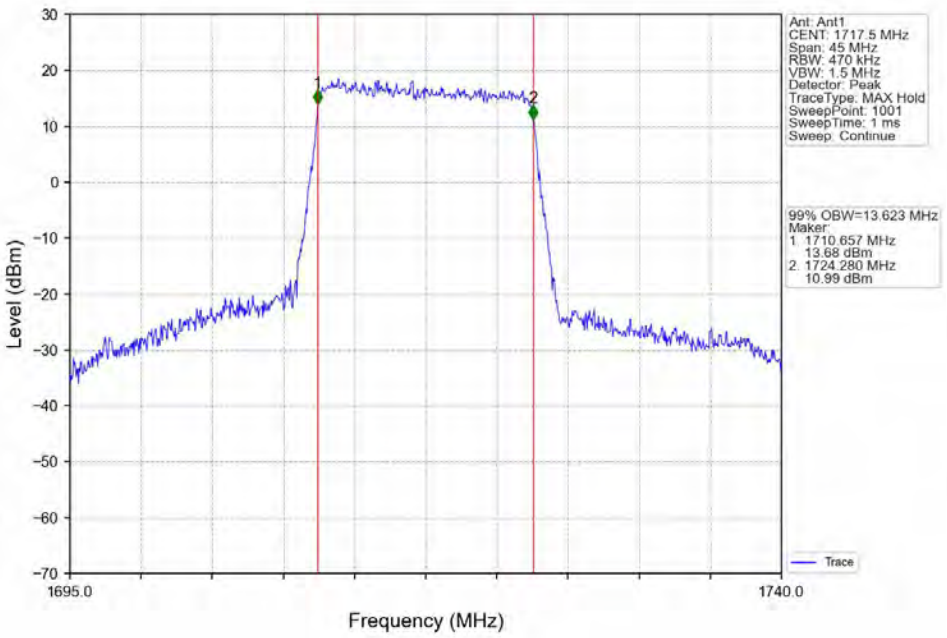
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



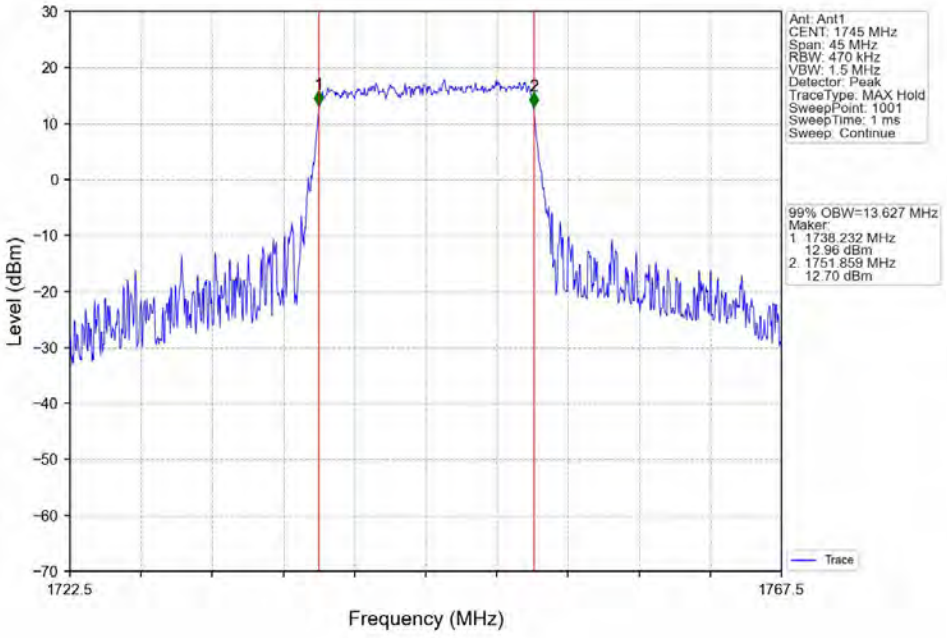
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



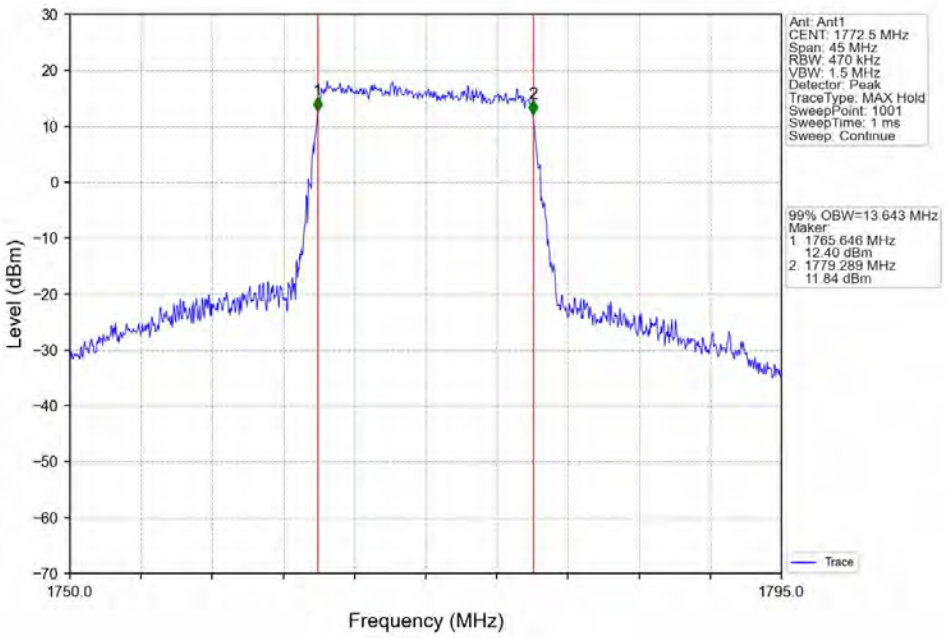
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



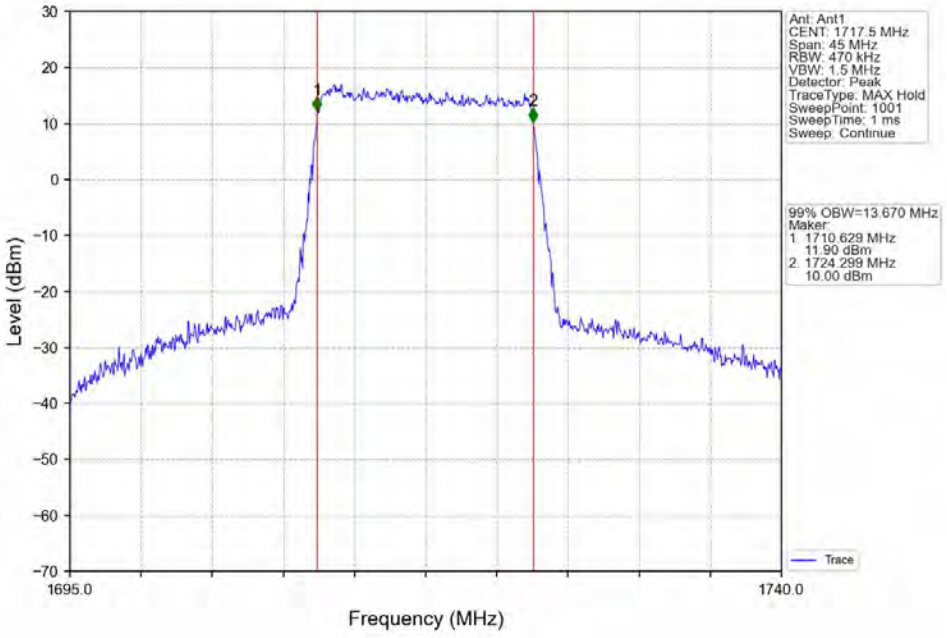
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



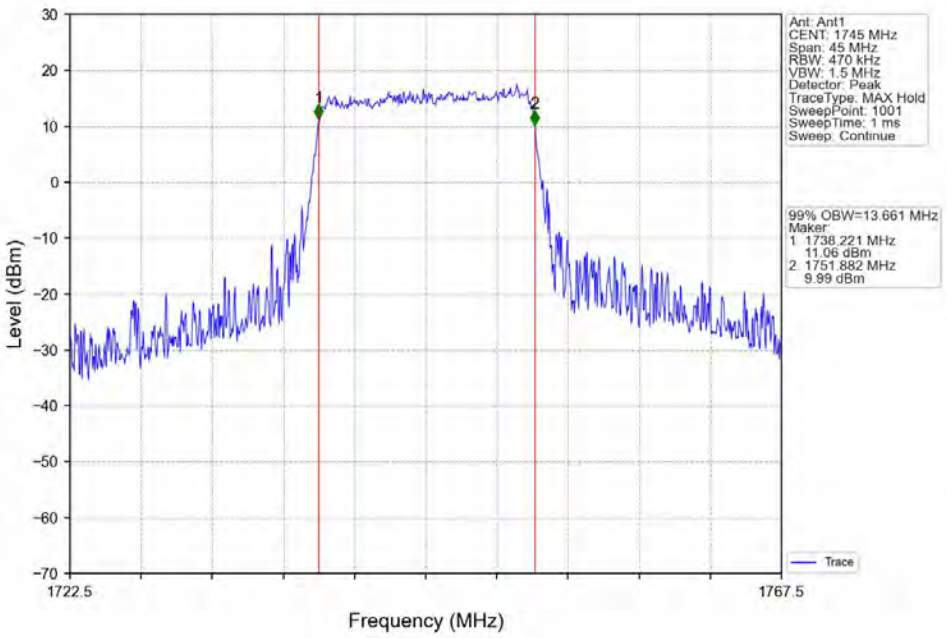
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



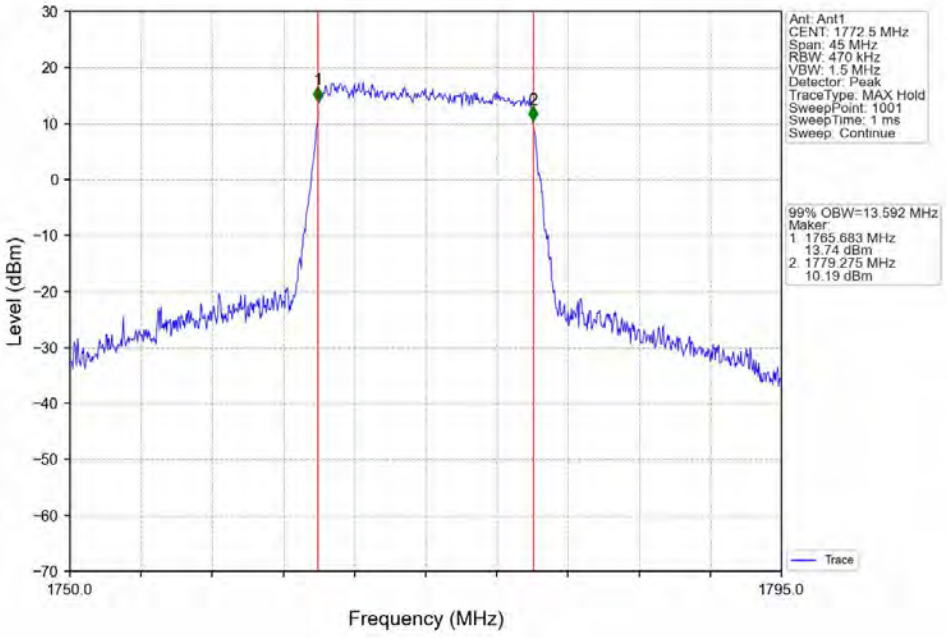
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



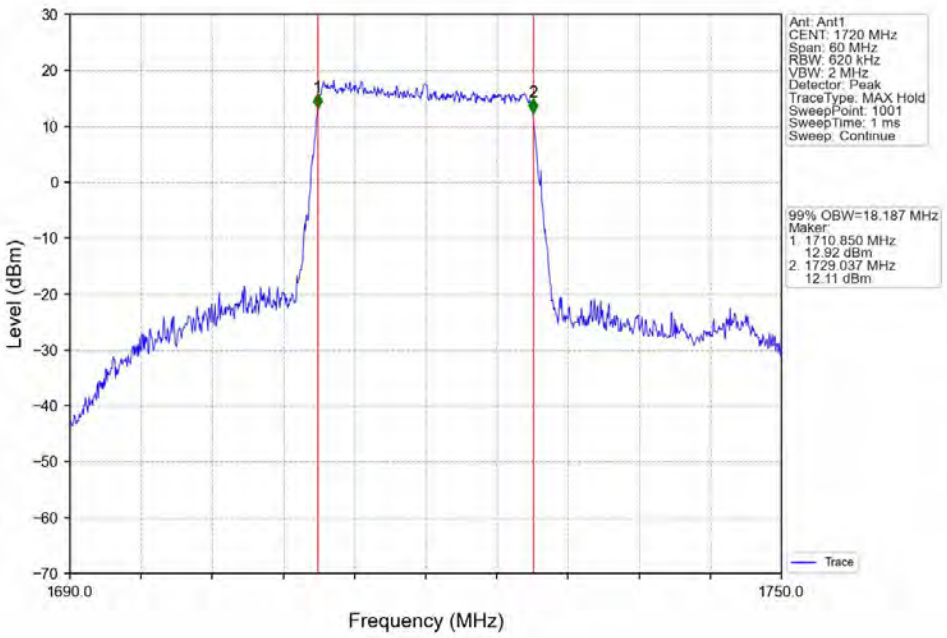
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



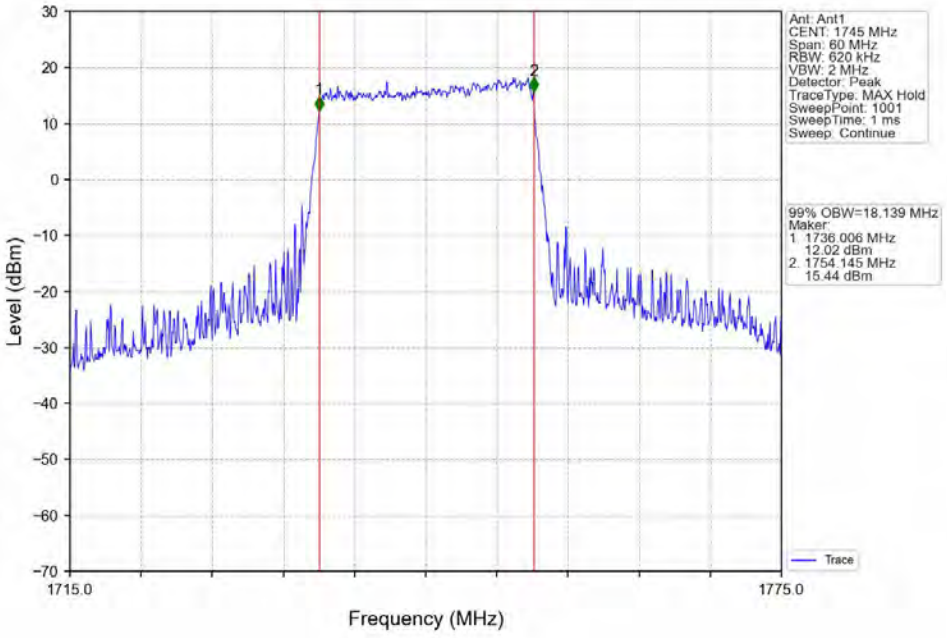
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



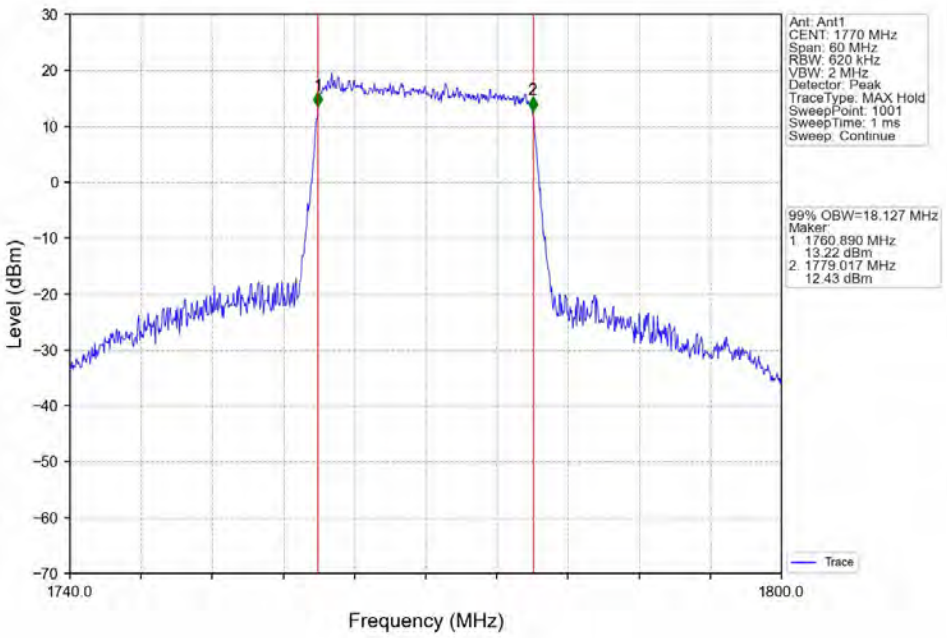
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



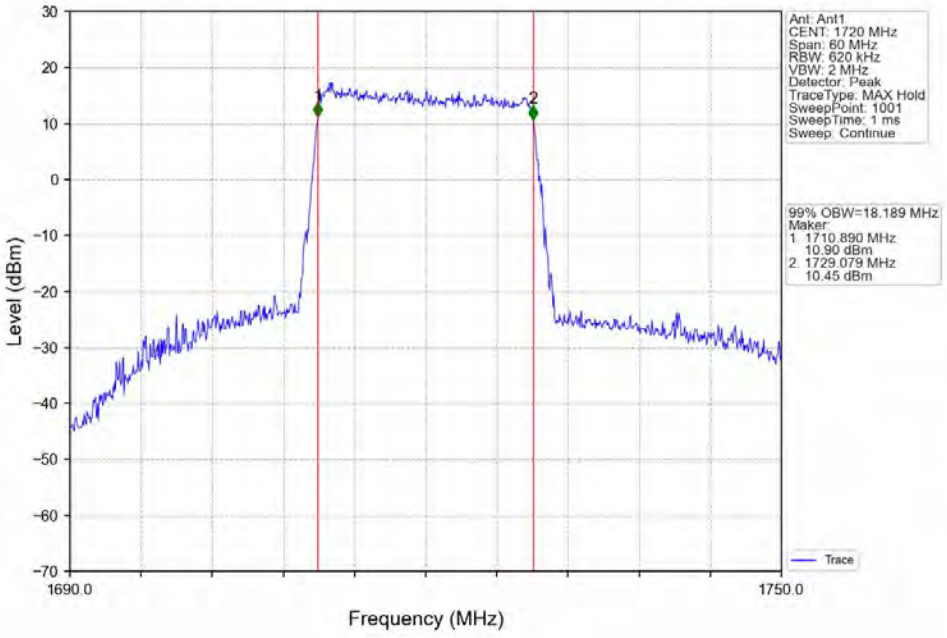
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



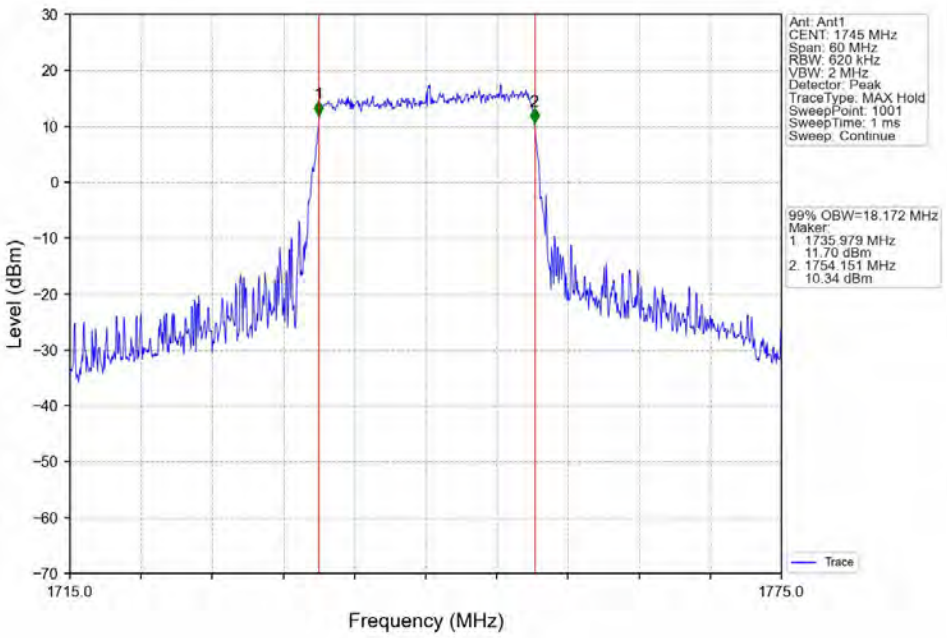
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



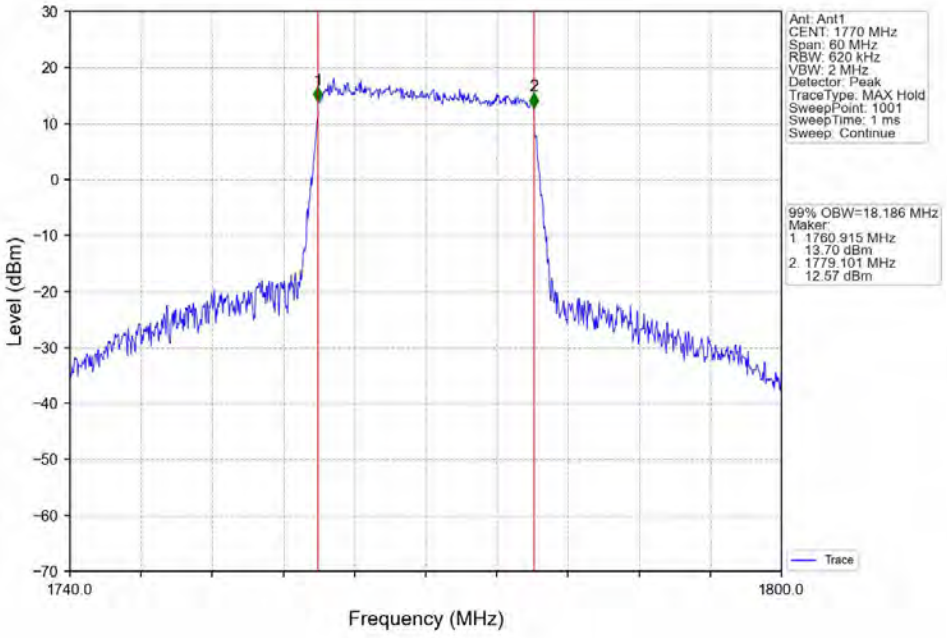
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



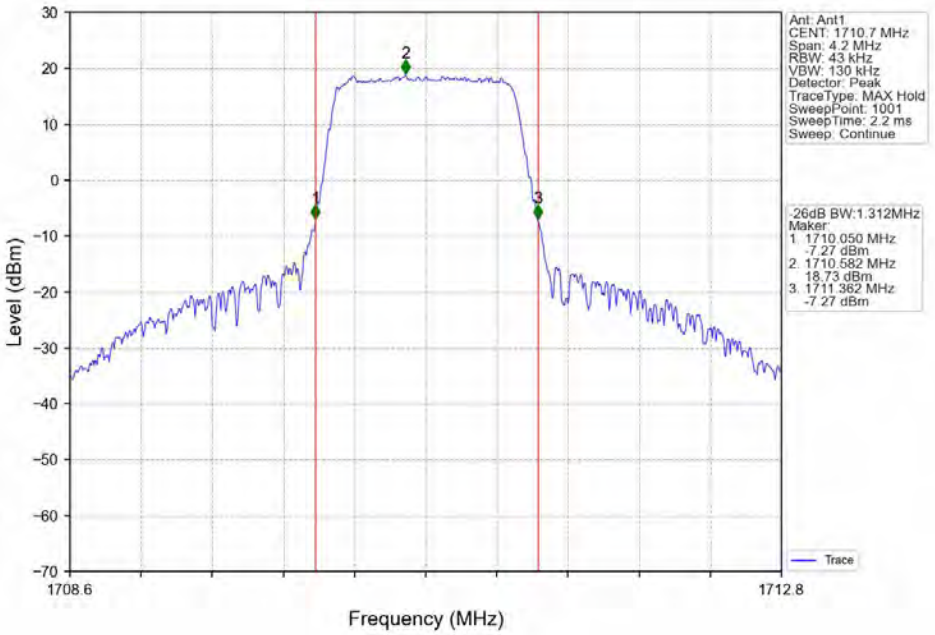
4.2 Band66_XDB

4.2.1 Test Result

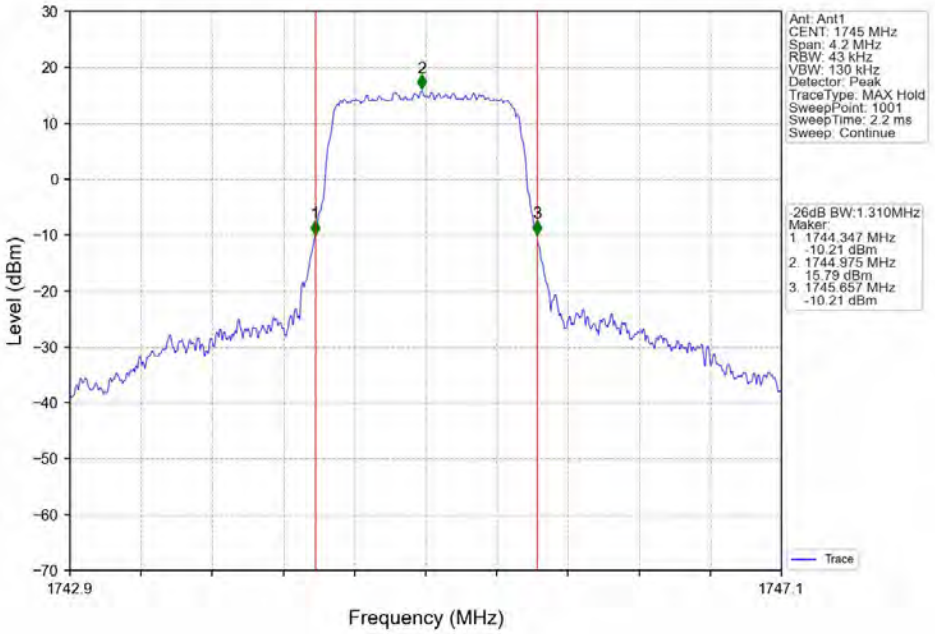
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.312	Pass
		1745	6	0	1.310	Pass
		1779.3	6	0	1.317	Pass
	16QAM	1710.7	6	0	1.332	Pass
		1745	6	0	1.322	Pass
		1779.3	6	0	1.308	Pass
3	QPSK	1711.5	15	0	2.976	Pass
		1745	15	0	2.993	Pass
		1778.5	15	0	2.989	Pass
	16QAM	1711.5	15	0	2.992	Pass
		1745	15	0	2.985	Pass
		1778.5	15	0	2.994	Pass
5	QPSK	1712.5	25	0	5.283	Pass
		1745	25	0	5.820	Pass
		1777.5	25	0	5.237	Pass
	16QAM	1712.5	25	0	5.277	Pass
		1745	25	0	5.593	Pass
		1777.5	25	0	5.270	Pass
10	QPSK	1715	50	0	10.396	Pass
		1745	50	0	10.883	Pass
		1775	50	0	10.358	Pass
	16QAM	1715	50	0	10.203	Pass
		1745	50	0	10.417	Pass
		1775	50	0	10.202	Pass
15	QPSK	1717.5	75	0	15.227	Pass
		1745	75	0	16.996	Pass
		1772.5	75	0	15.323	Pass
	16QAM	1717.5	75	0	15.225	Pass
		1745	75	0	15.730	Pass
		1772.5	75	0	15.104	Pass
20	QPSK	1720	100	0	20.203	Pass
		1745	100	0	20.625	Pass
		1770	100	0	19.855	Pass
	16QAM	1720	100	0	19.970	Pass
		1745	100	0	20.940	Pass
		1770	100	0	20.003	Pass

4.2.2 Test Graph

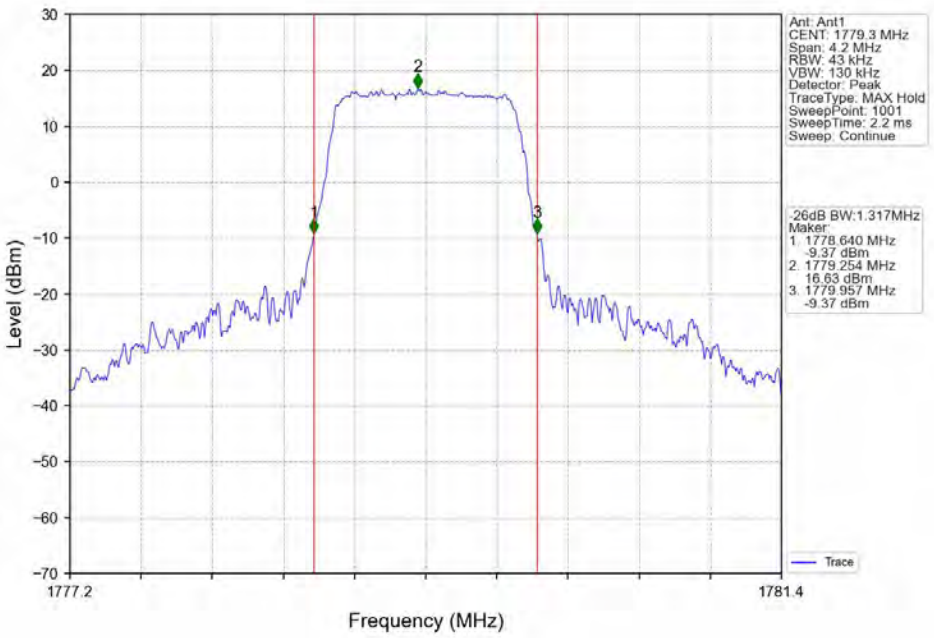
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



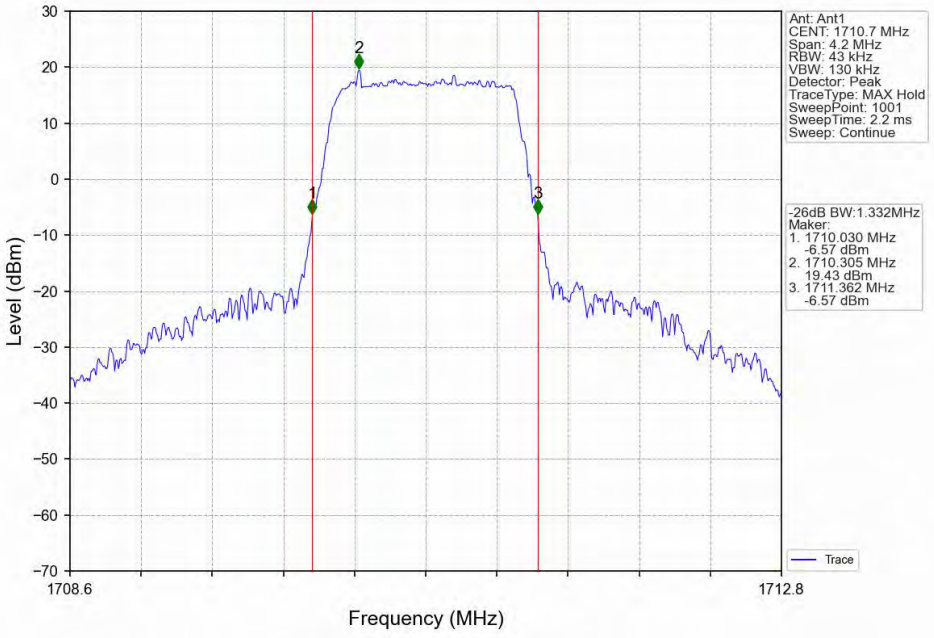
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



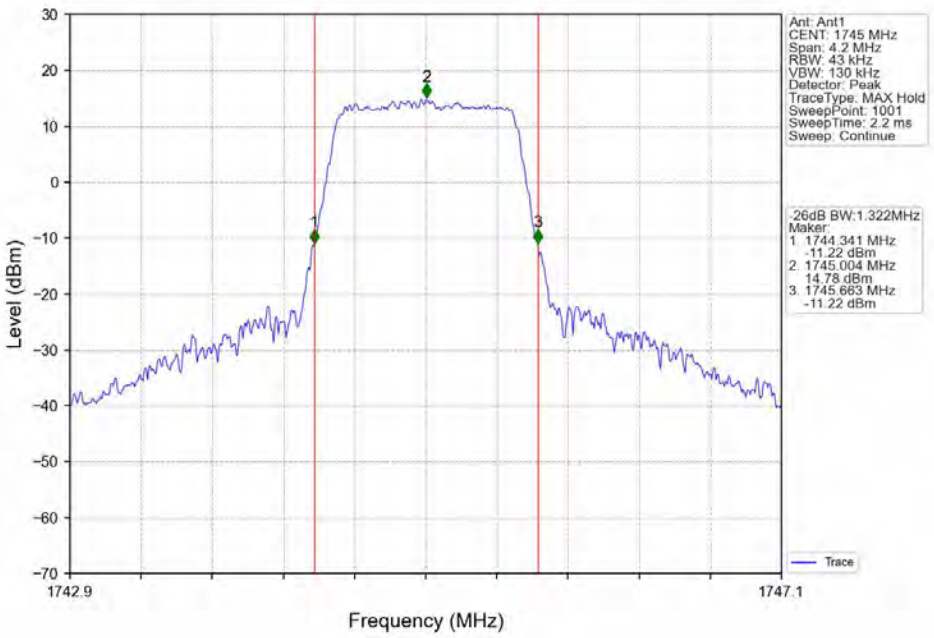
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



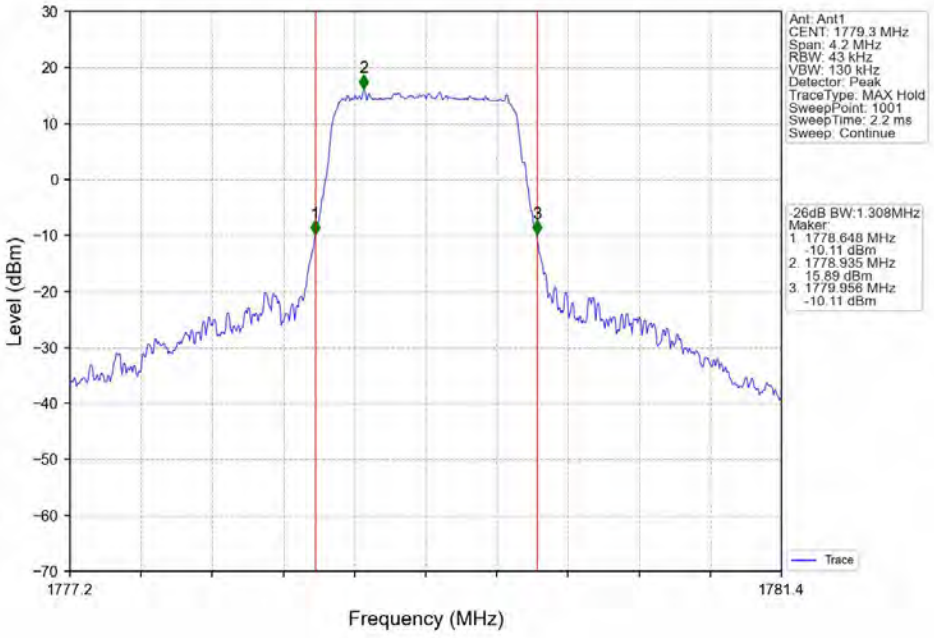
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



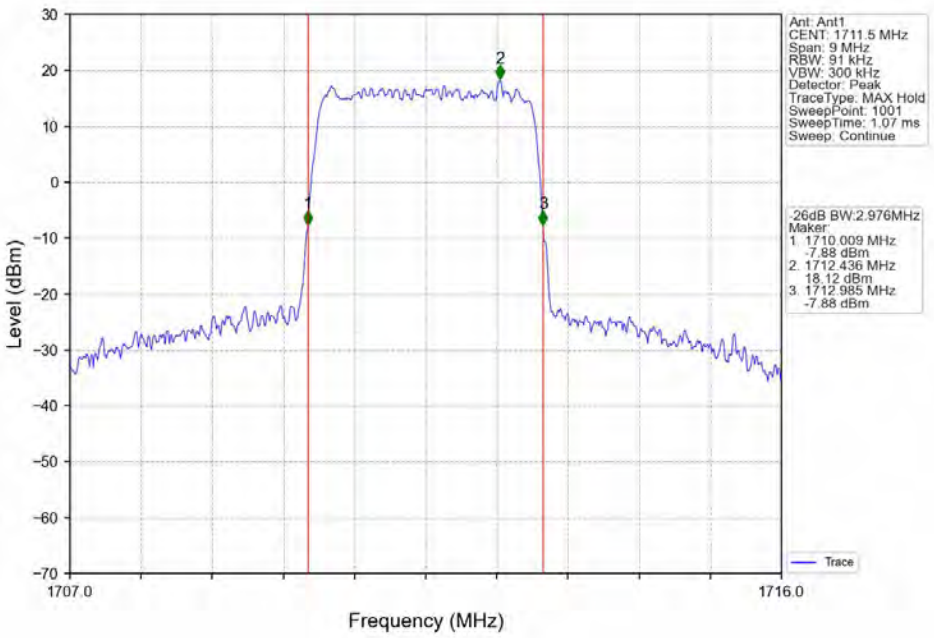
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



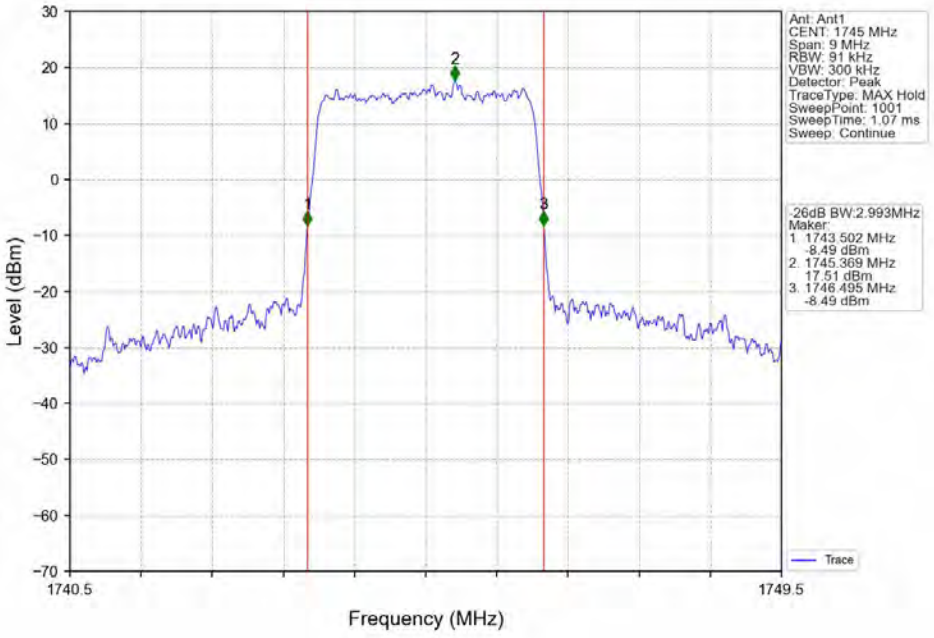
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



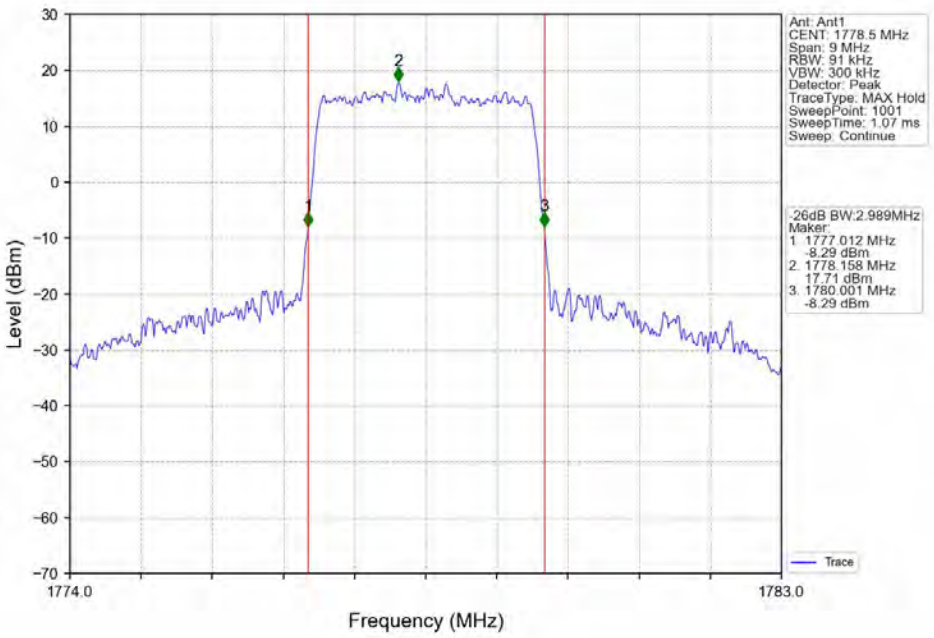
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



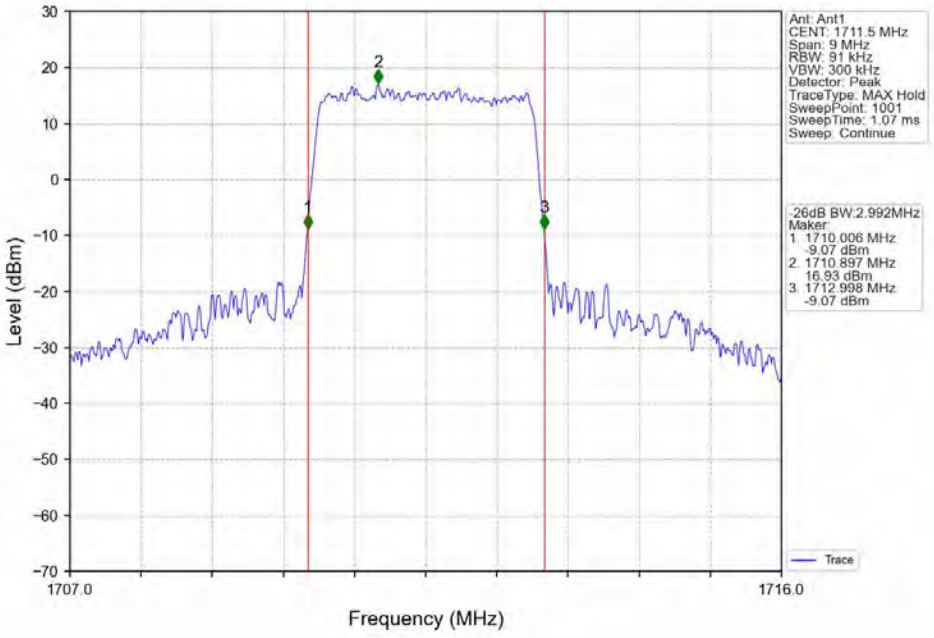
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



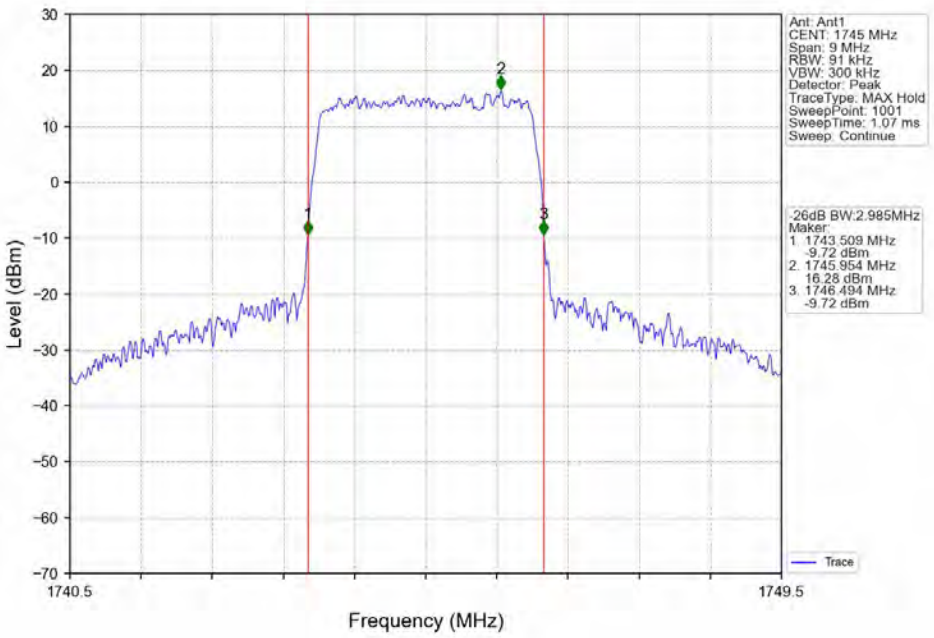
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



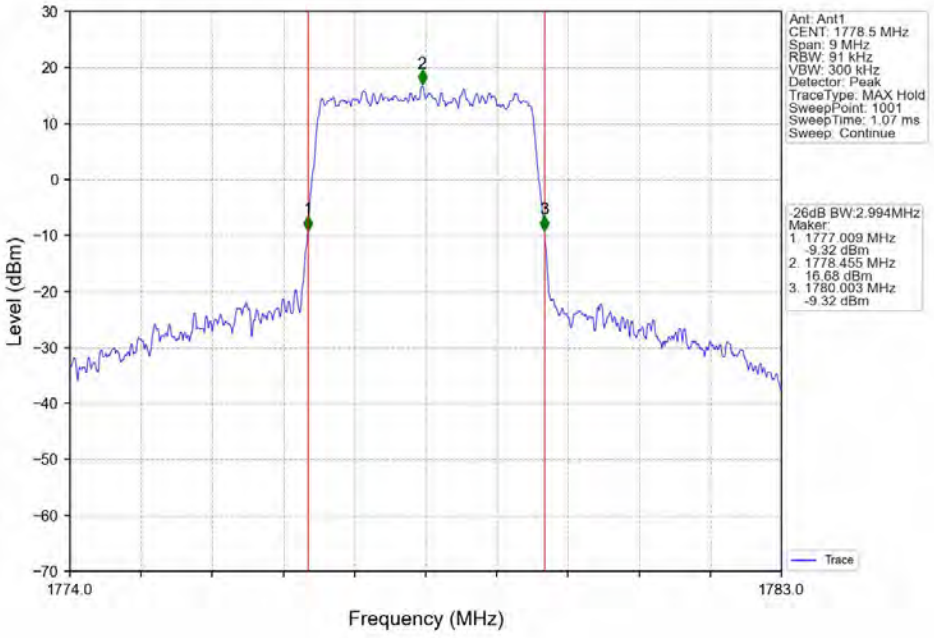
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



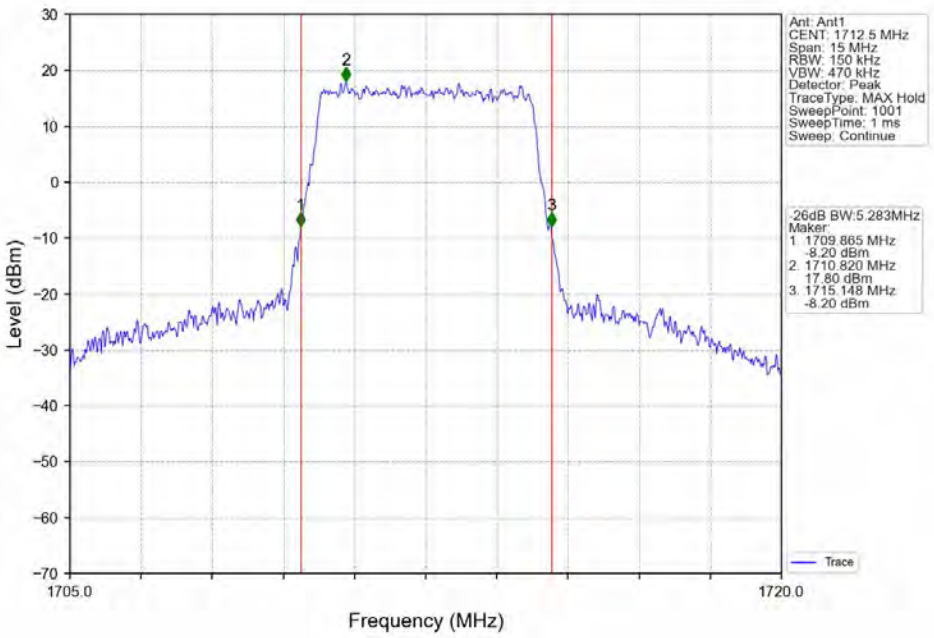
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



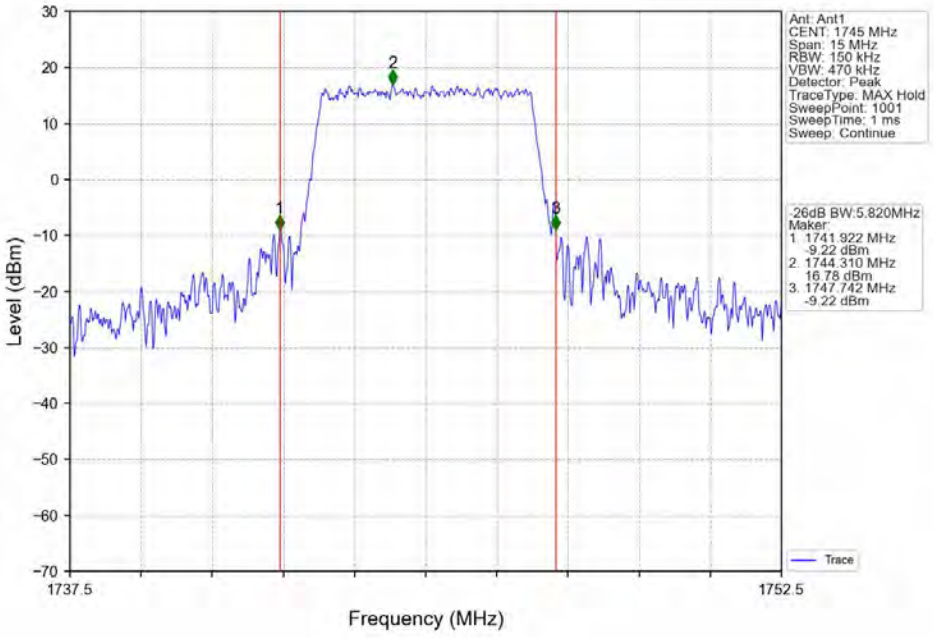
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



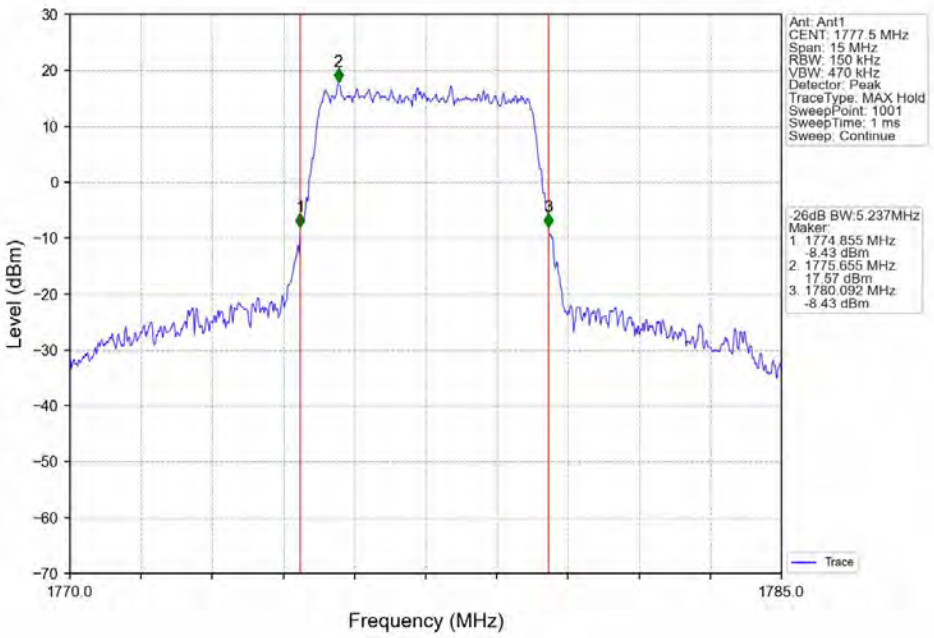
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



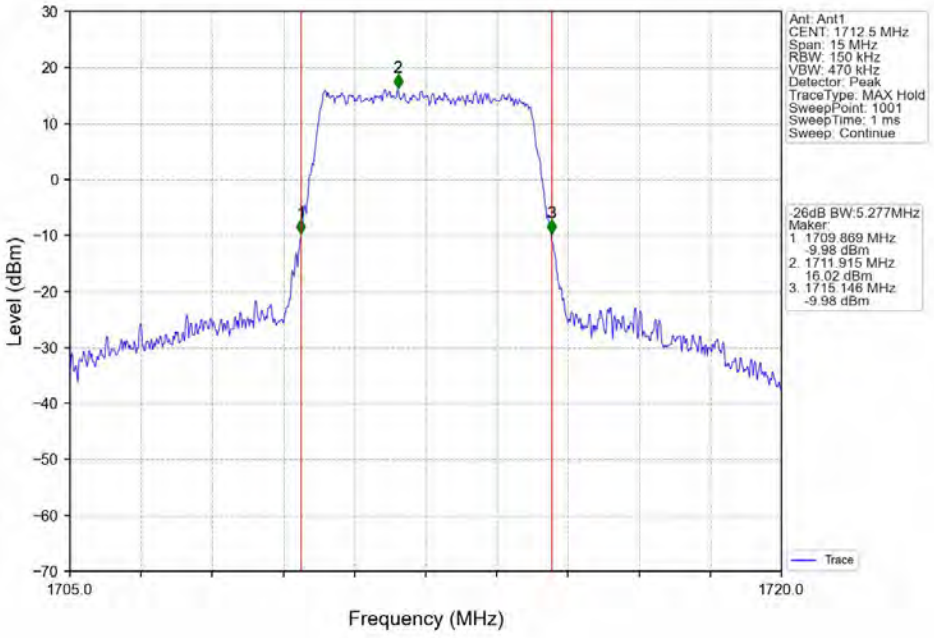
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



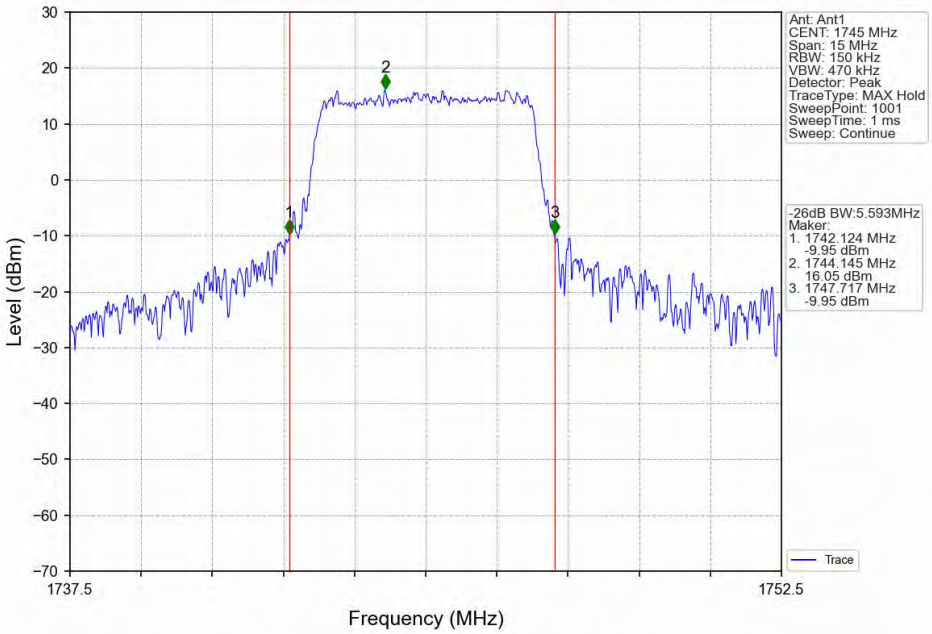
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



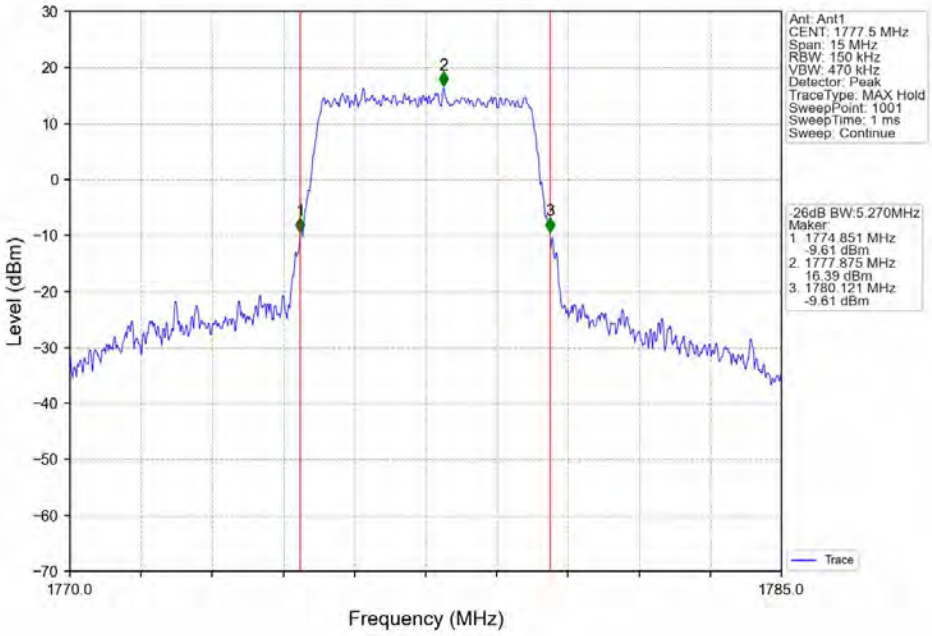
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



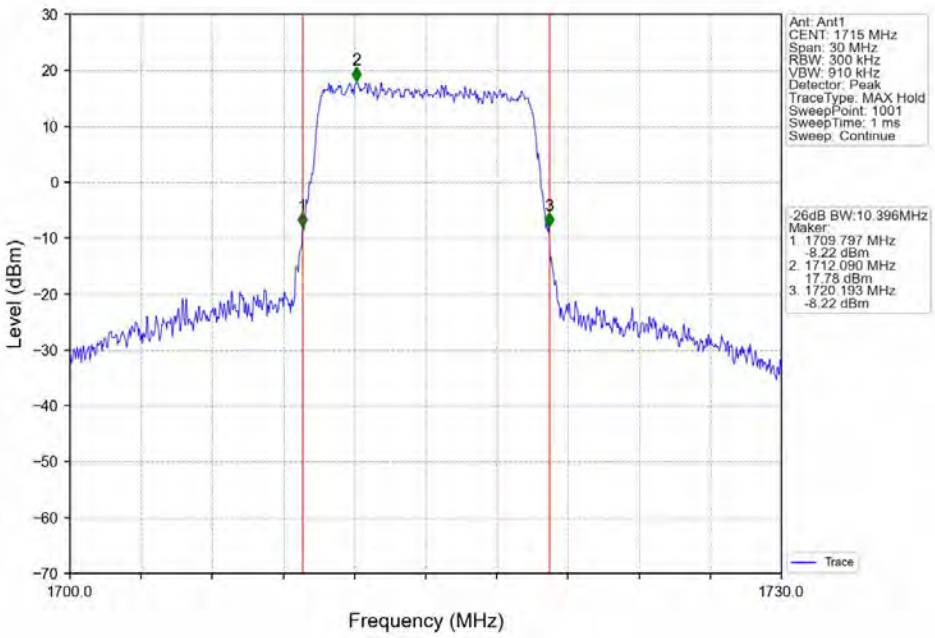
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



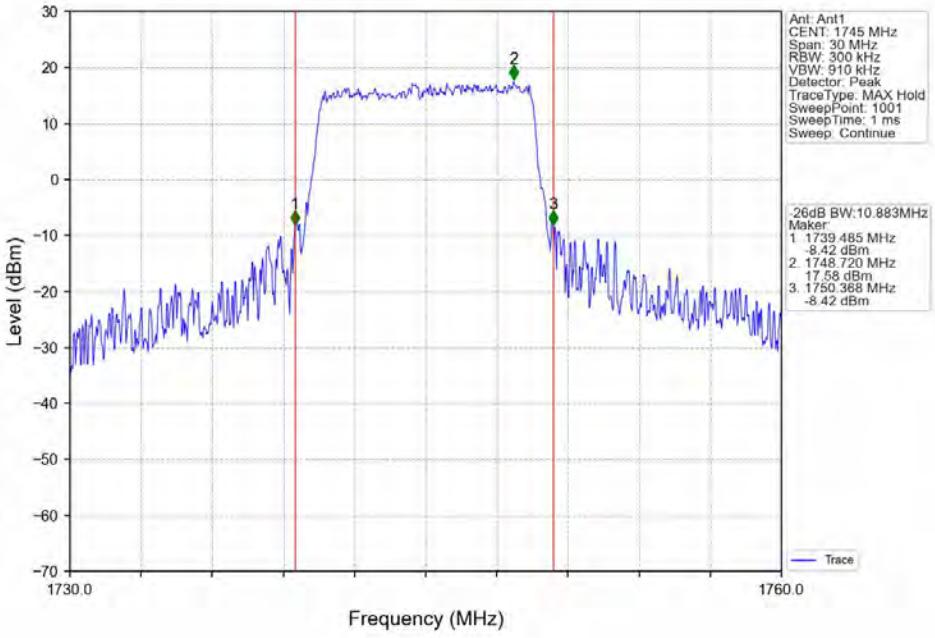
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



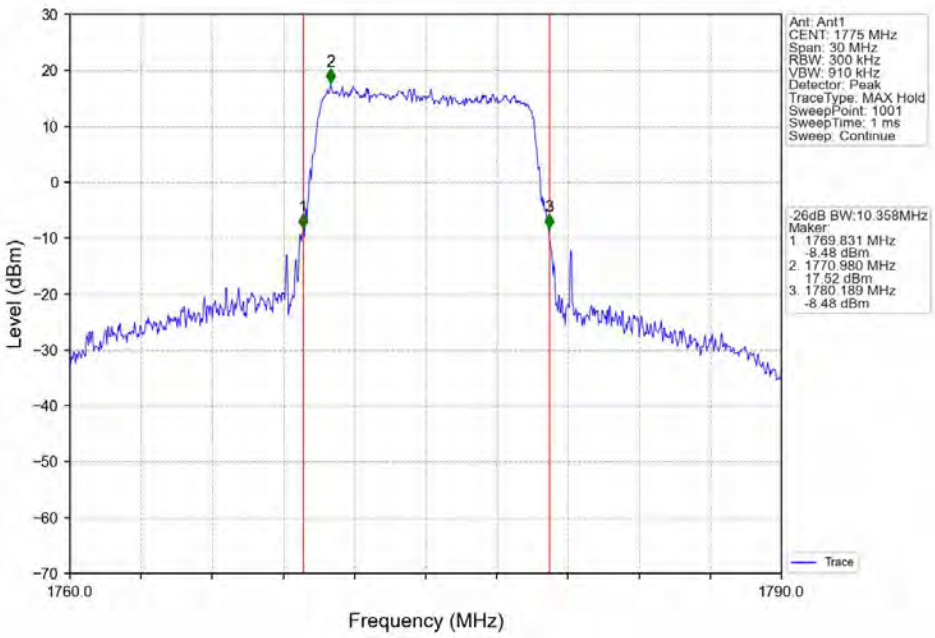
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



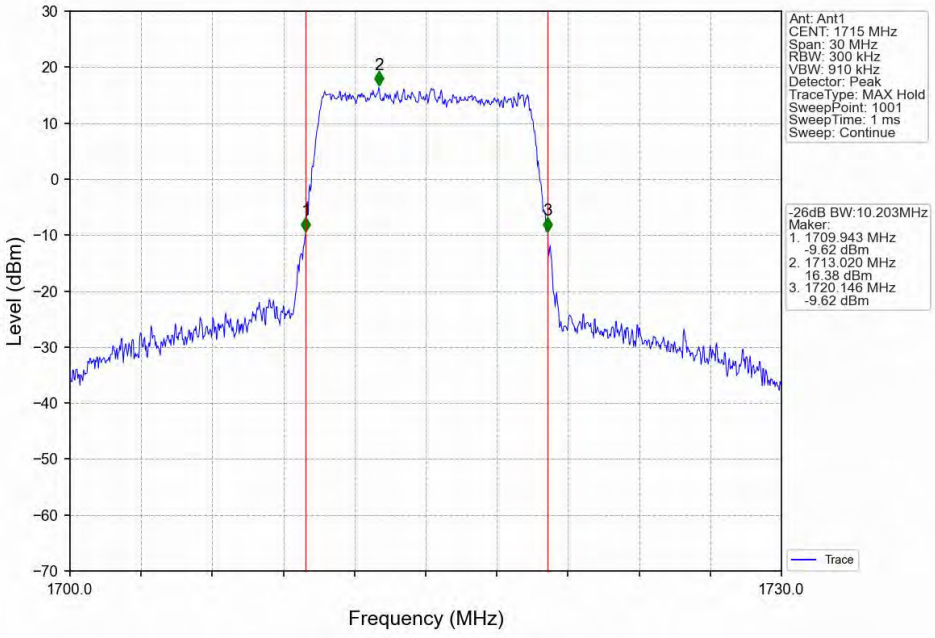
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



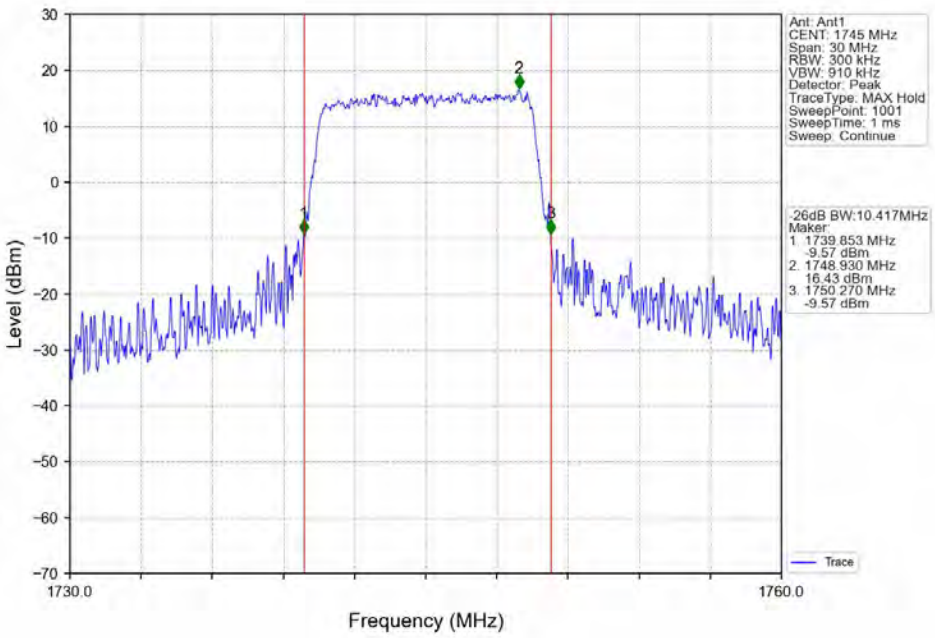
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



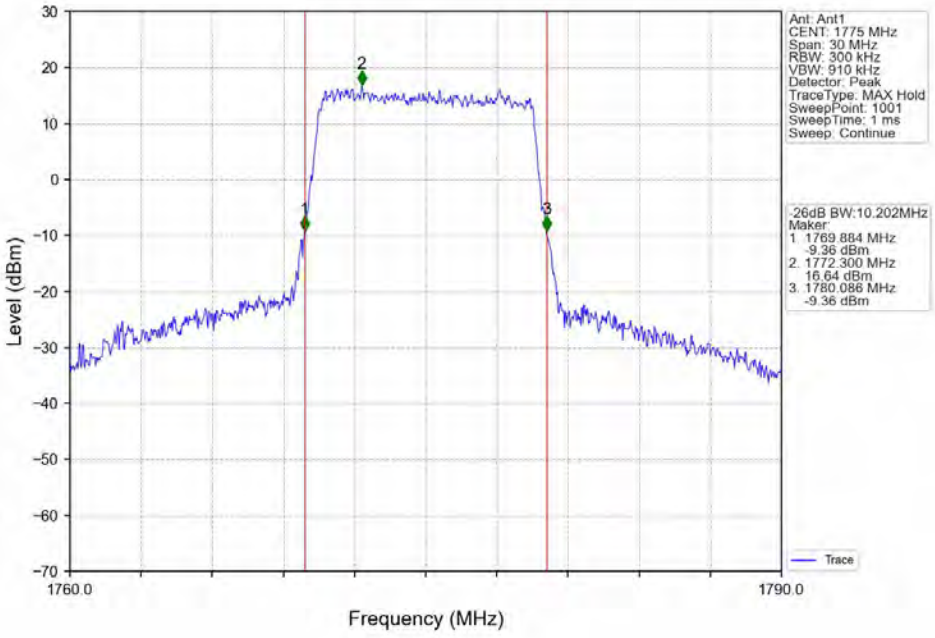
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



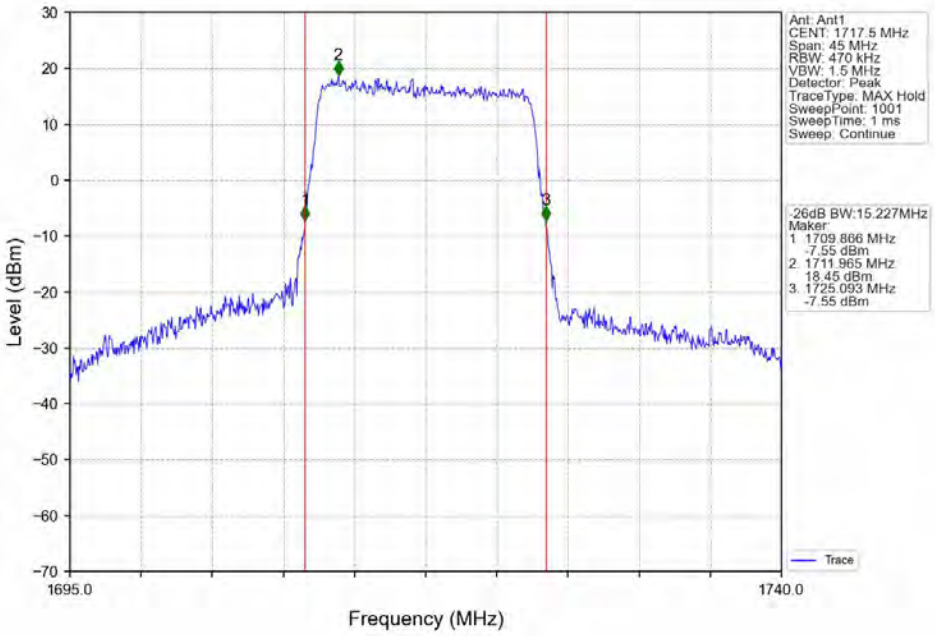
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



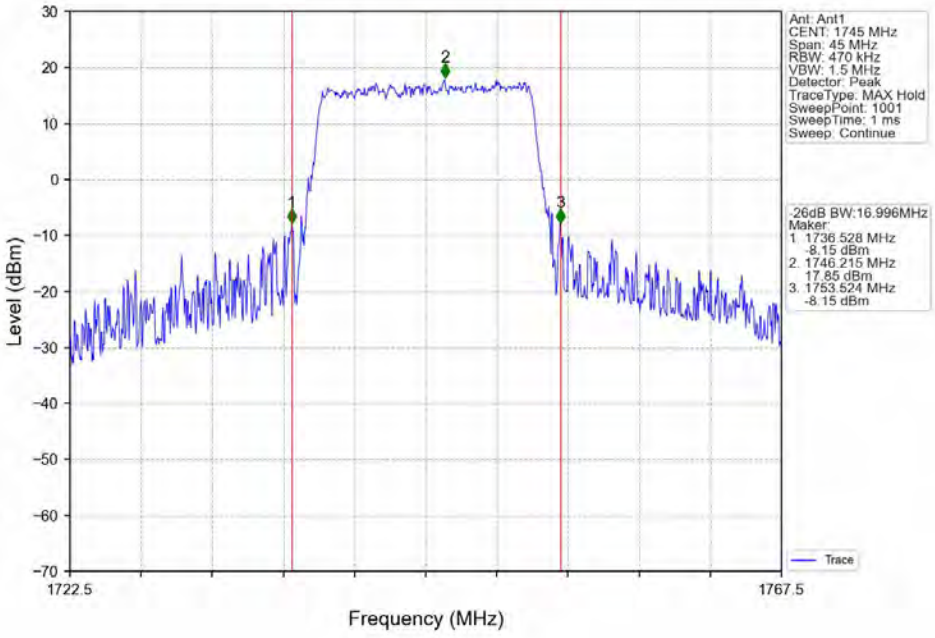
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



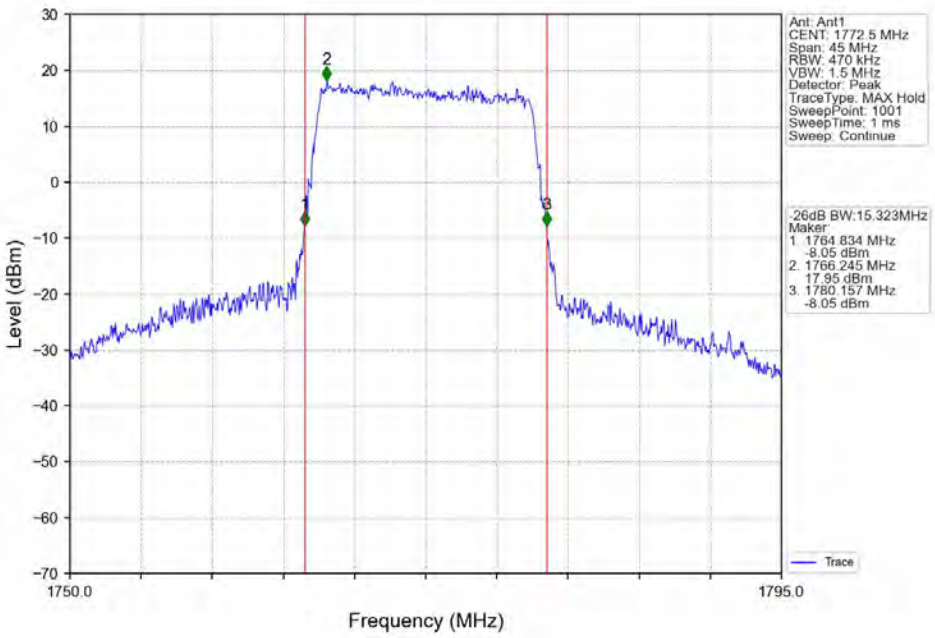
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



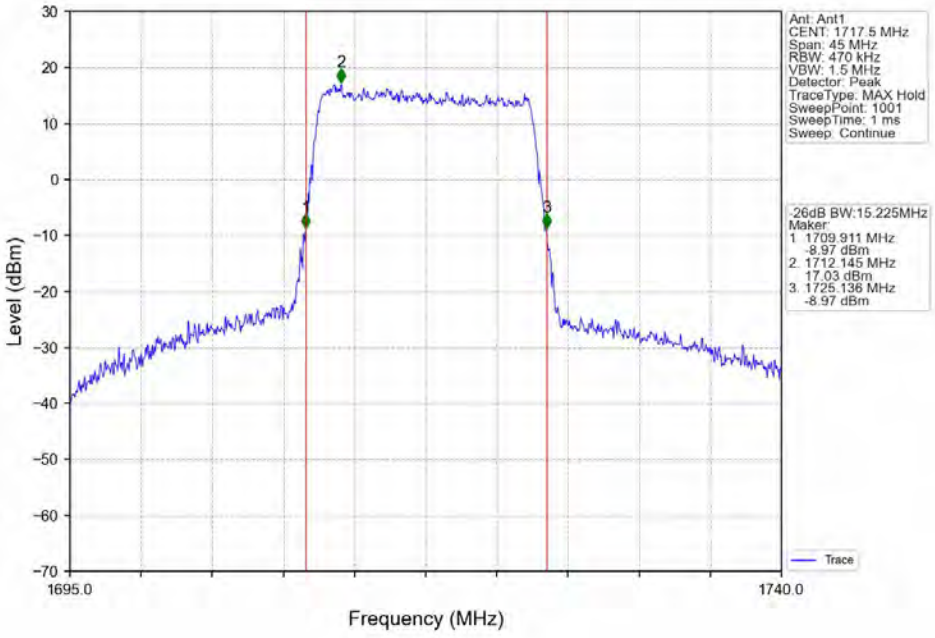
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



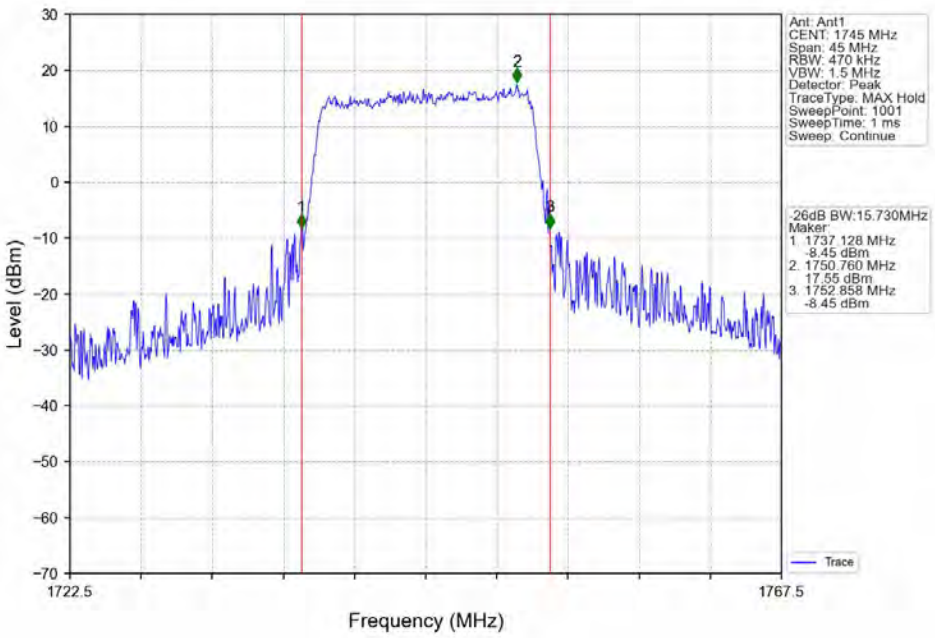
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



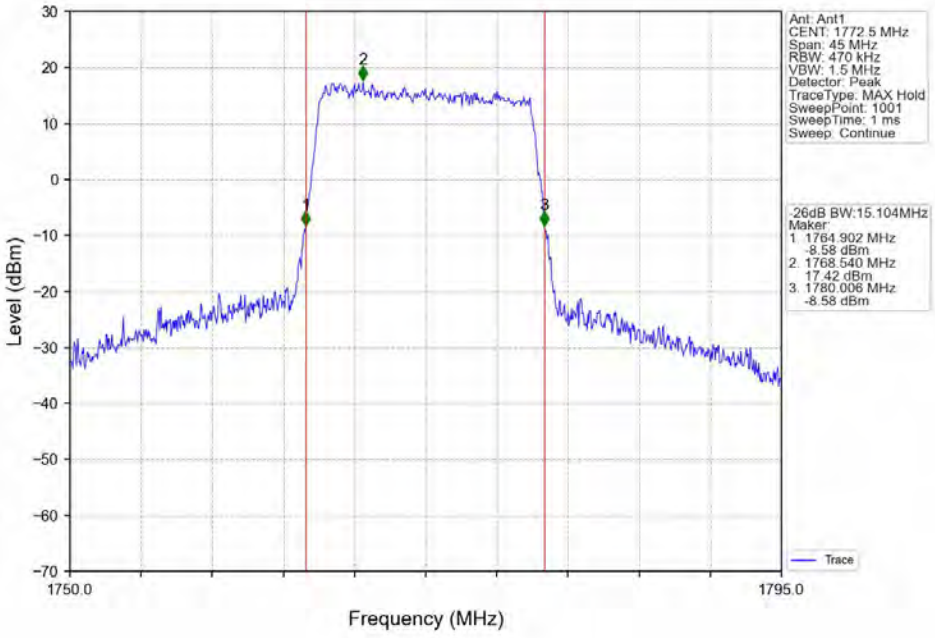
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



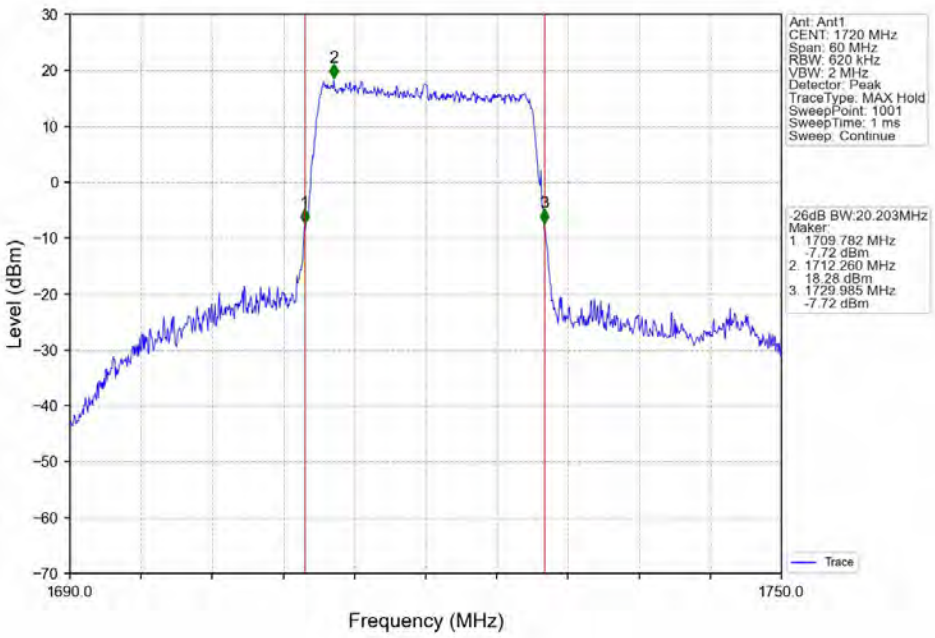
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



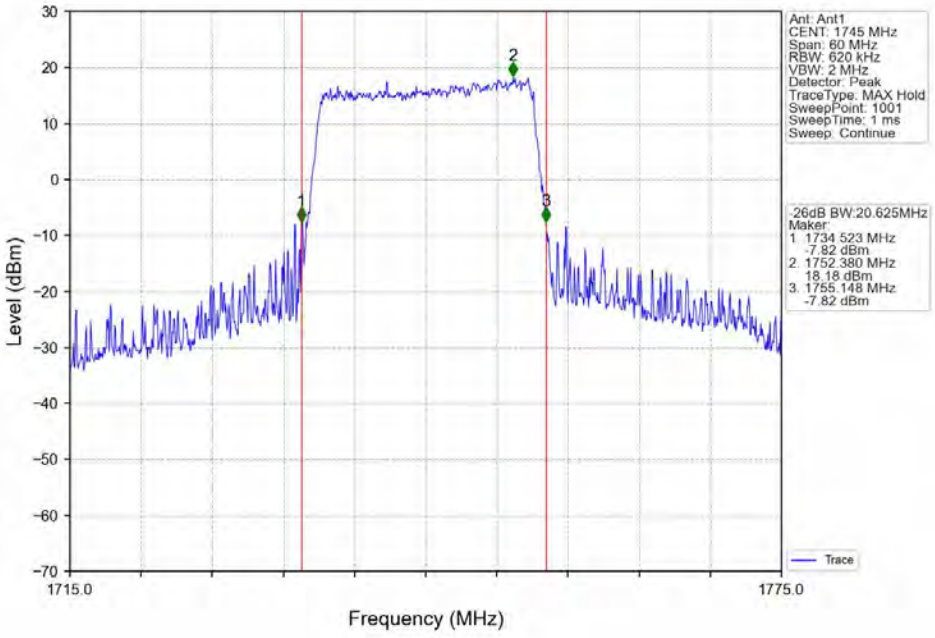
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



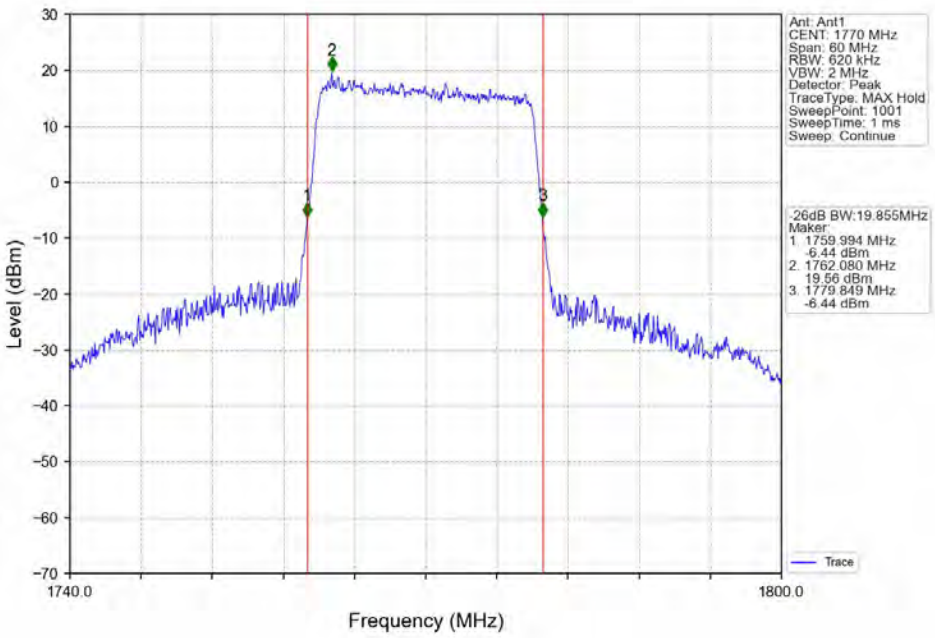
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



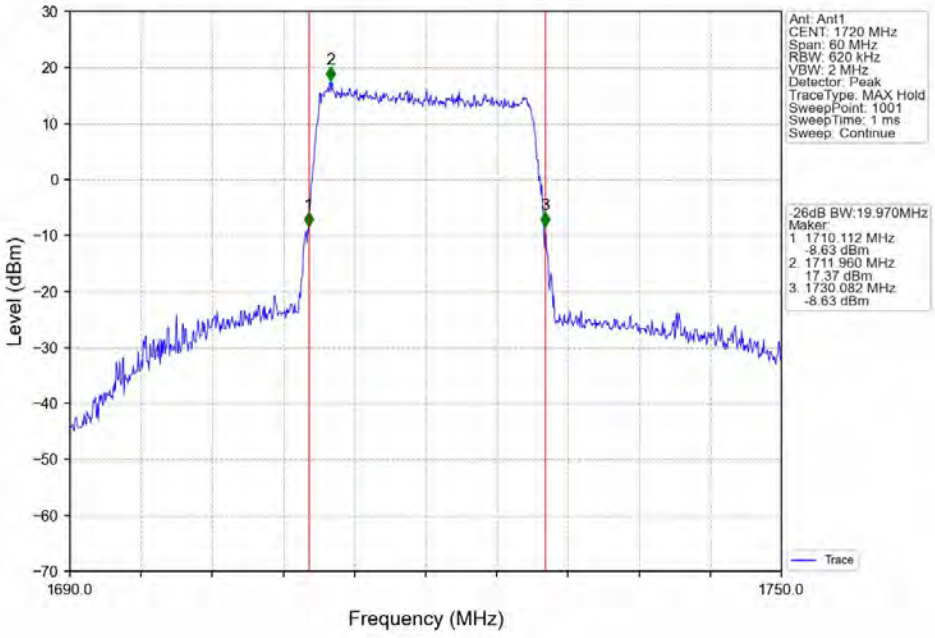
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



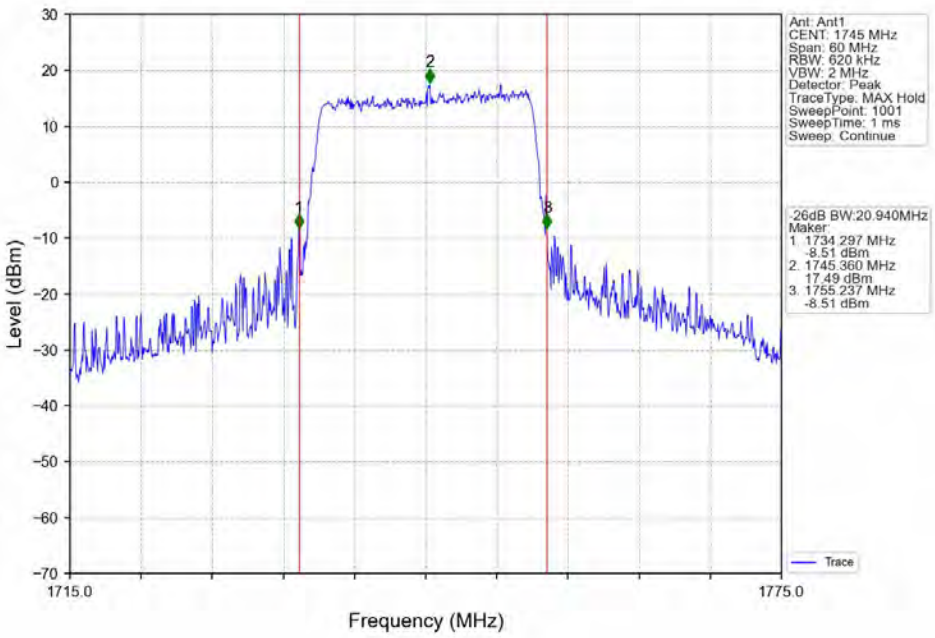
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



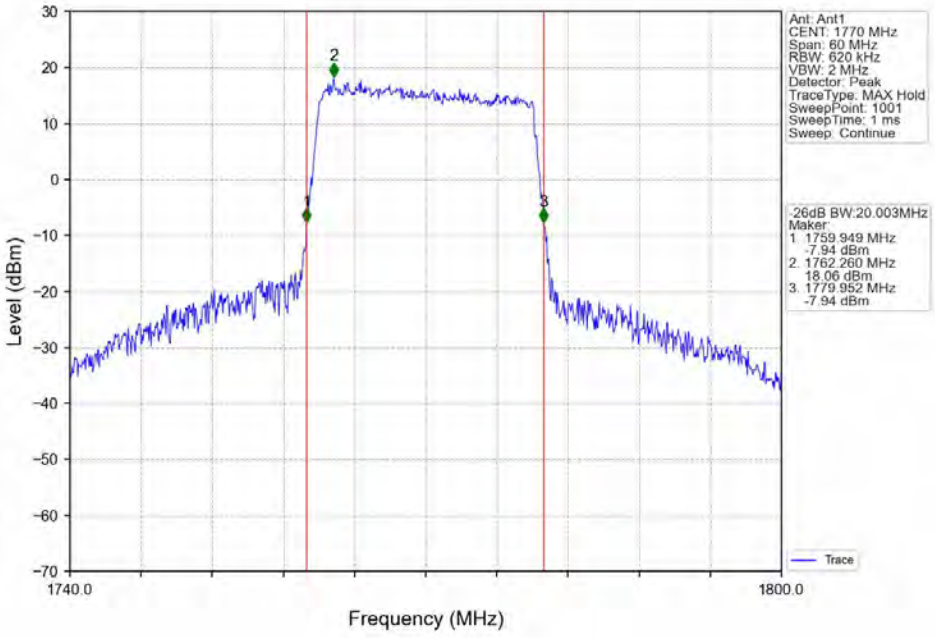
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



5. Peak-Average Ratio

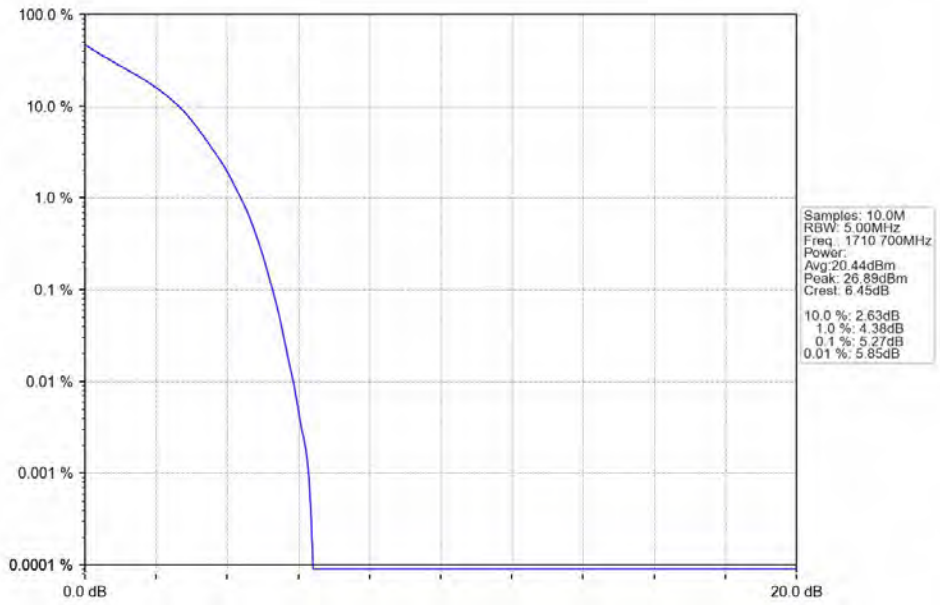
5.1 B66_1.4MHz

5.1.1 Test Result

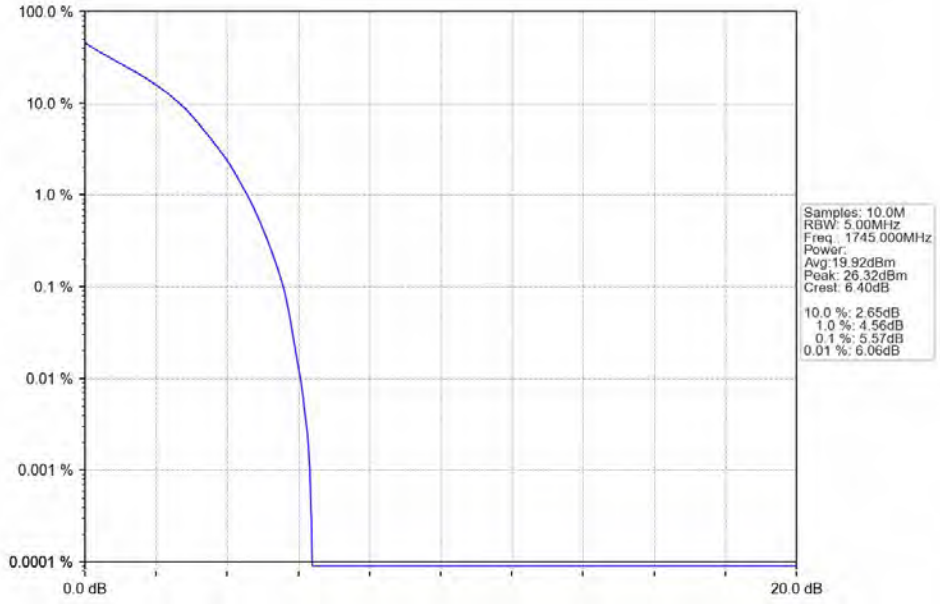
Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.27	<=13	Pass
	1745	6	0	5.57	<=13	Pass
	1779.3	6	0	5.24	<=13	Pass
16QAM	1710.7	6	0	6.07	<=13	Pass
	1745	6	0	6.40	<=13	Pass
	1779.3	6	0	6.19	<=13	Pass

5.1.2 Test Graph

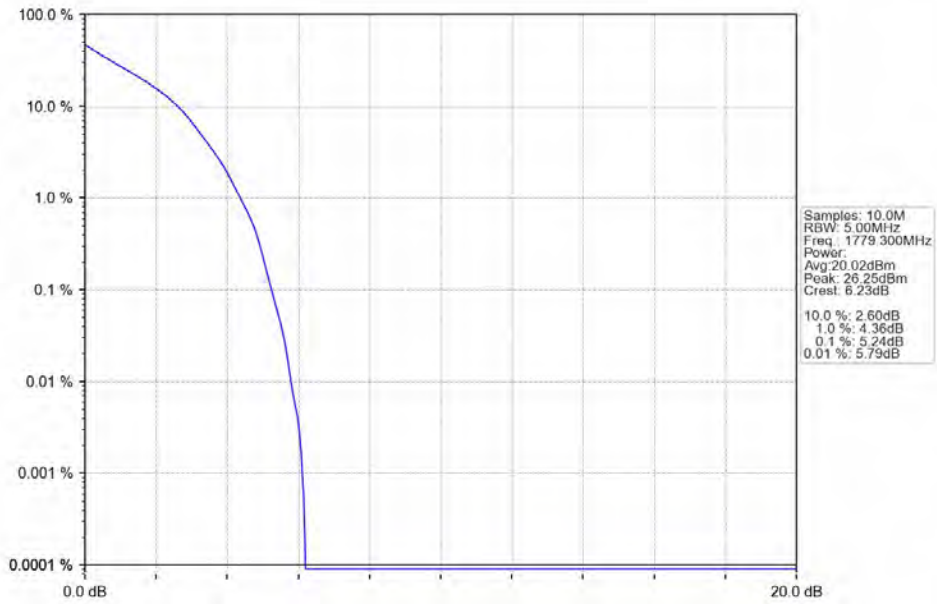
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



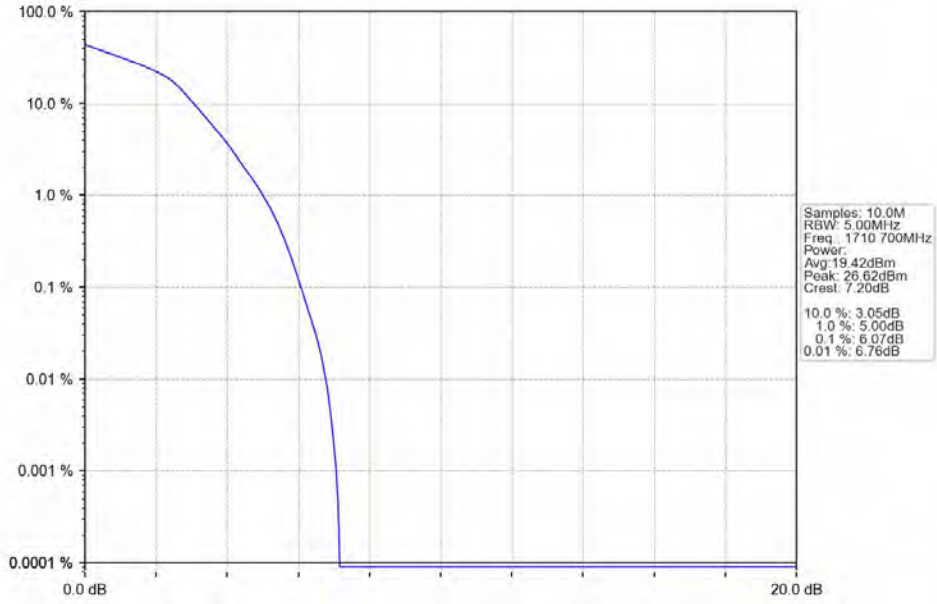
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



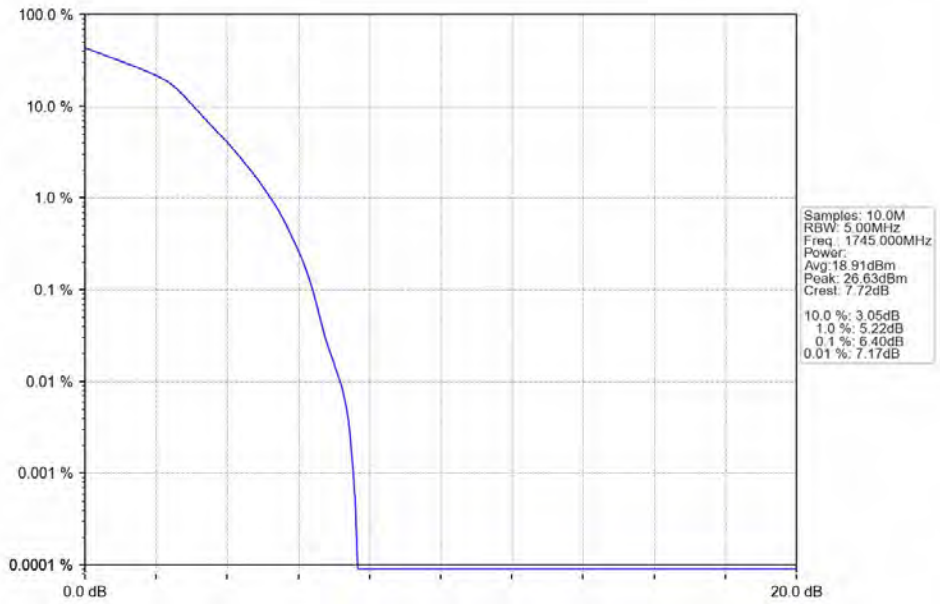
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



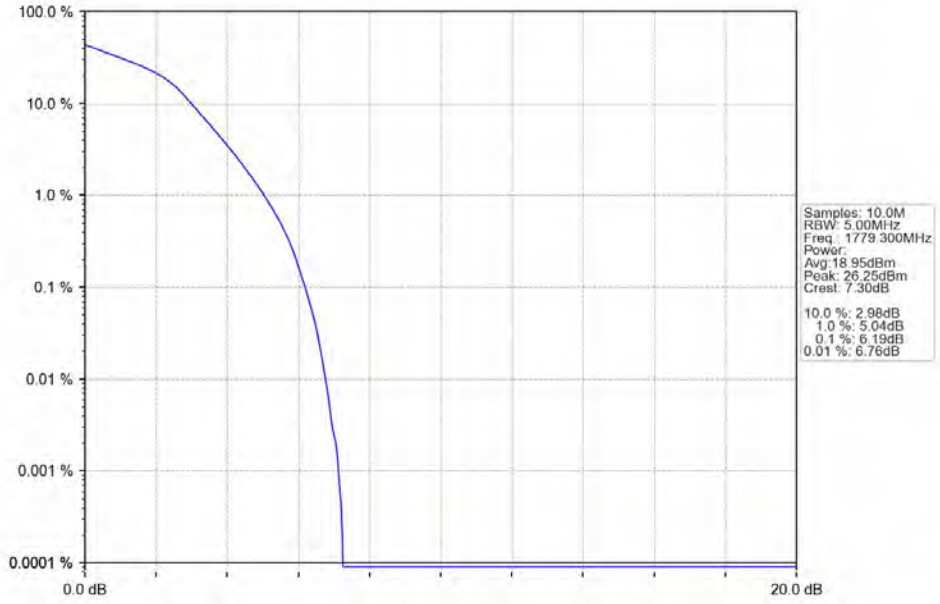
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



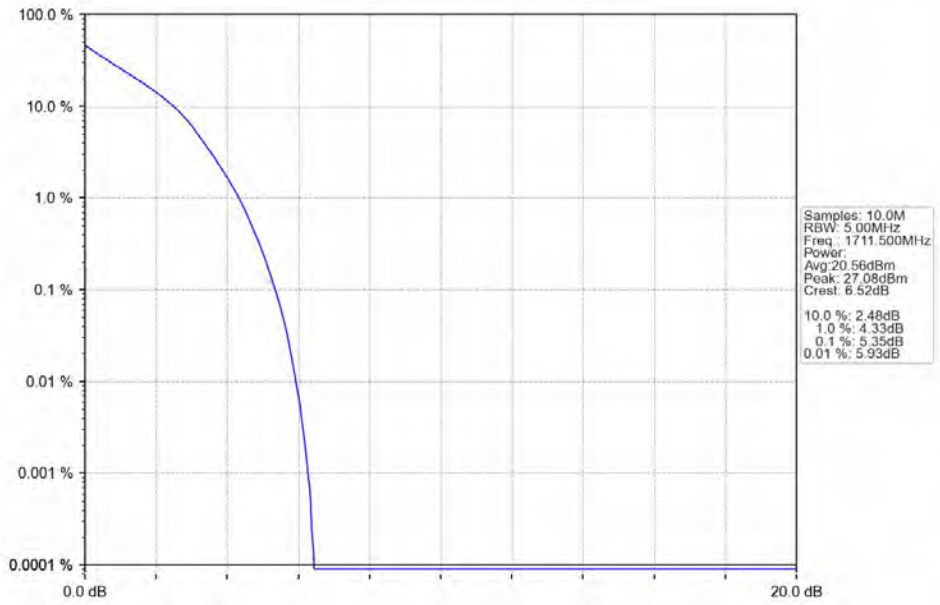
5.2 B66_3MHz

5.2.1 Test Result

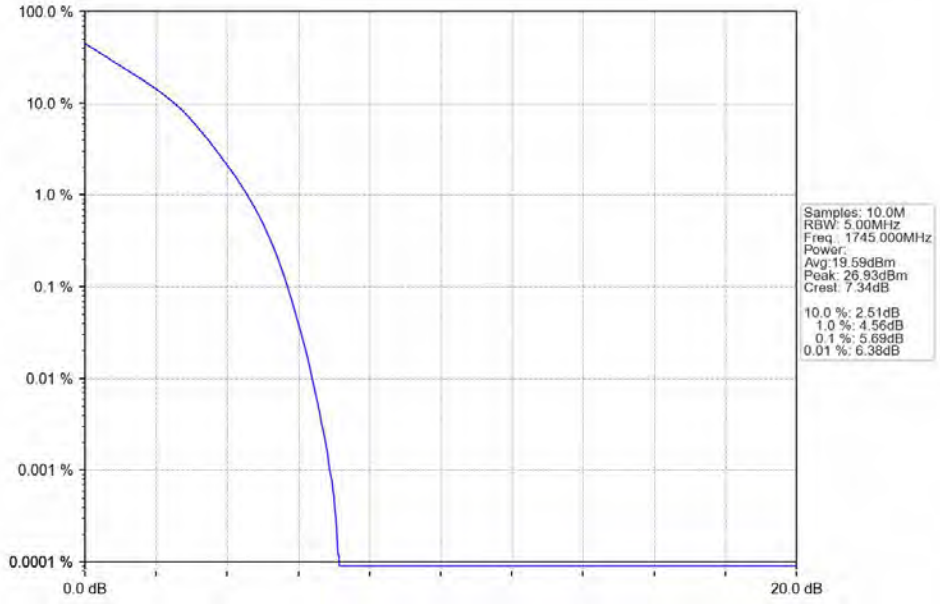
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.35	<=13	Pass
	1745	15	0	5.69	<=13	Pass
	1778.5	15	0	5.49	<=13	Pass
16QAM	1711.5	15	0	6.15	<=13	Pass
	1745	15	0	6.50	<=13	Pass
	1778.5	15	0	6.41	<=13	Pass

5.2.2 Test Graph

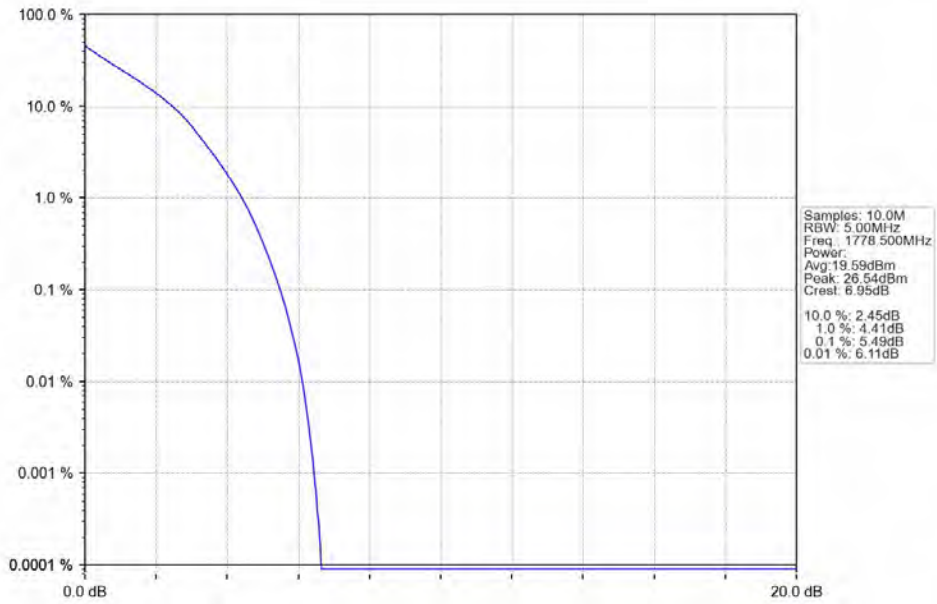
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



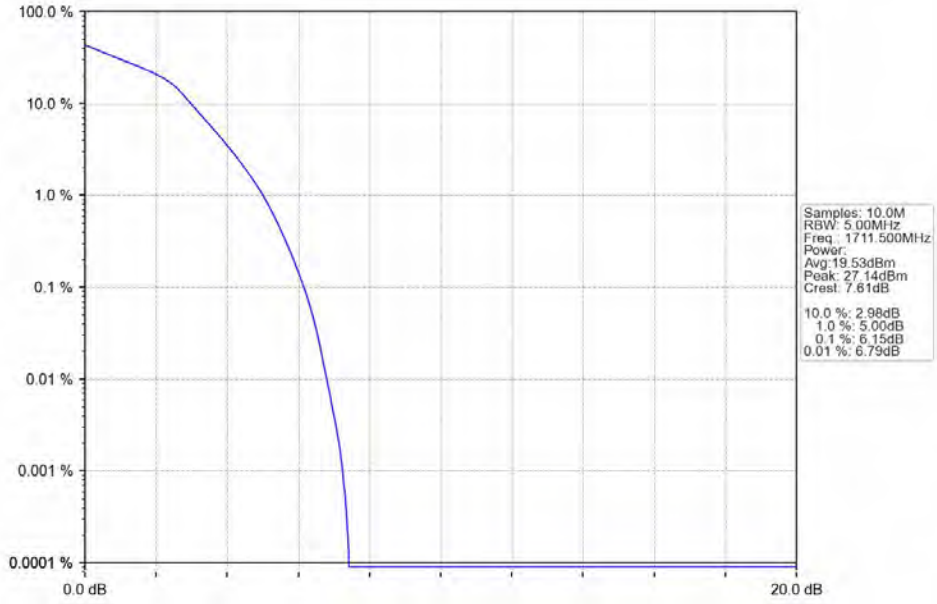
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



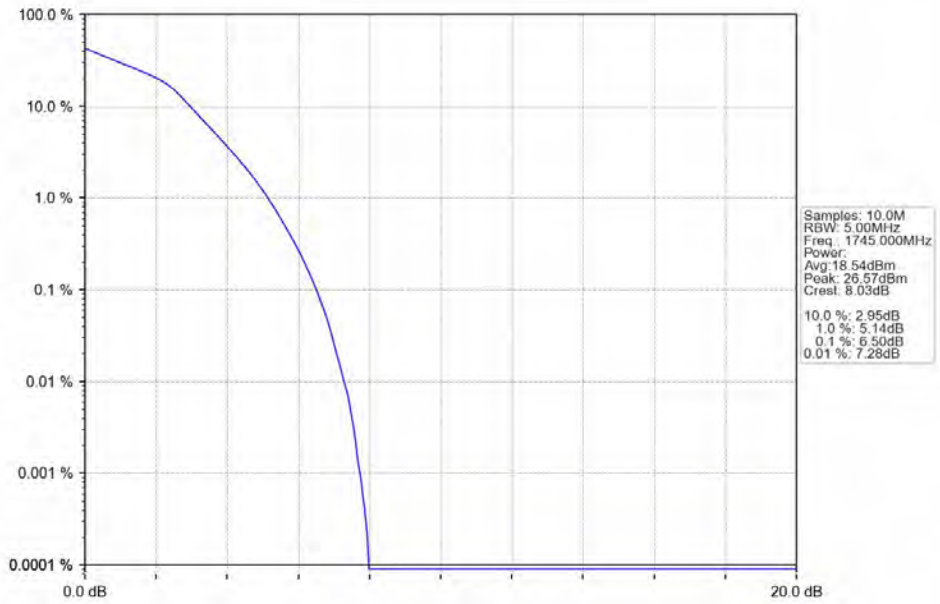
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



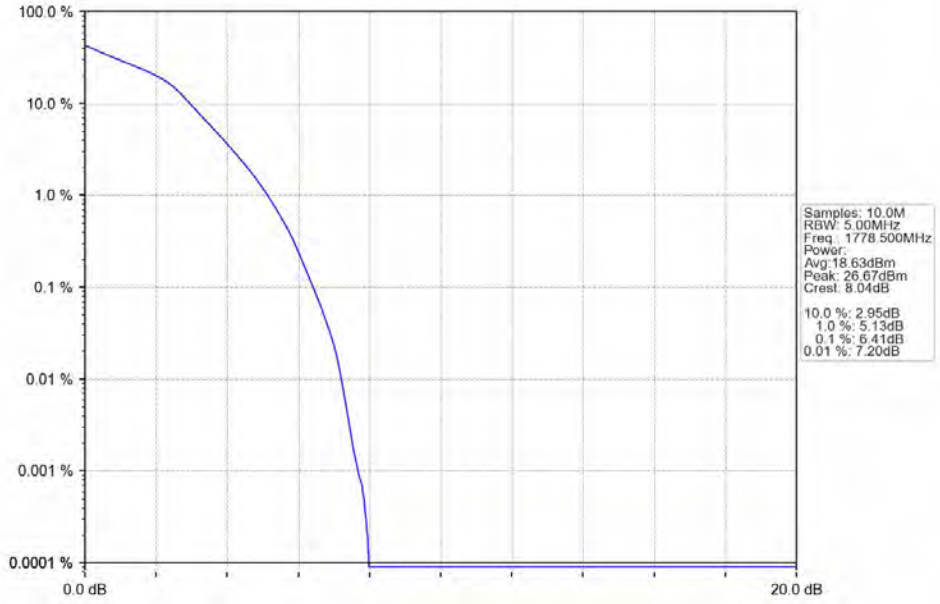
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



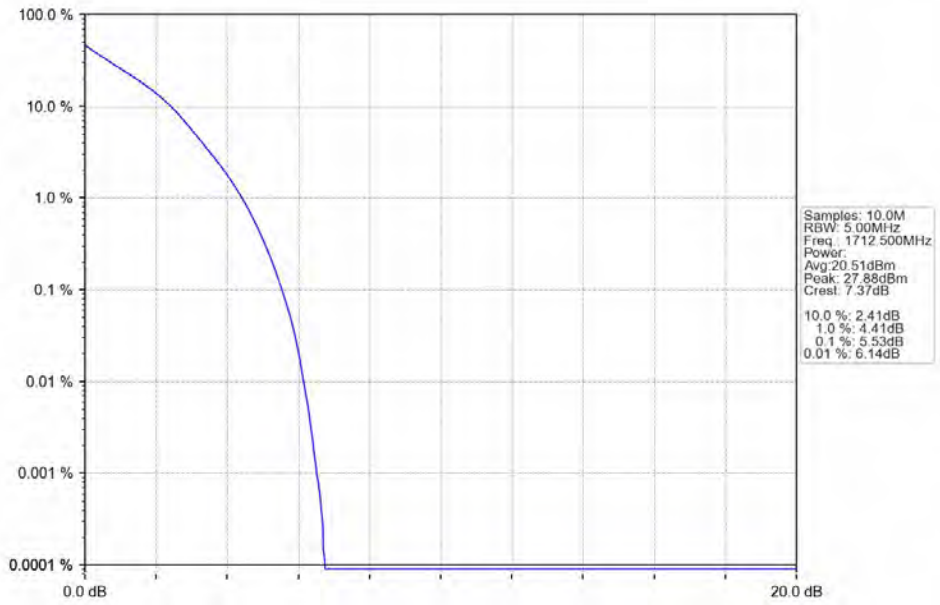
5.3 B66_5MHz

5.3.1 Test Result

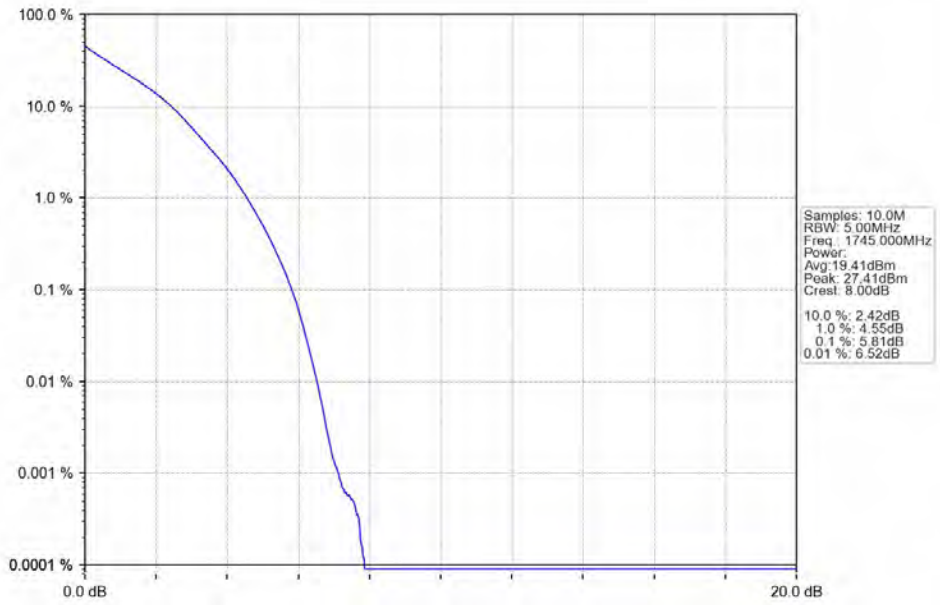
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.53	<=13	Pass
	1745	25	0	5.81	<=13	Pass
	1777.5	25	0	5.75	<=13	Pass
16QAM	1712.5	25	0	6.35	<=13	Pass
	1745	25	0	6.50	<=13	Pass
	1777.5	25	0	6.44	<=13	Pass

5.3.2 Test Graph

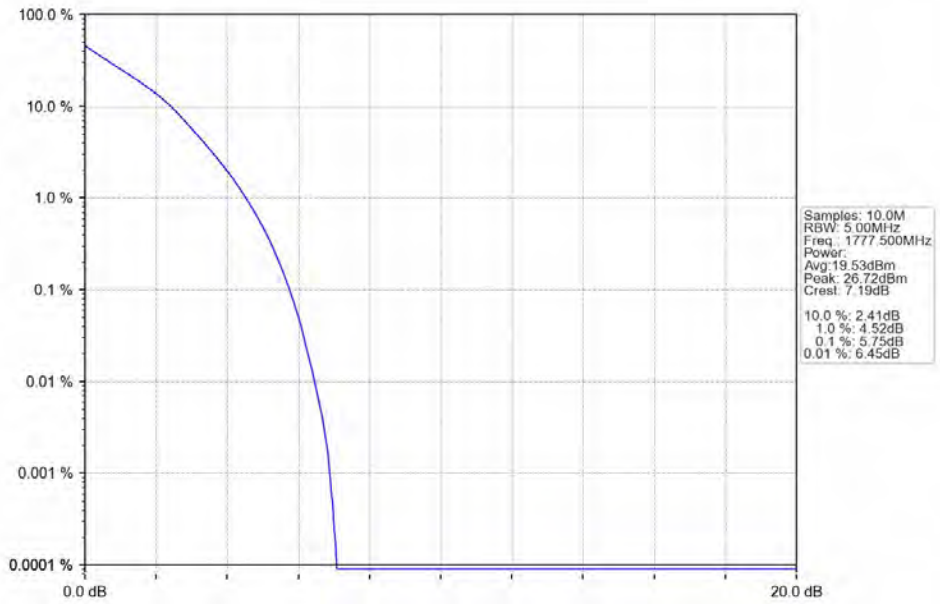
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



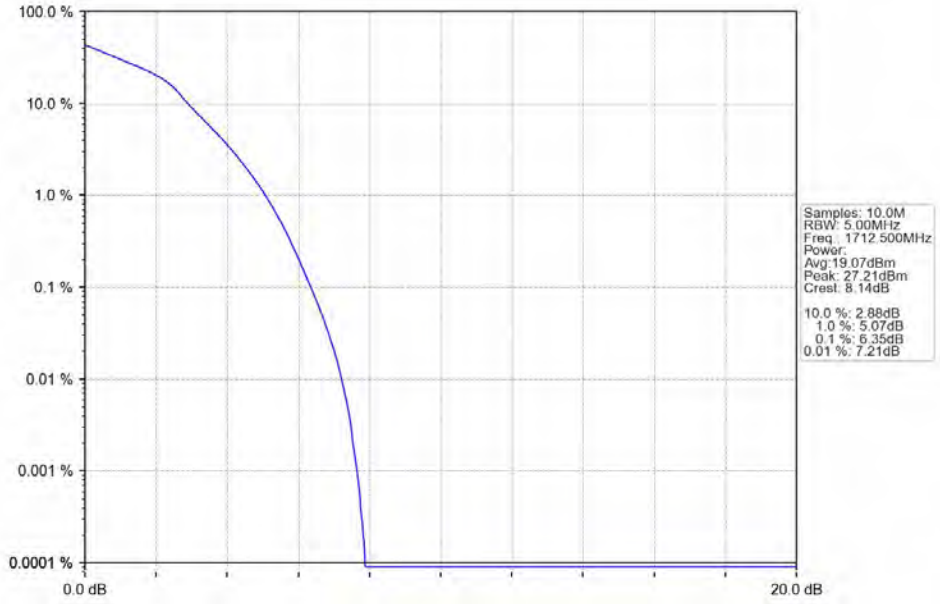
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



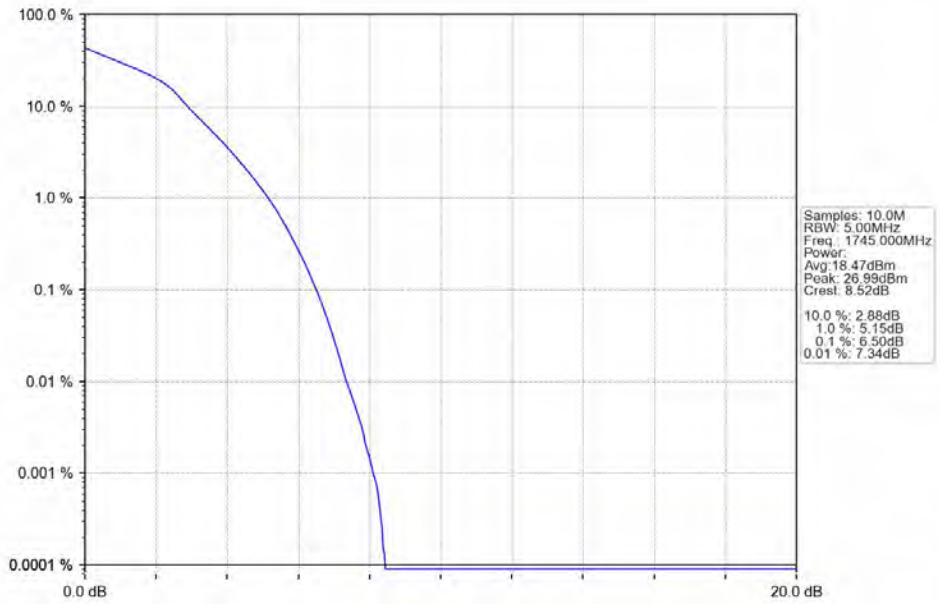
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



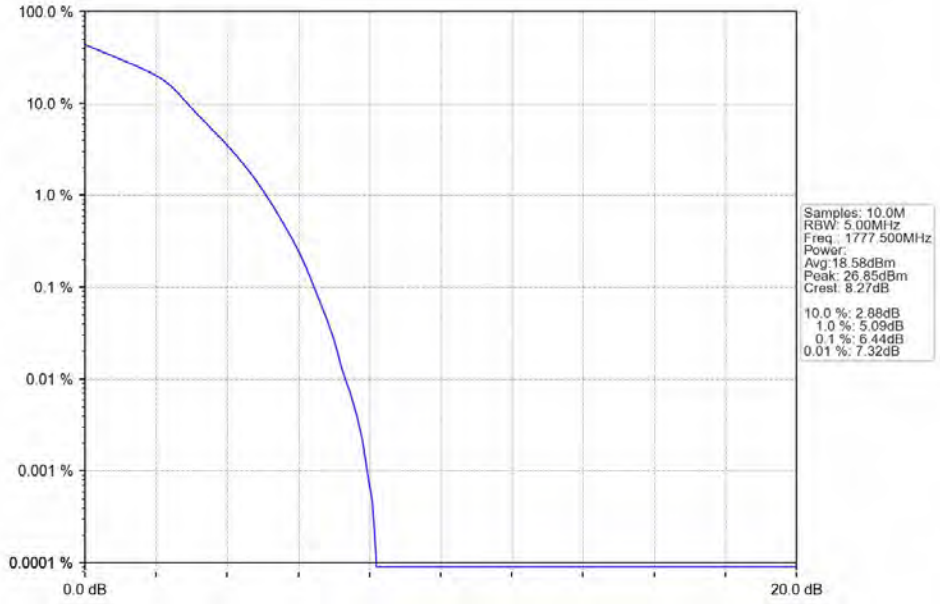
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



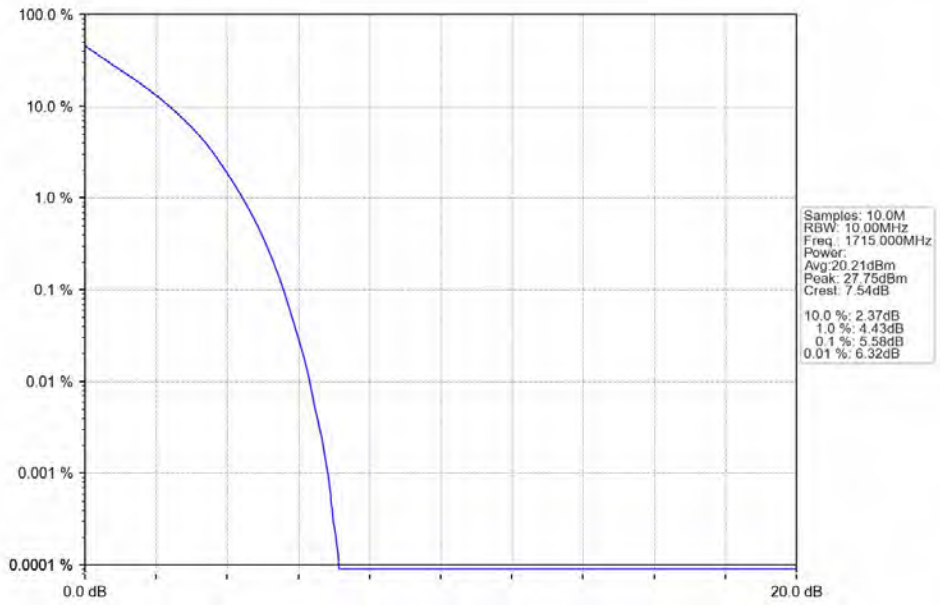
5.4 B66_10MHz

5.4.1 Test Result

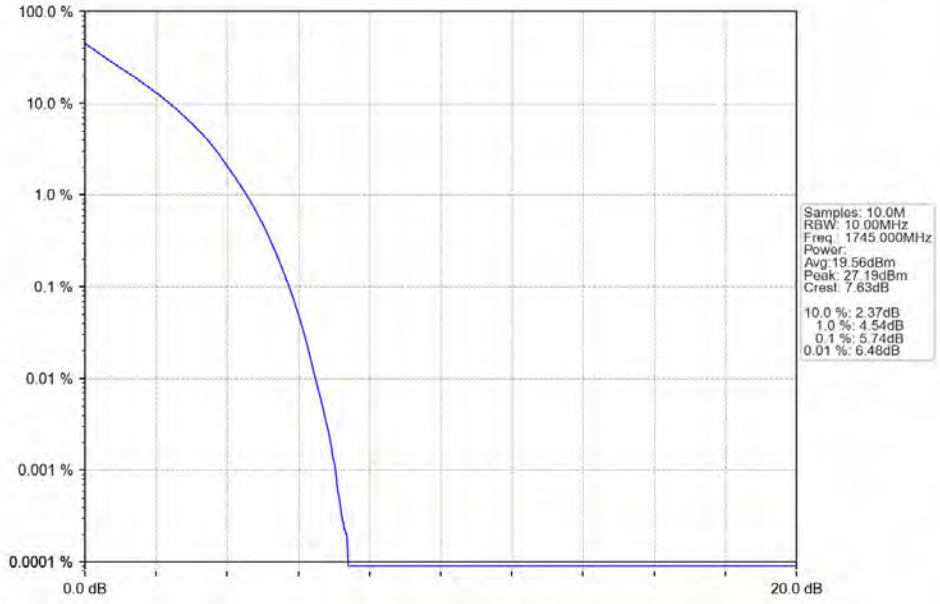
Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.58	<=13	Pass
	1745	50	0	5.74	<=13	Pass
	1775	50	0	5.74	<=13	Pass
16QAM	1715	50	0	6.32	<=13	Pass
	1745	50	0	6.52	<=13	Pass
	1775	50	0	6.55	<=13	Pass

5.4.2 Test Graph

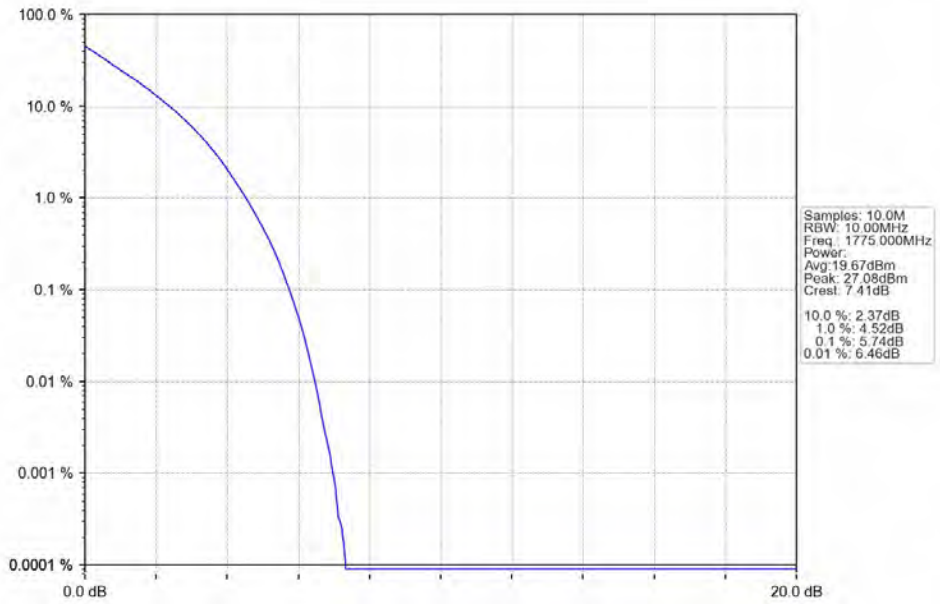
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



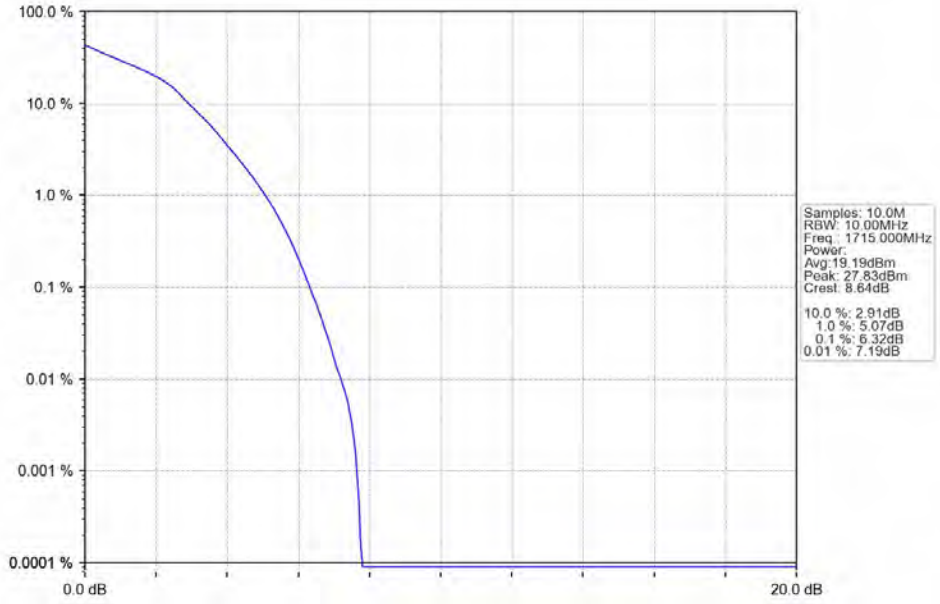
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



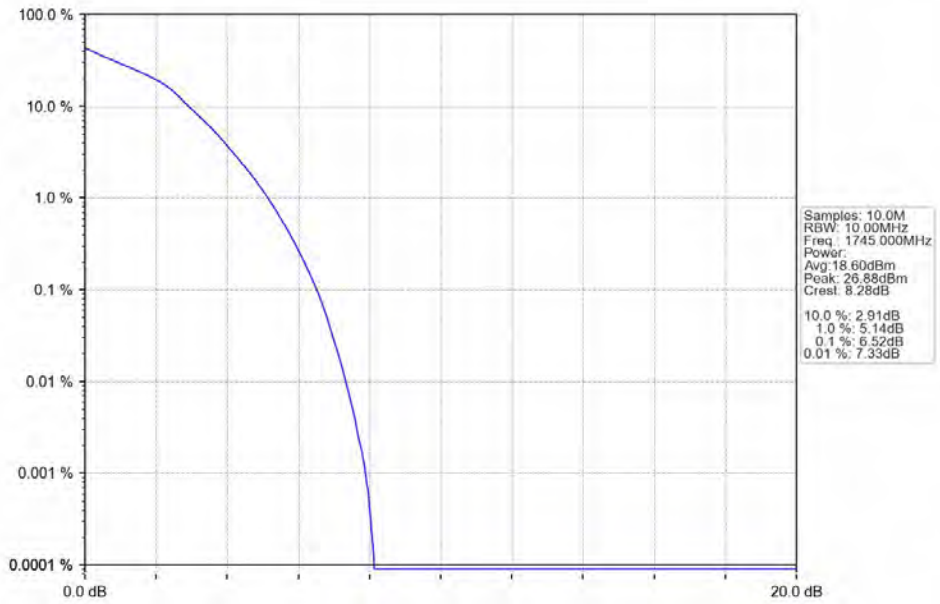
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



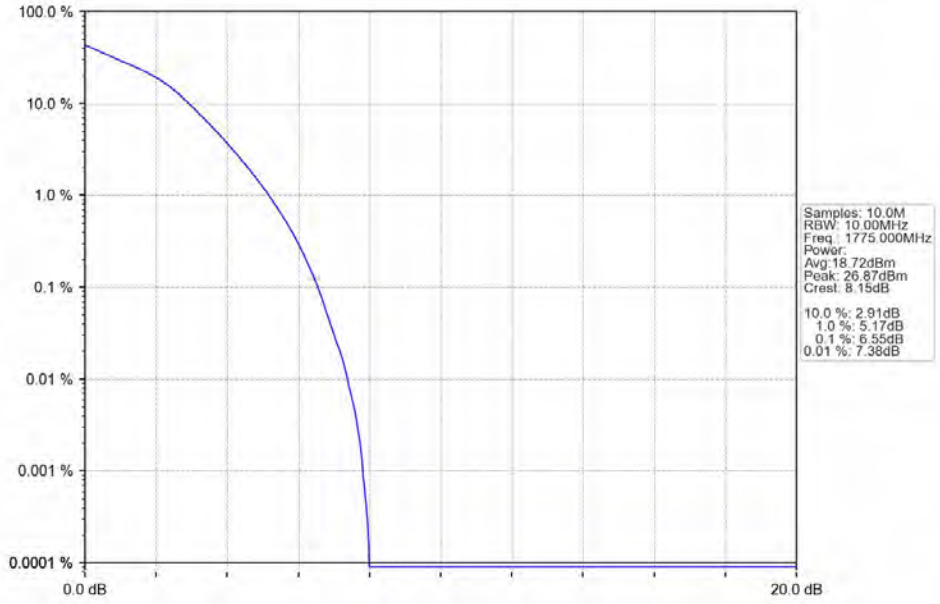
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



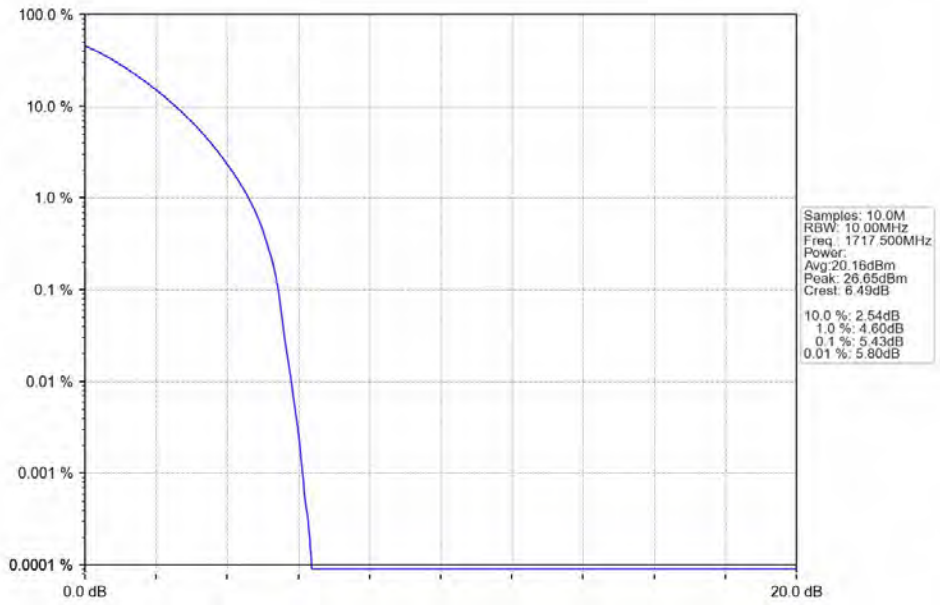
5.5 B66_15MHz

5.5.1 Test Result

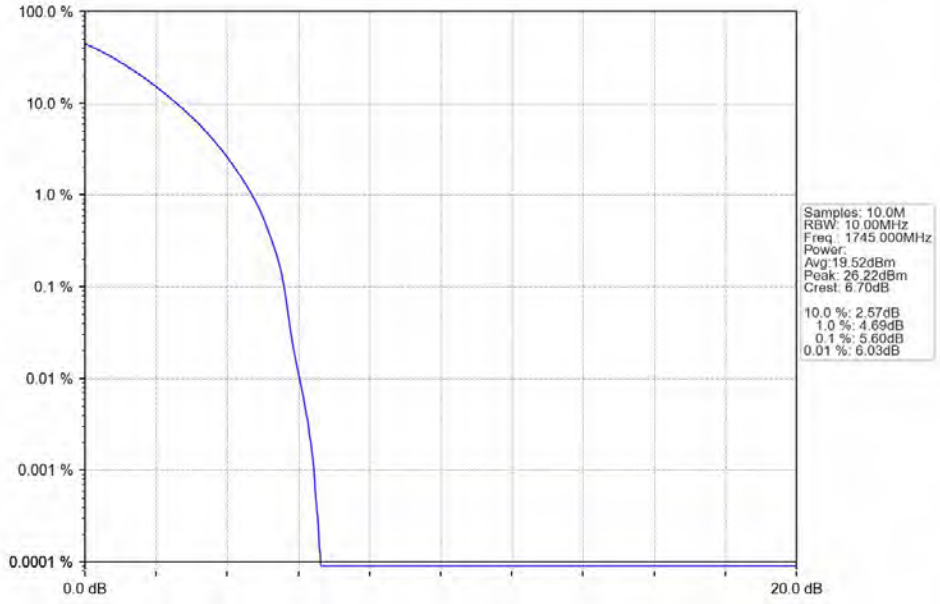
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.43	<=13	Pass
	1745	75	0	5.60	<=13	Pass
	1772.5	75	0	5.55	<=13	Pass
16QAM	1717.5	75	0	5.38	<=13	Pass
	1745	75	0	5.71	<=13	Pass
	1772.5	75	0	5.54	<=13	Pass

5.5.2 Test Graph

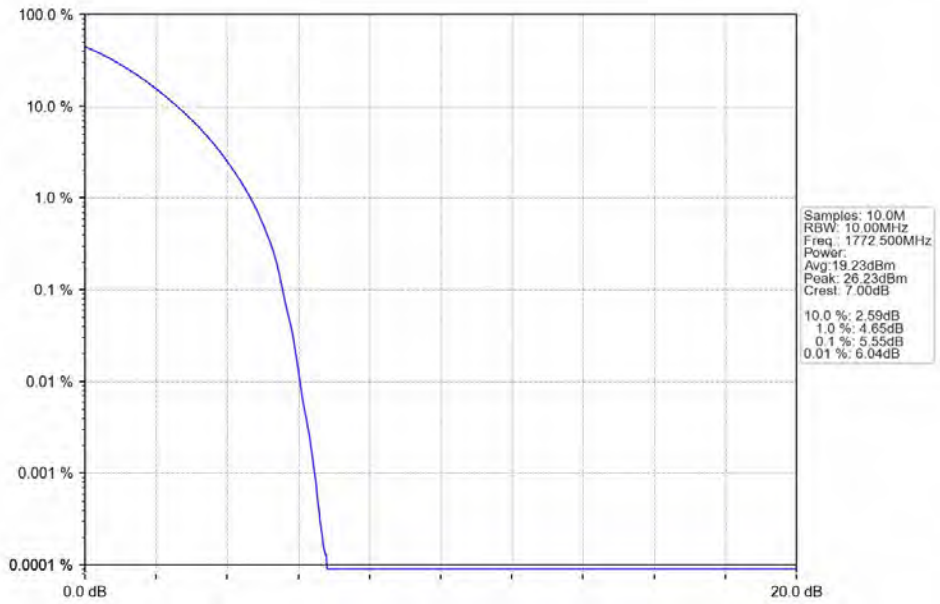
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



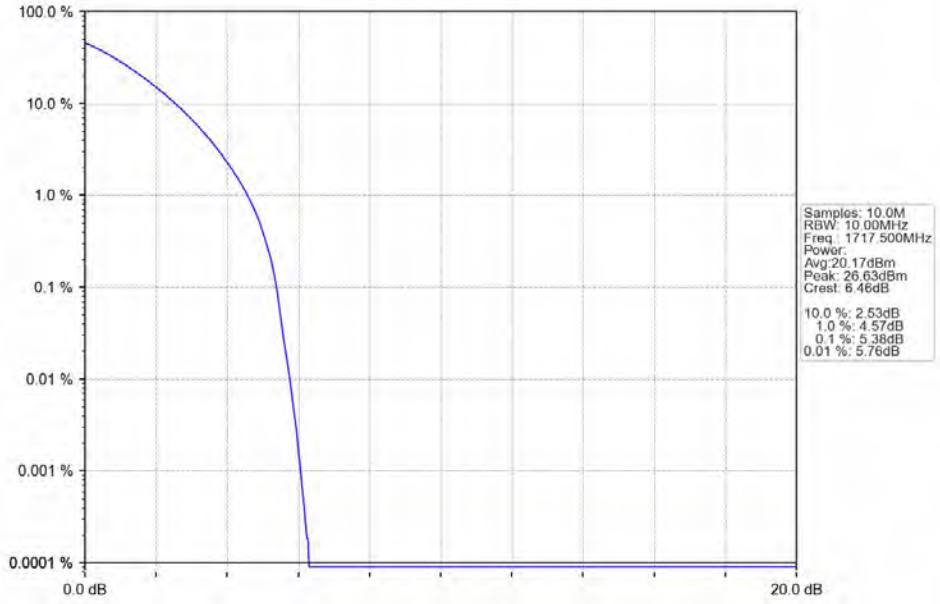
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



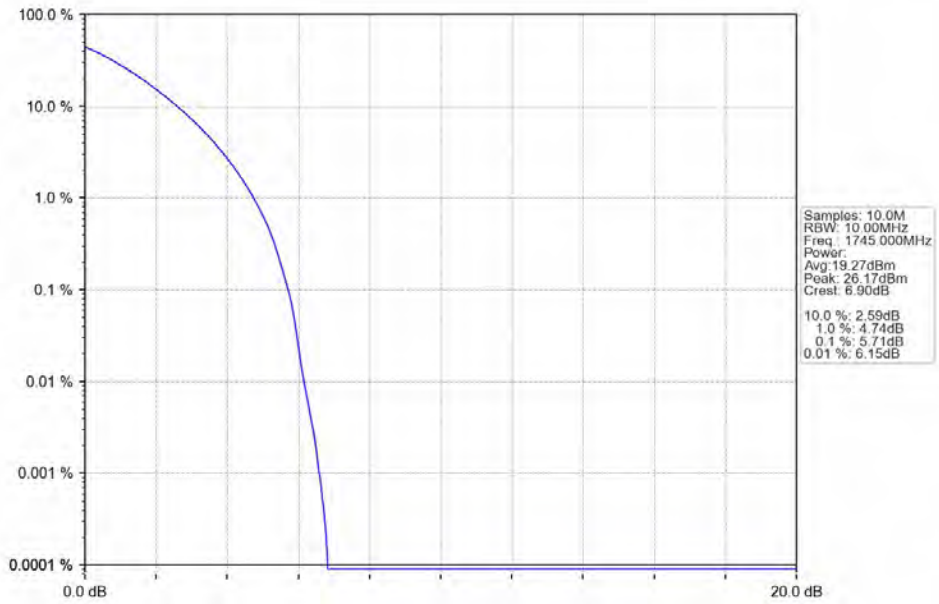
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



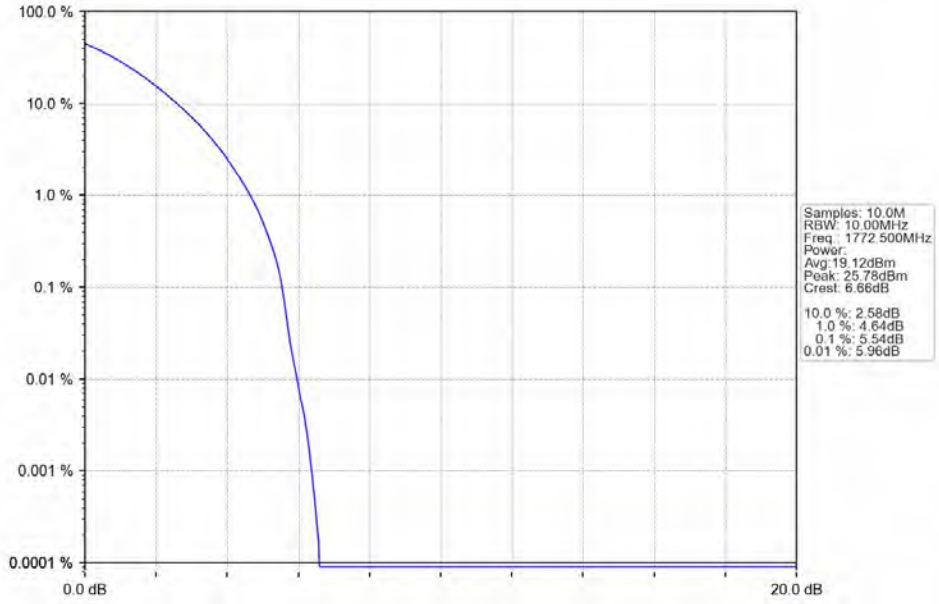
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



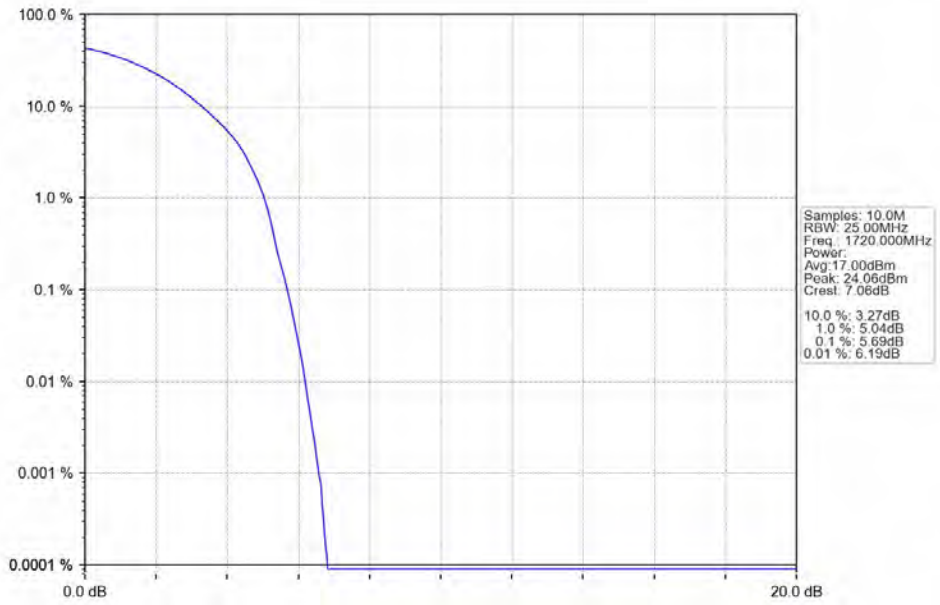
5.6 B66_20MHz

5.6.1 Test Result

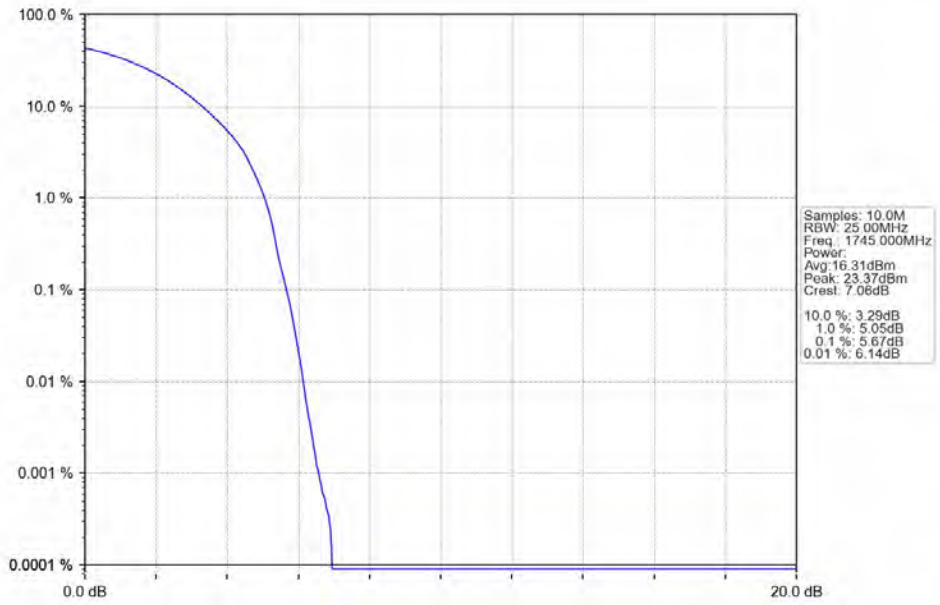
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.69	<=13	Pass
	1745	100	0	5.67	<=13	Pass
	1770	100	0	5.59	<=13	Pass
16QAM	1720	100	0	6.71	<=13	Pass
	1745	100	0	6.74	<=13	Pass
	1770	100	0	6.73	<=13	Pass

5.6.2 Test Graph

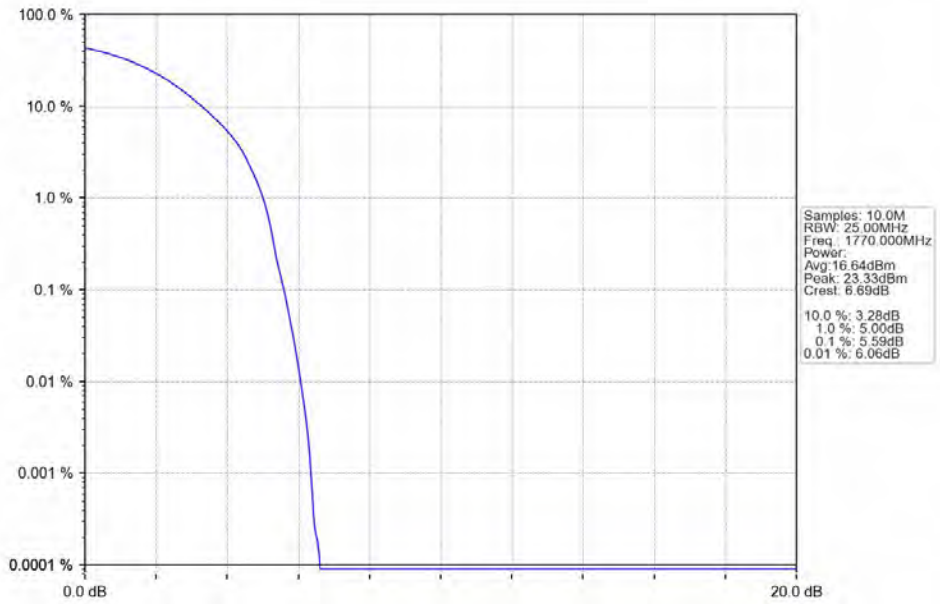
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



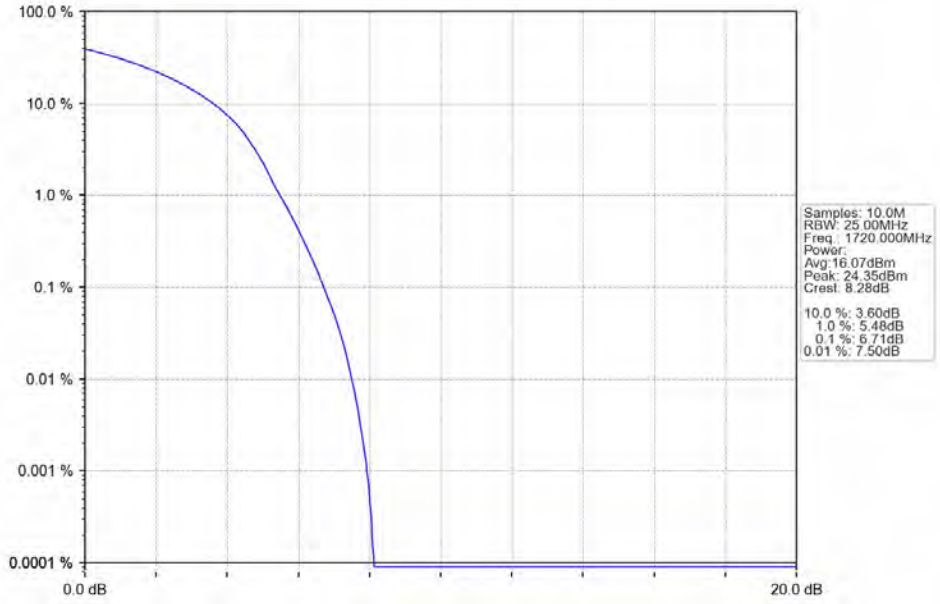
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



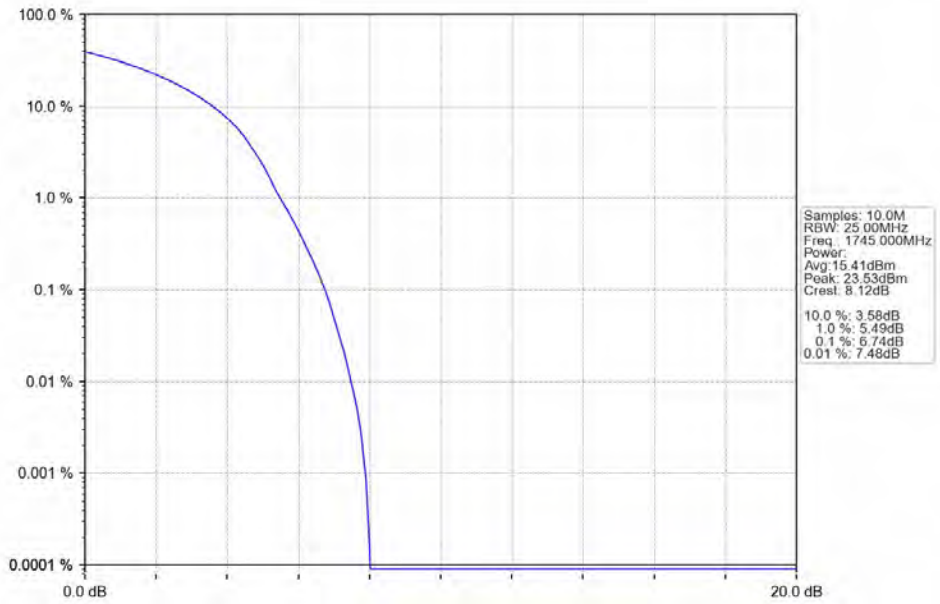
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



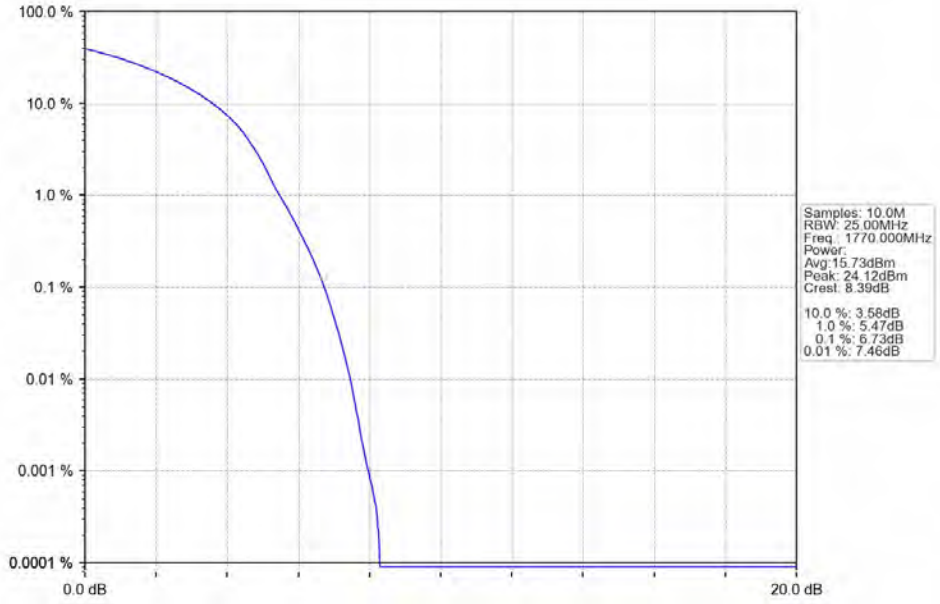
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



6. Spurious Emission

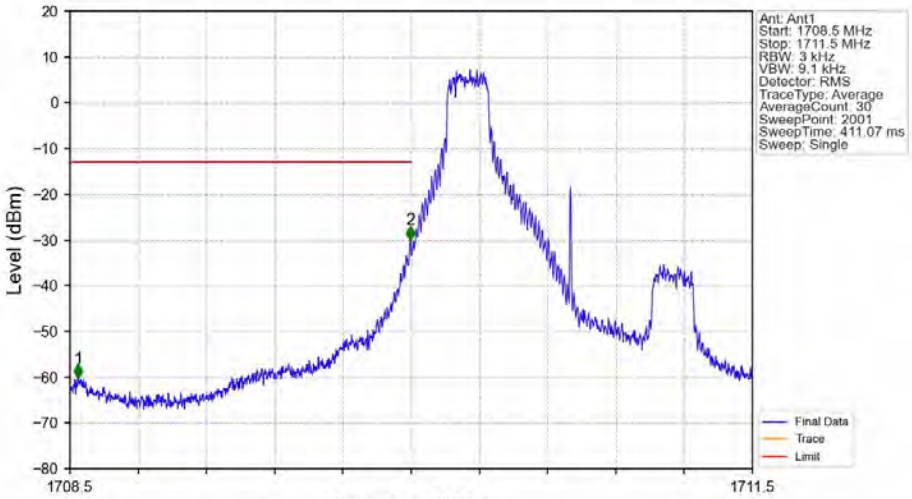
6.1 B66_1.4MHz

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

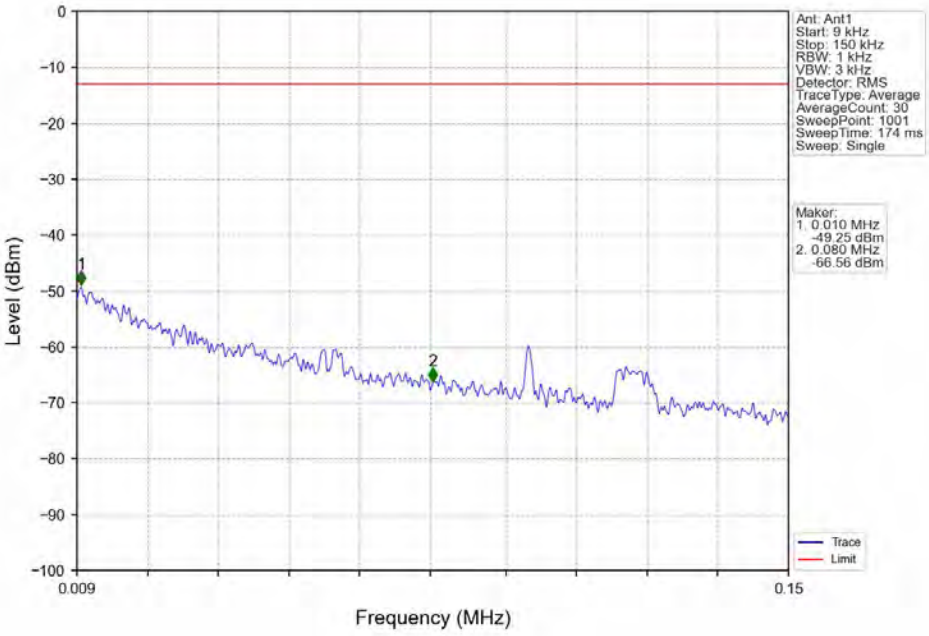
6.1.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

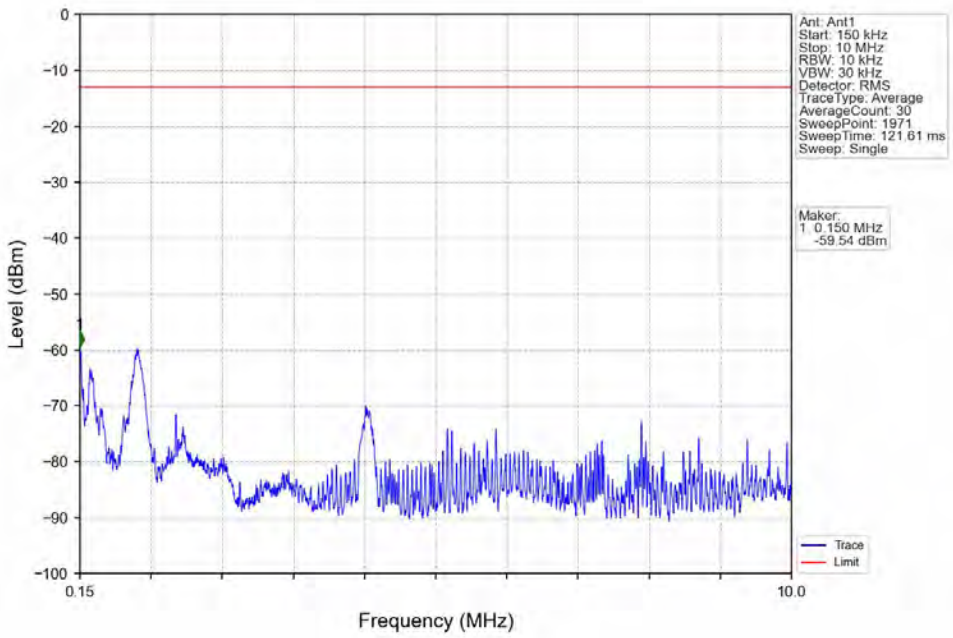


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.536	-60.30	-13	Pass
1709	1710	0.003	/	2	1709.995	-30.02	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

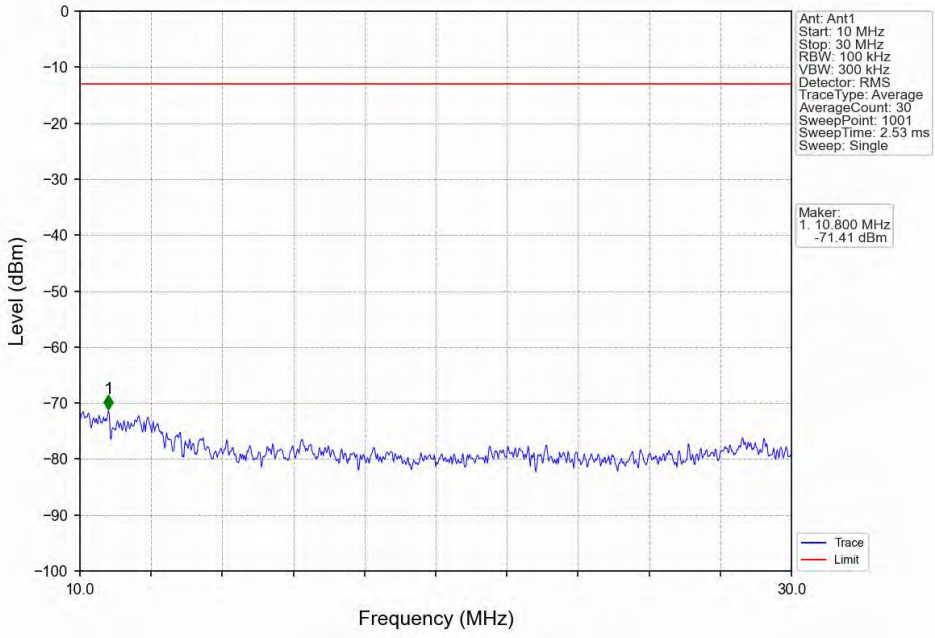
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



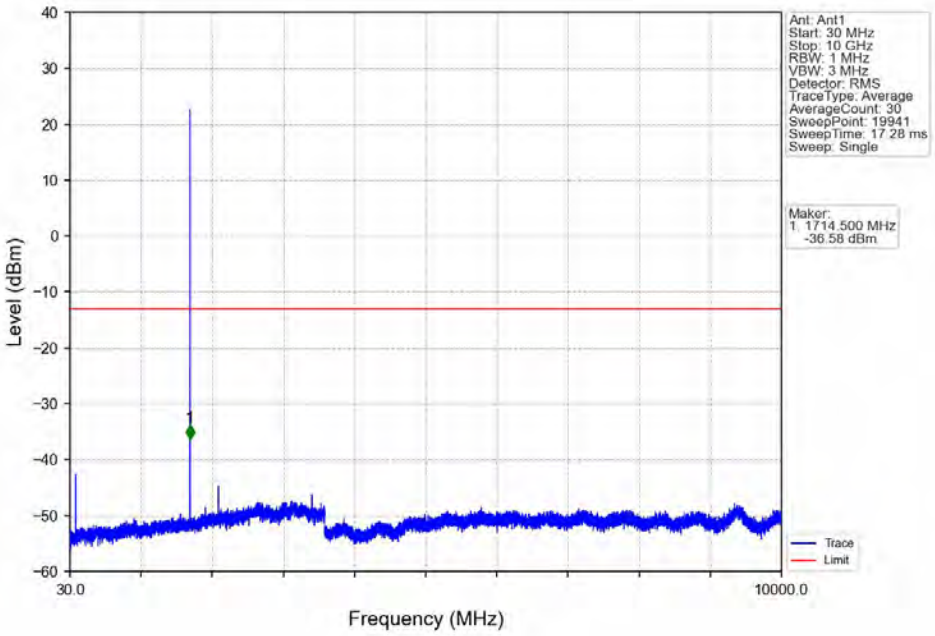
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



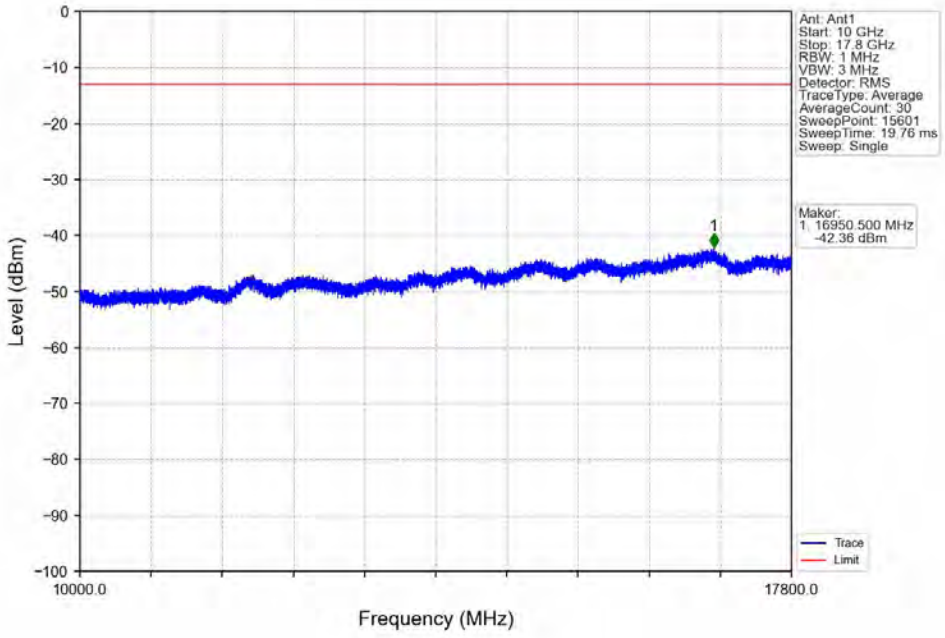
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



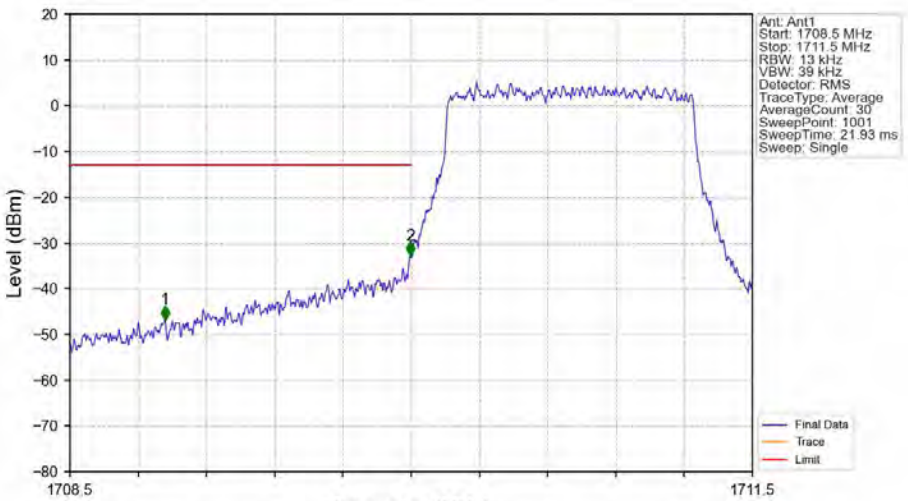
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

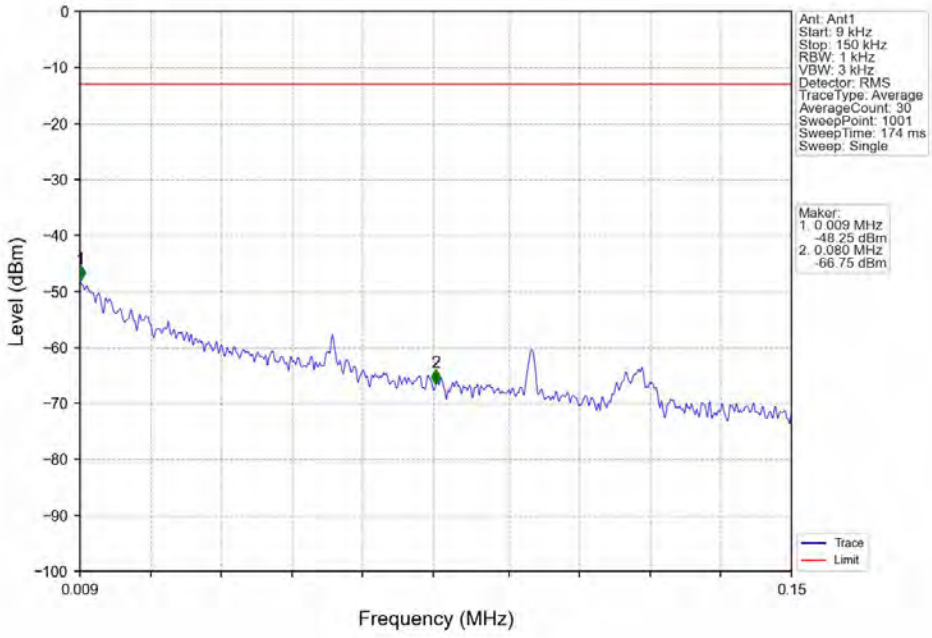


Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

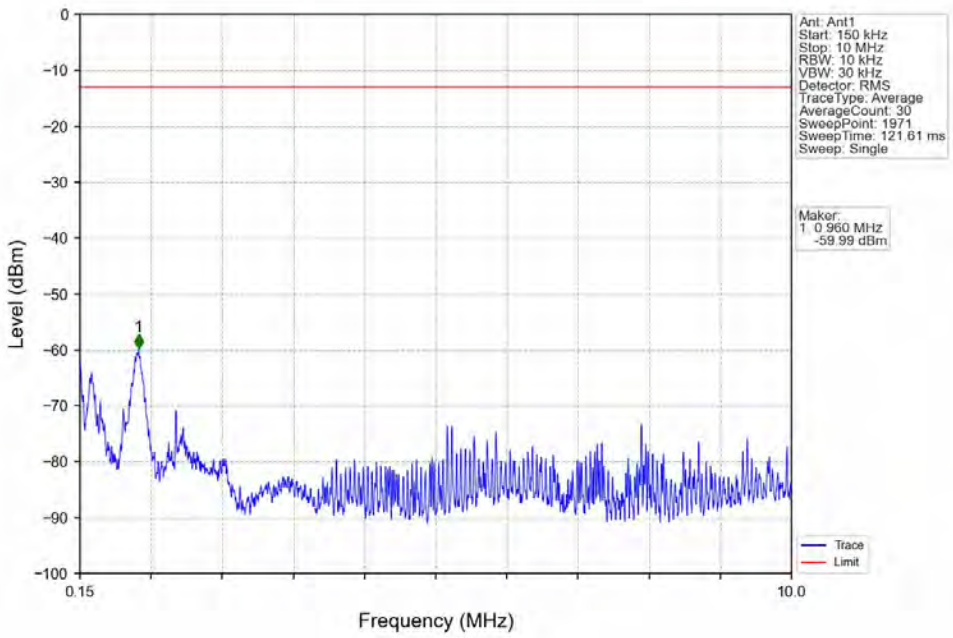


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.917	-46.78	-13	Pass
1709	1710	0.013	/	2	1709.997	-32.77	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

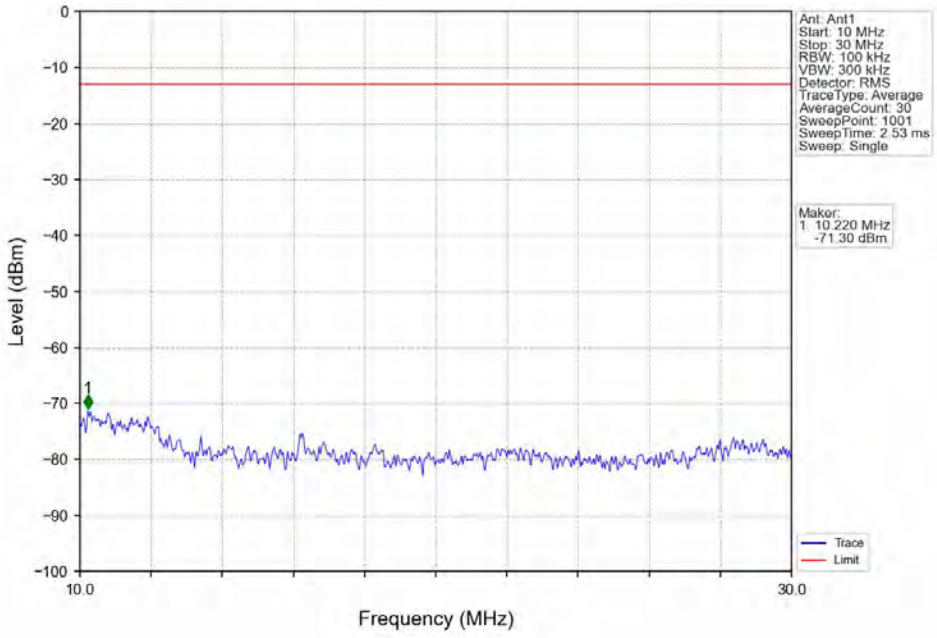
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



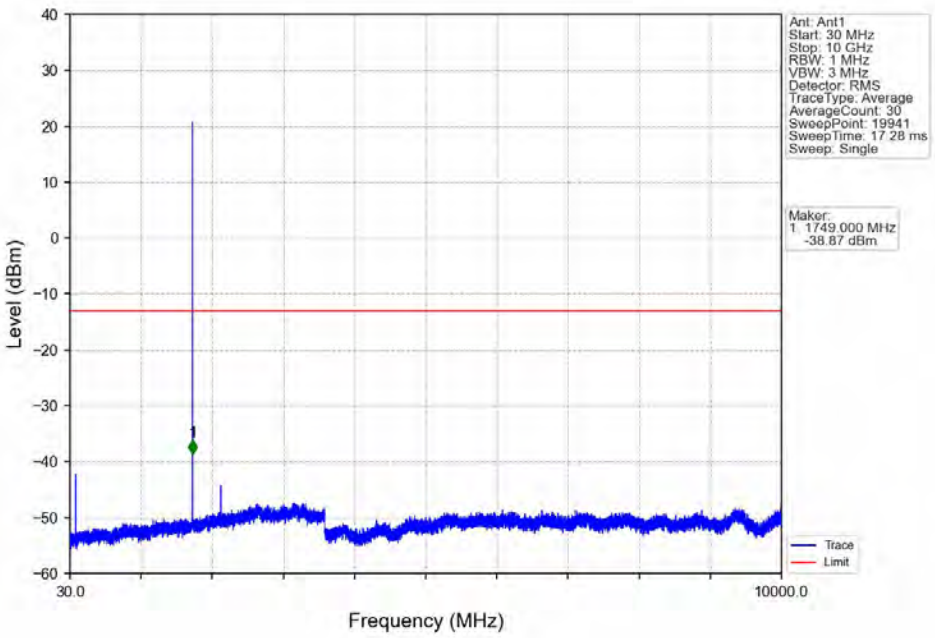
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



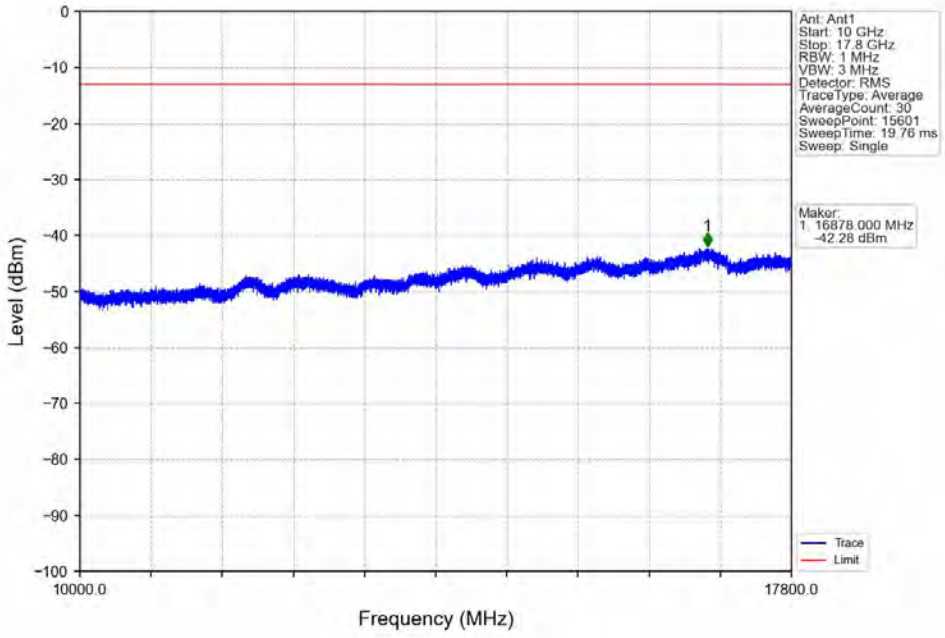
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



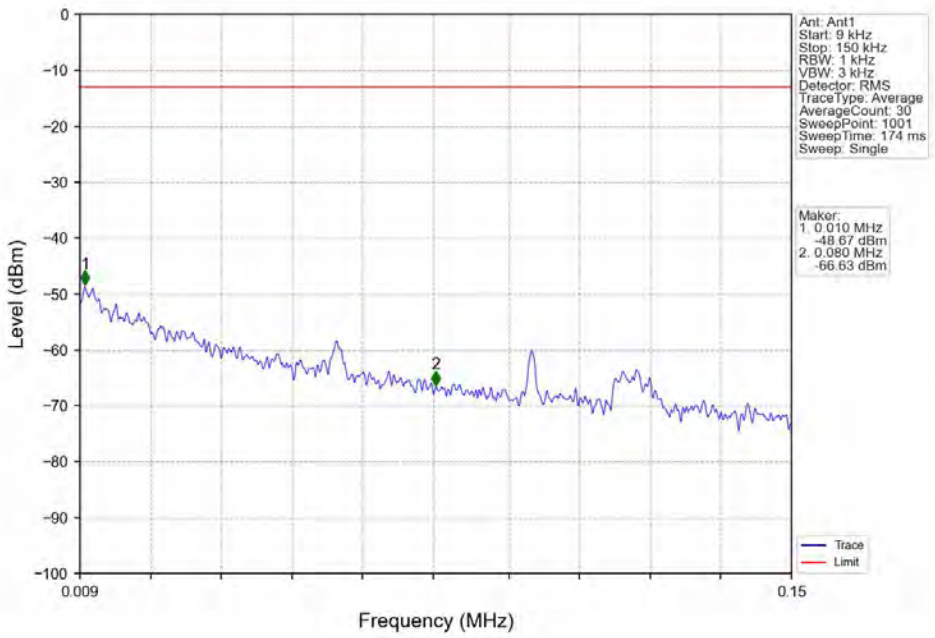
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



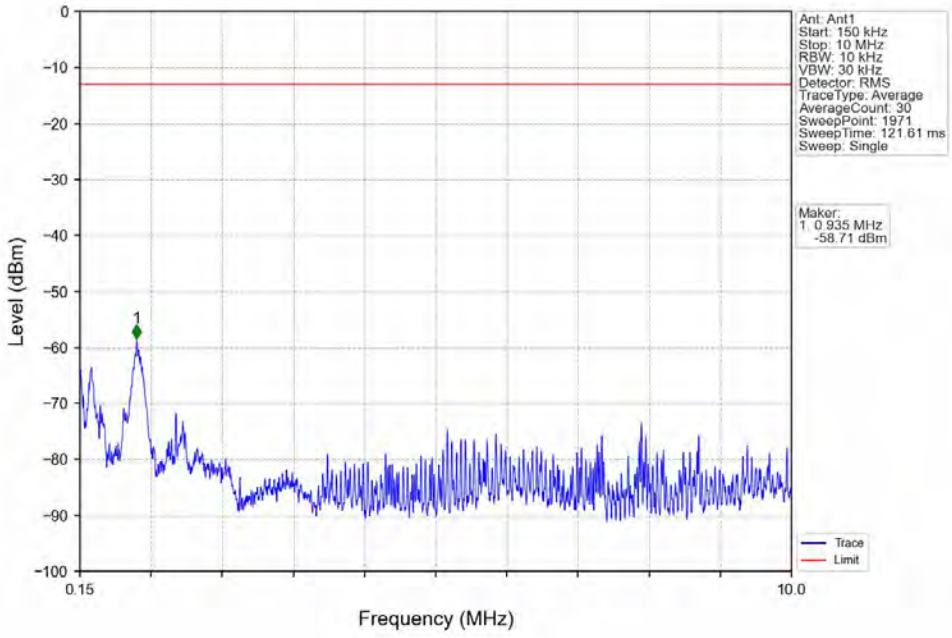
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



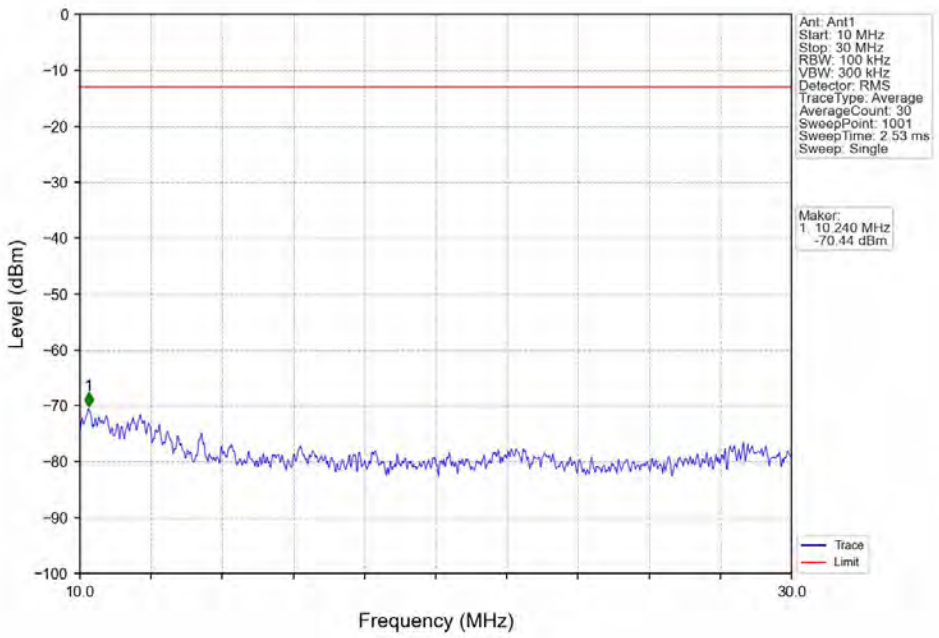
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



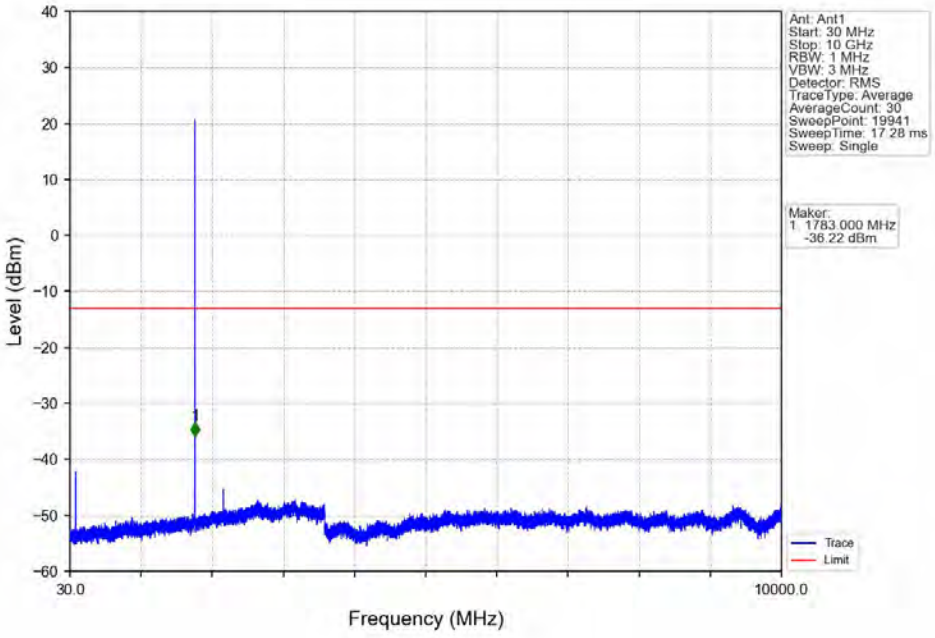
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



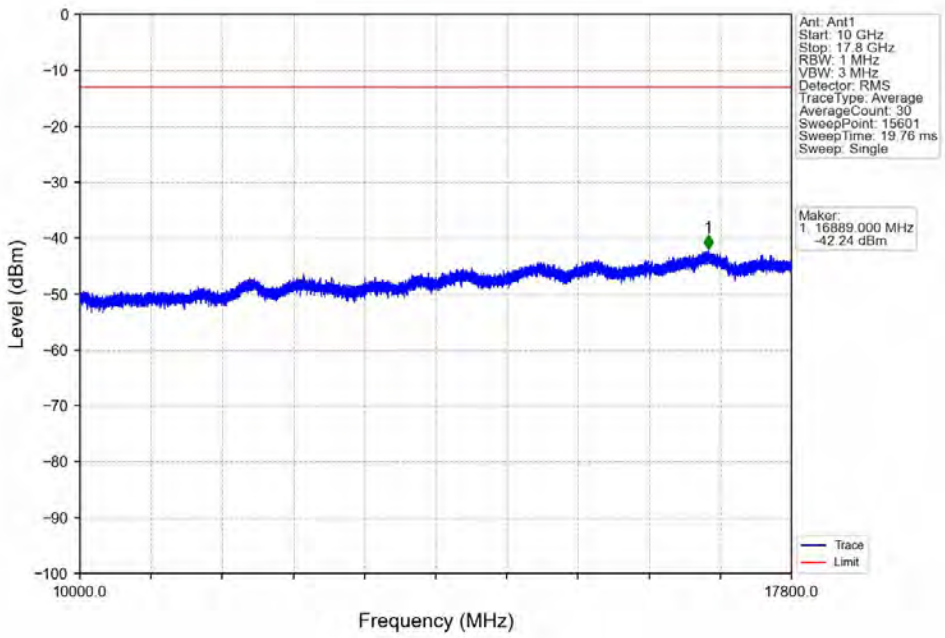
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



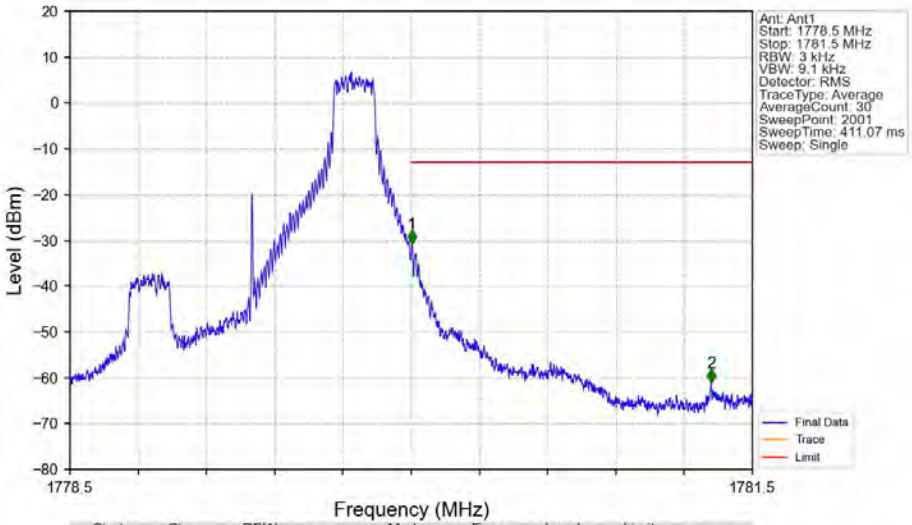
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV

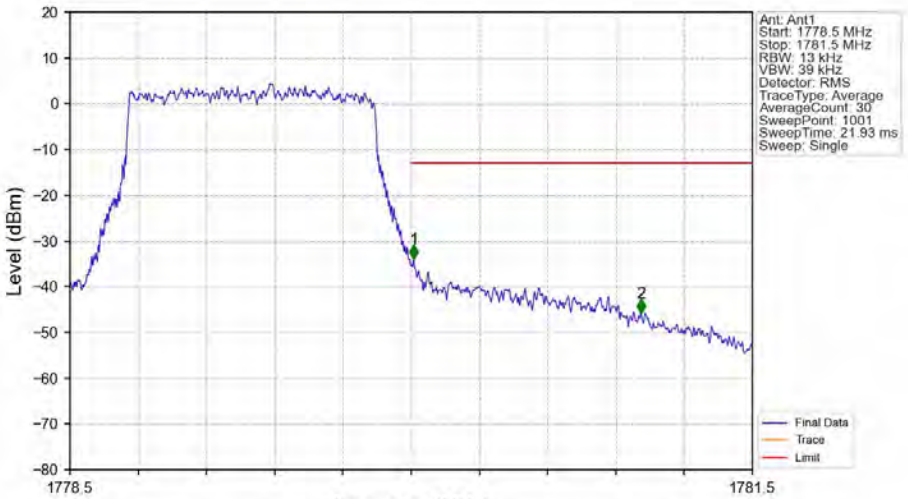


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_5_NTNV



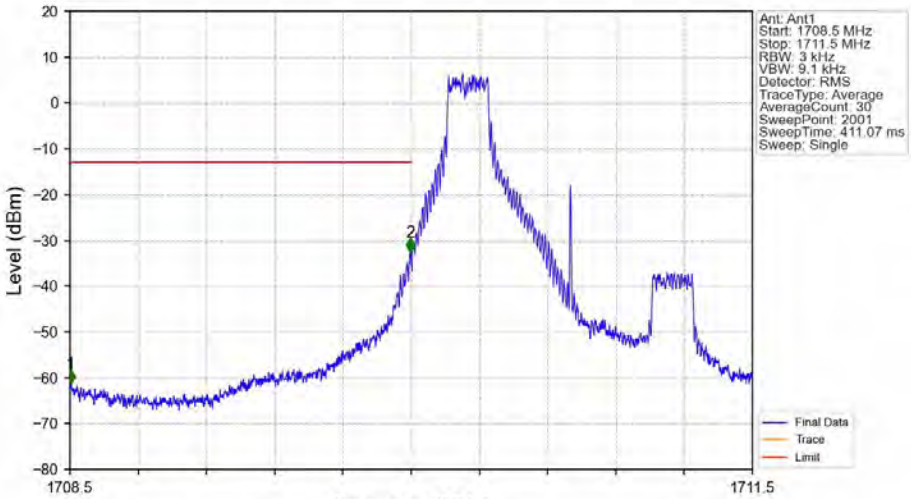
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-30.82	-13	Pass
1781	1781.5	1	/	2	1781.319	-61.20	-13	Pass

Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



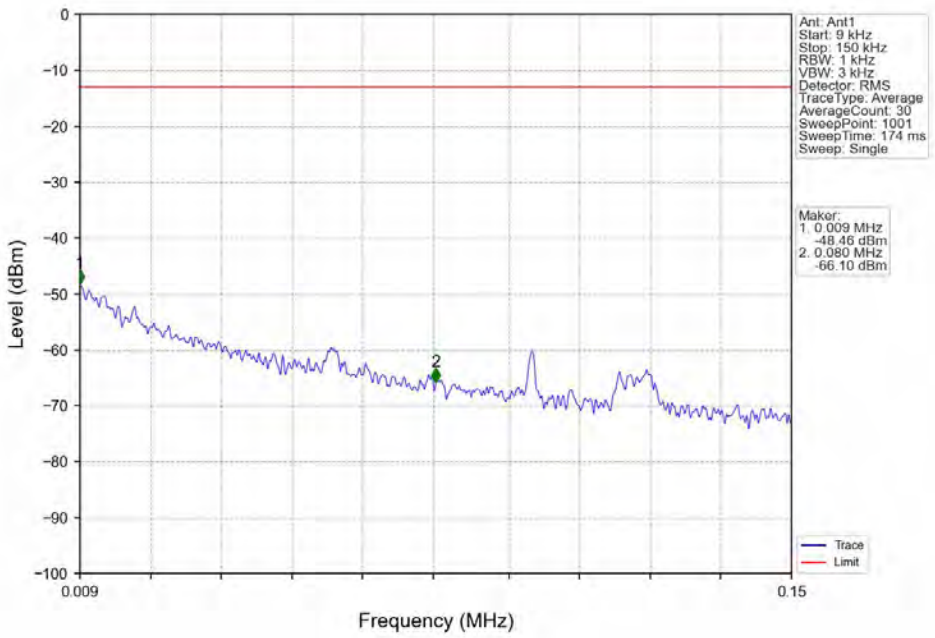
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.013	/	/	/	/	/	/
1780	1781	0.013	/	1	1780.012	-34.00	-13	Pass
1781	1781.5	1	/	2	1781.011	-45.73	-13	Pass

Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

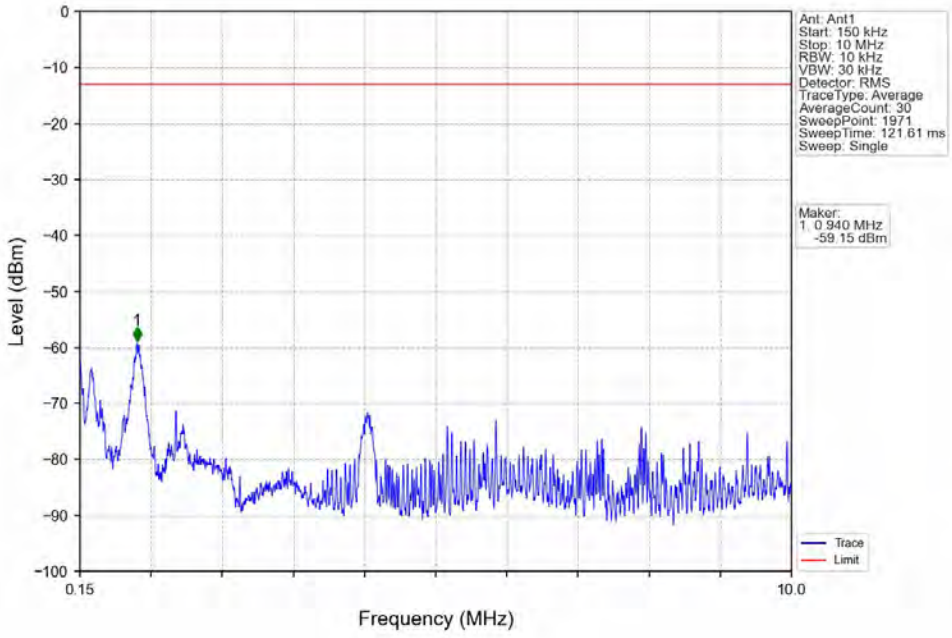


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.503	-61.28	-13	Pass
1709	1710	0.003	/	2	1709.997	-32.57	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

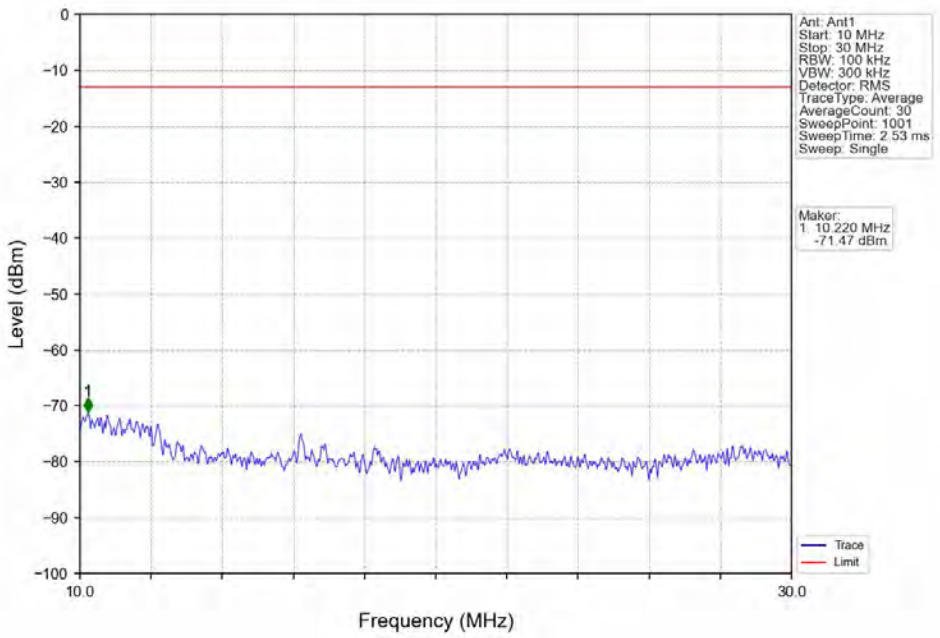
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



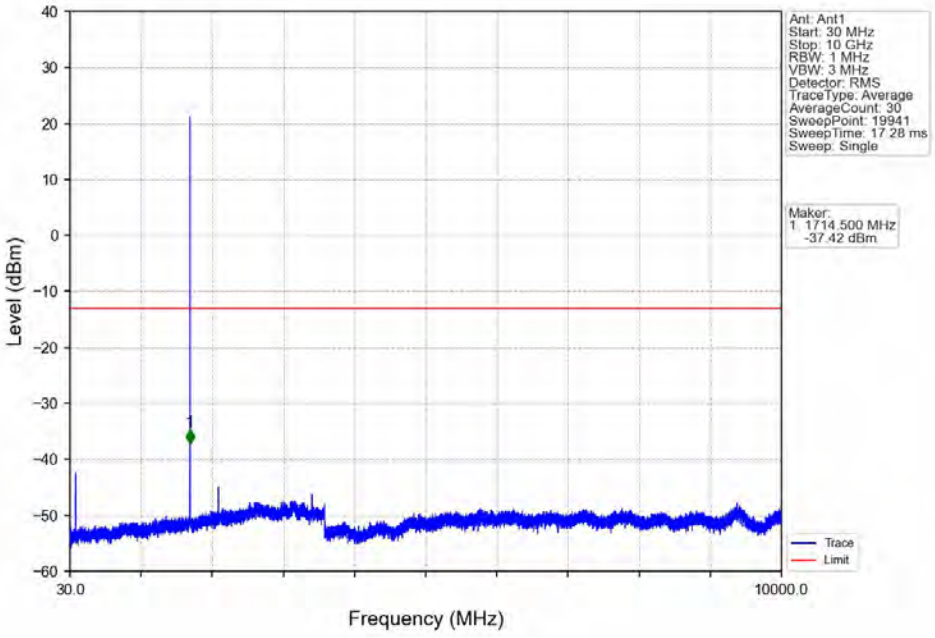
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



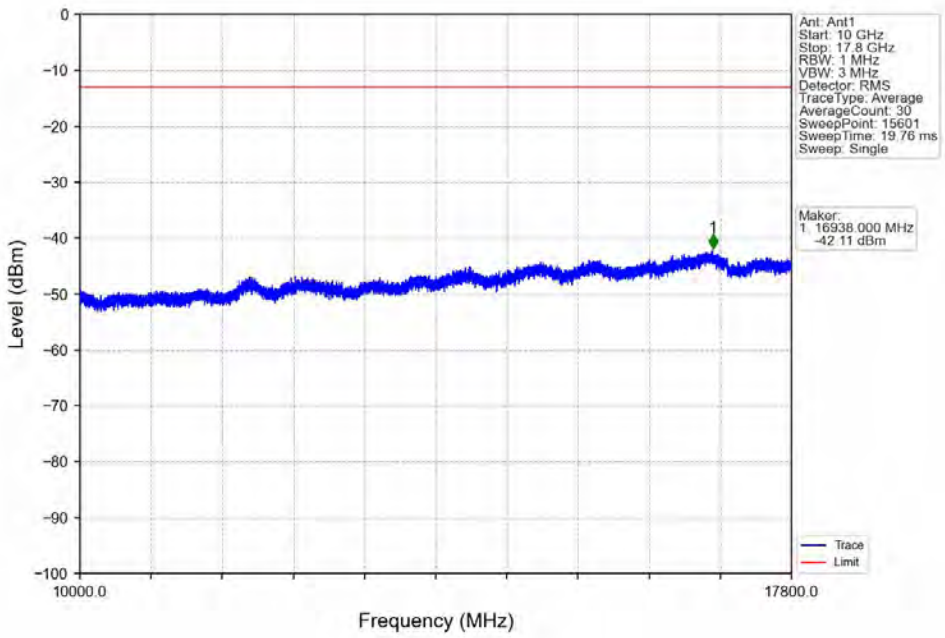
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



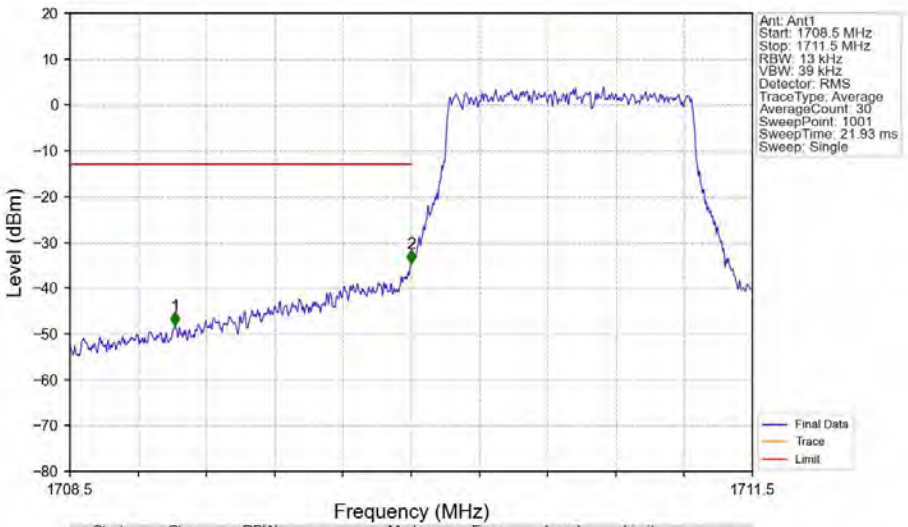
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

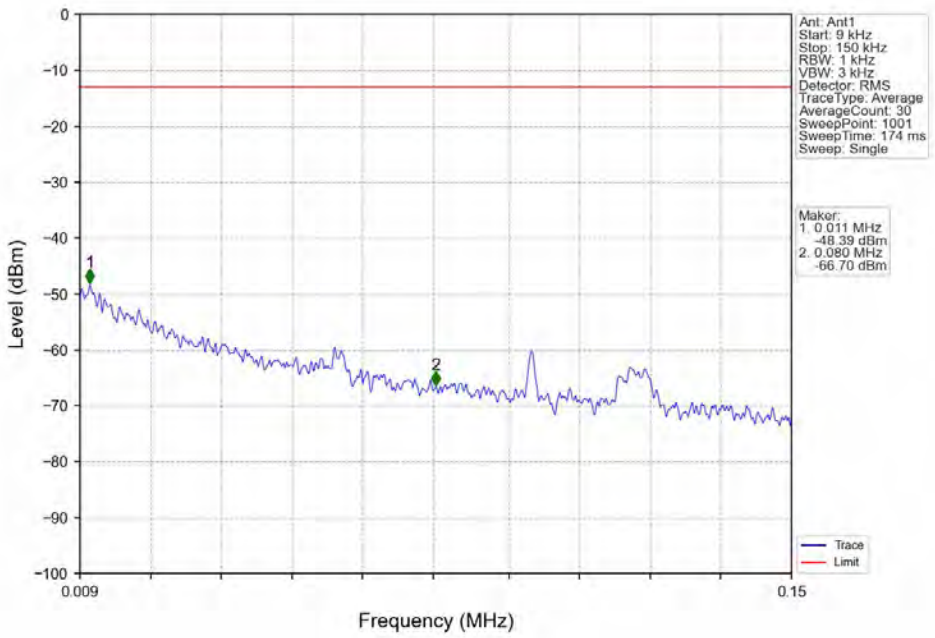


Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

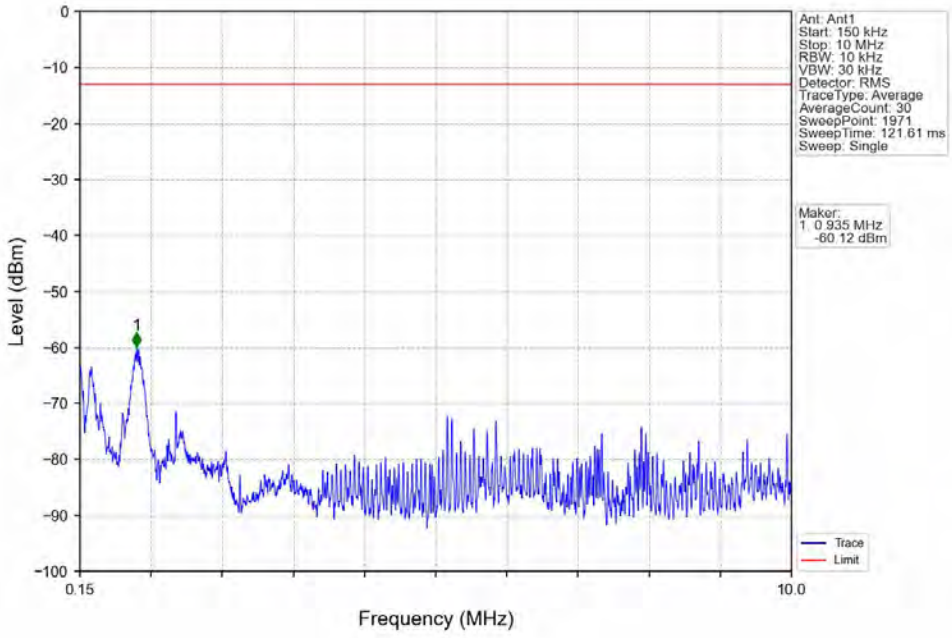


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.962	-48.31	-13	Pass
1709	1710	0.013	/	2	1710.000	-34.73	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

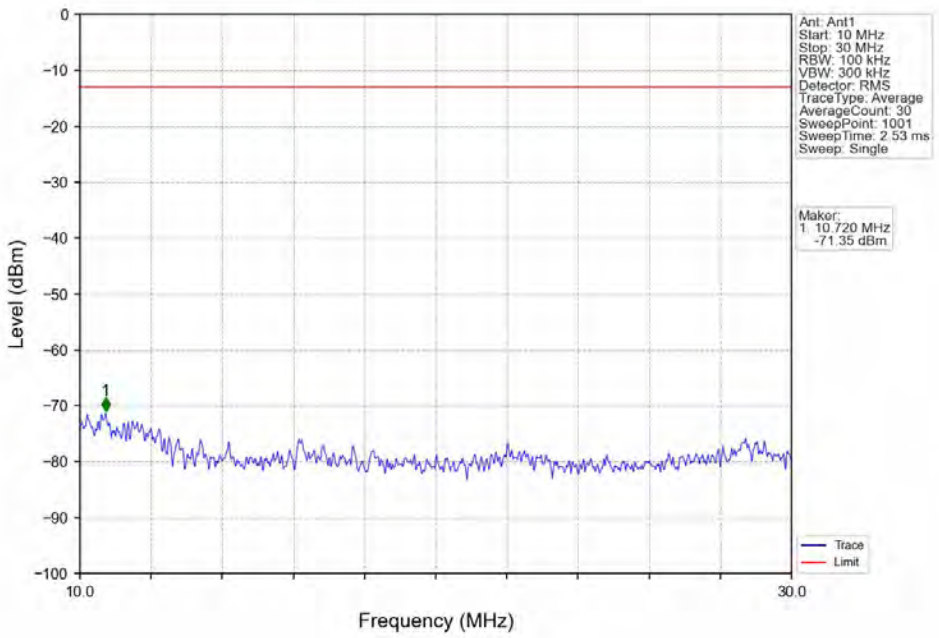
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



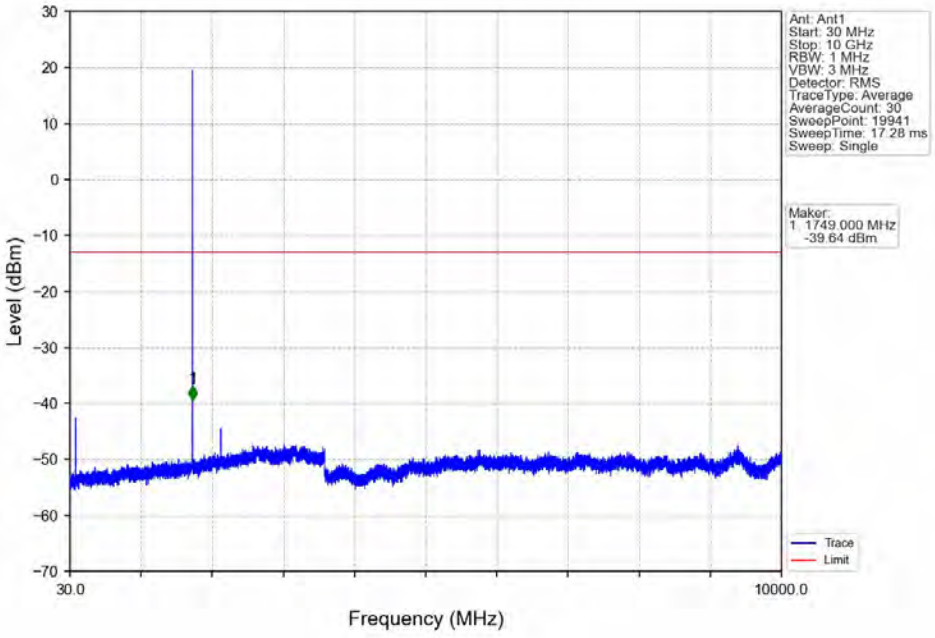
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



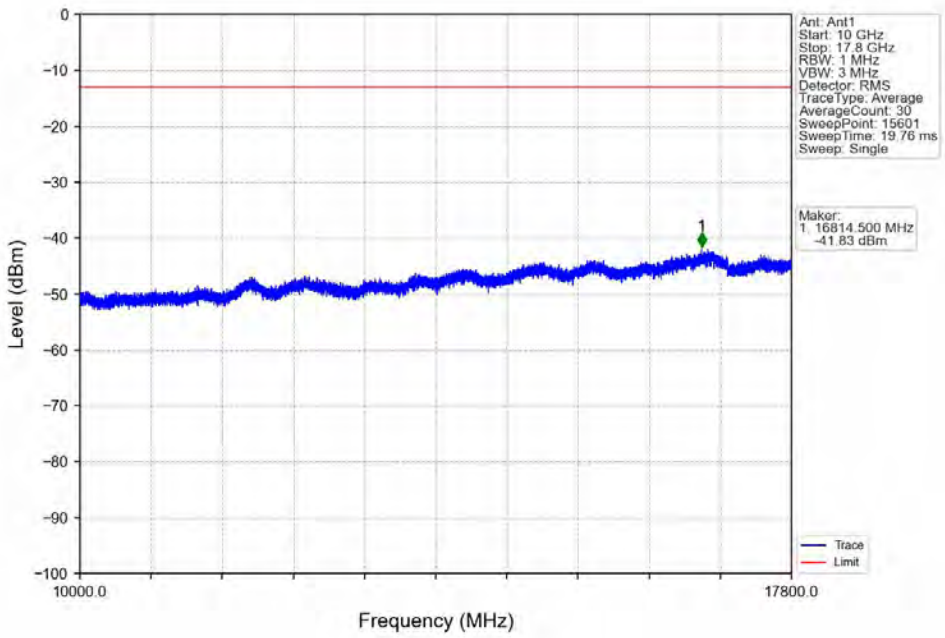
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



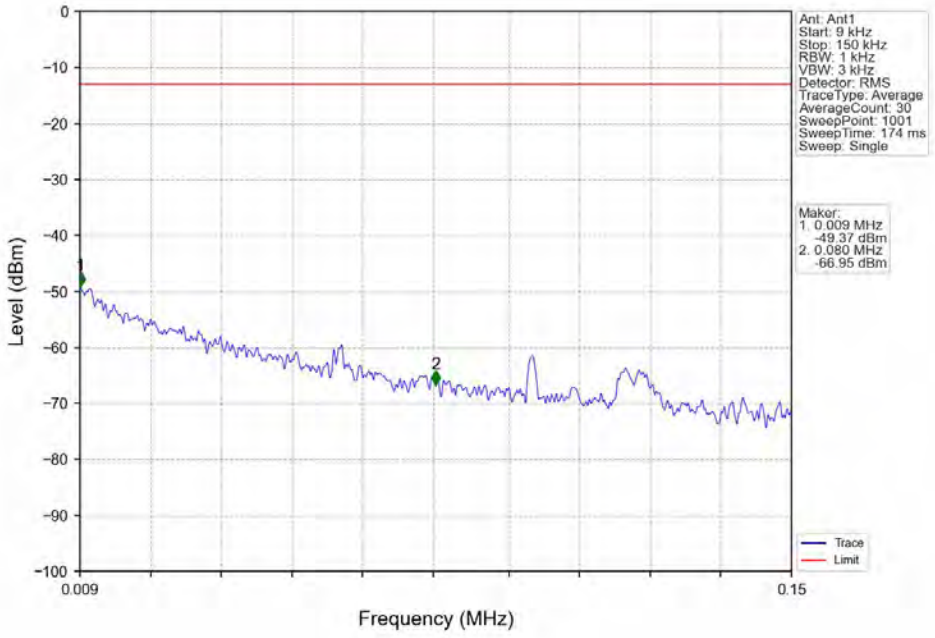
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



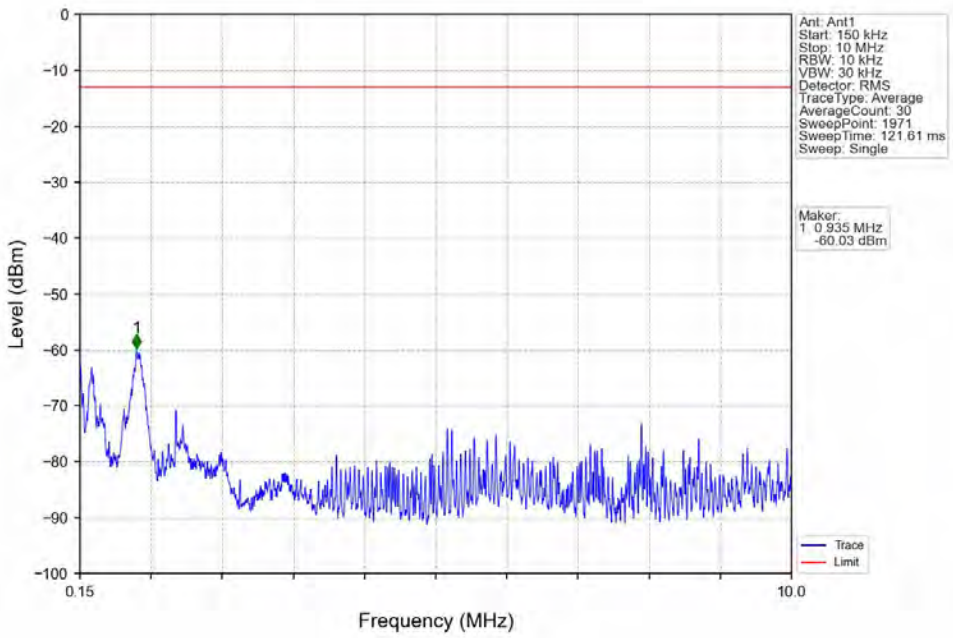
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



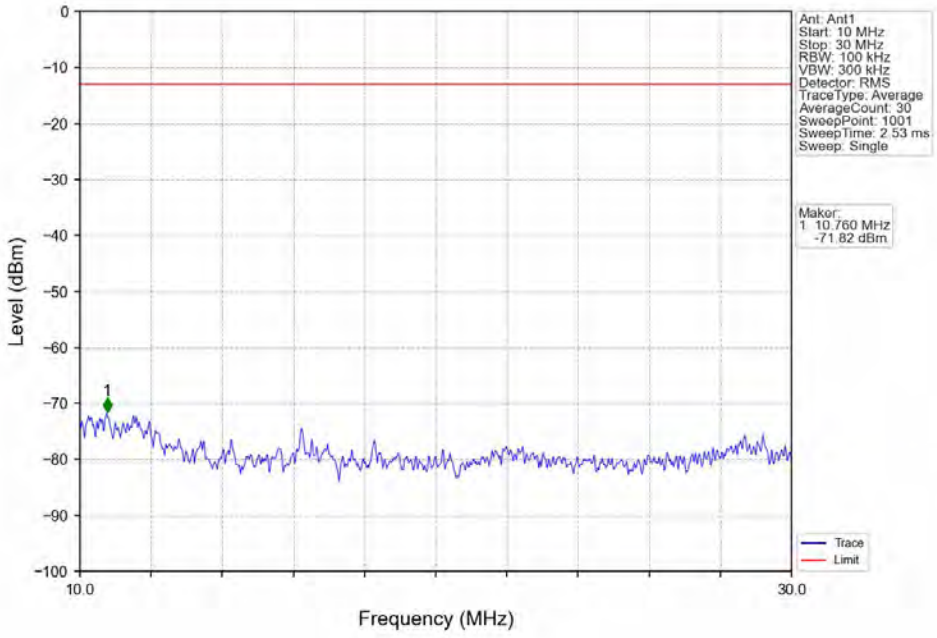
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



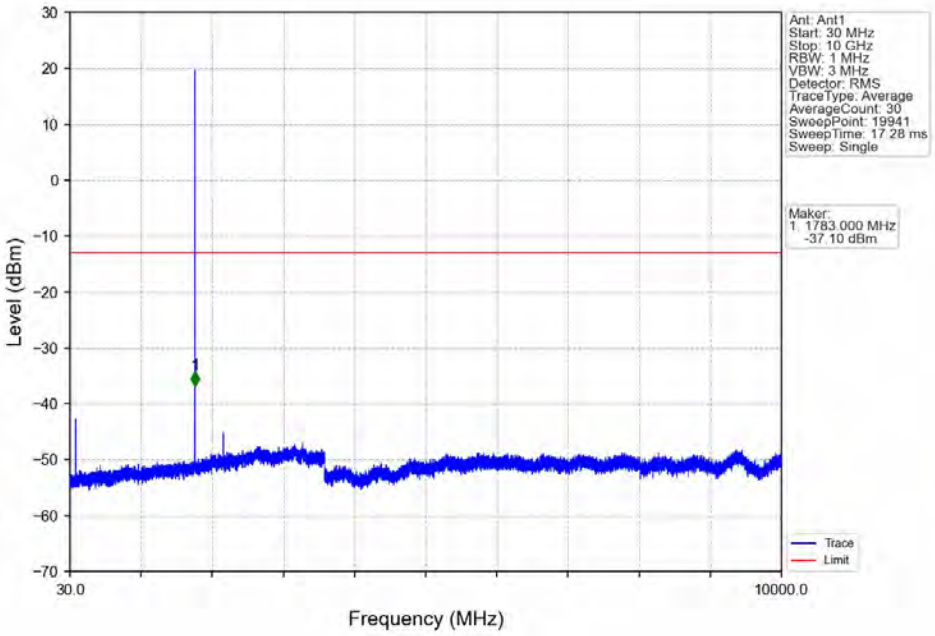
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



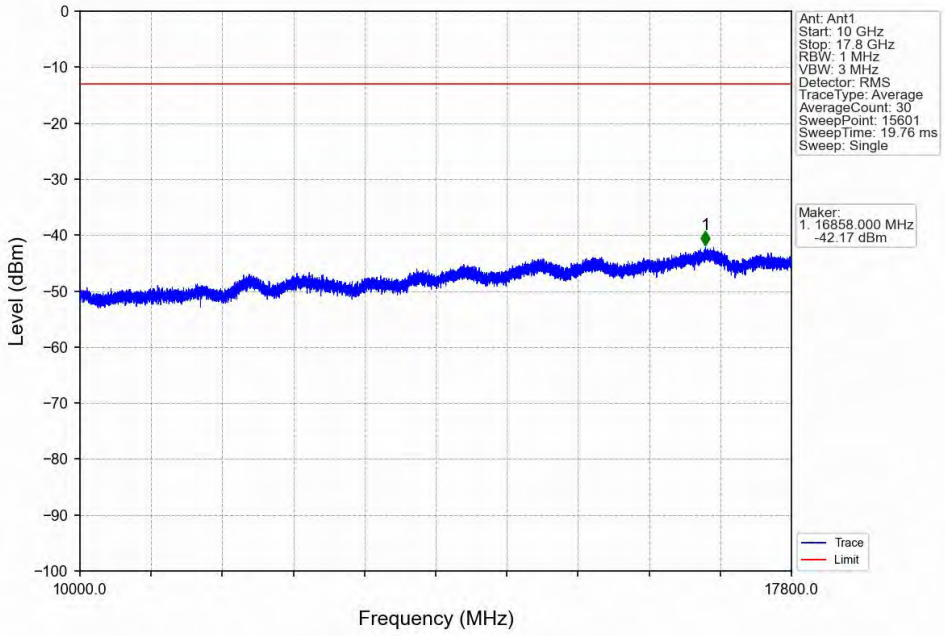
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



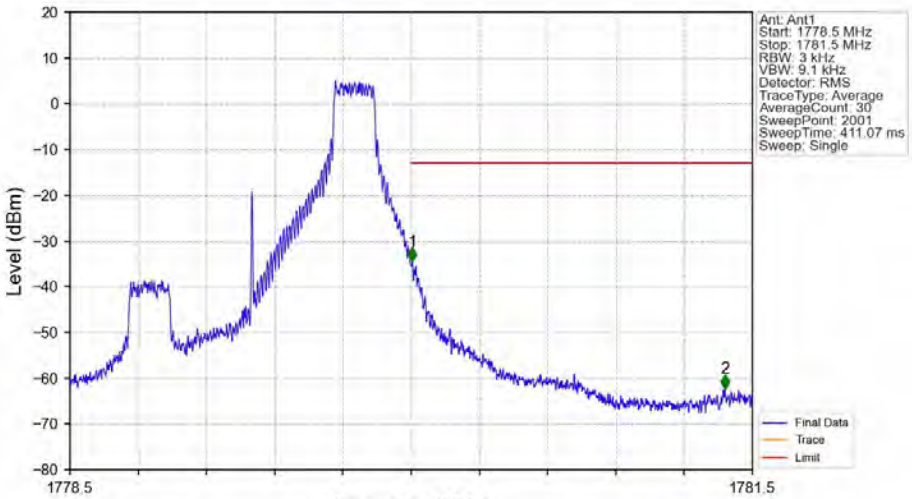
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV

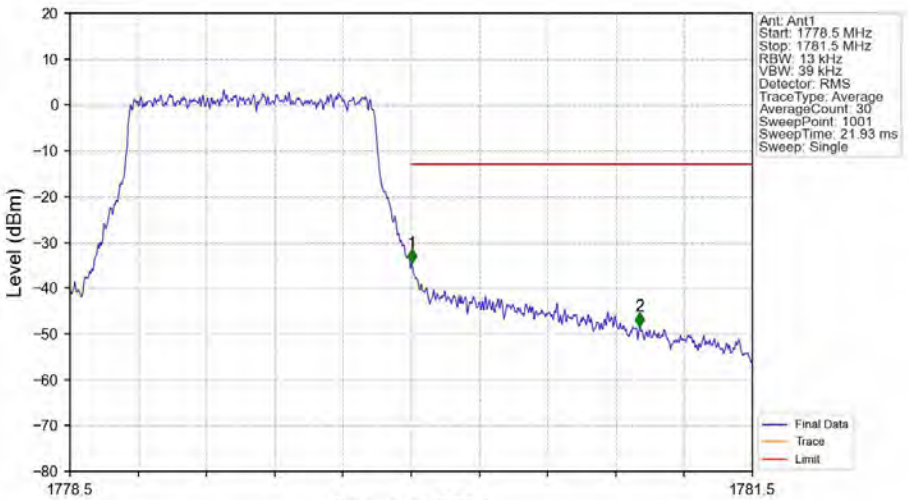


Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_5_NTNV



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	-34.57	-13	Pass
1781	1781.5	1	/	2	1781.380	-62.29	-13	Pass

Band66_1.4MHz_16QAM_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	1780.003	-34.45	-13	Pass
1781	1781.5	1	/	2	1781.005	-48.36	-13	Pass

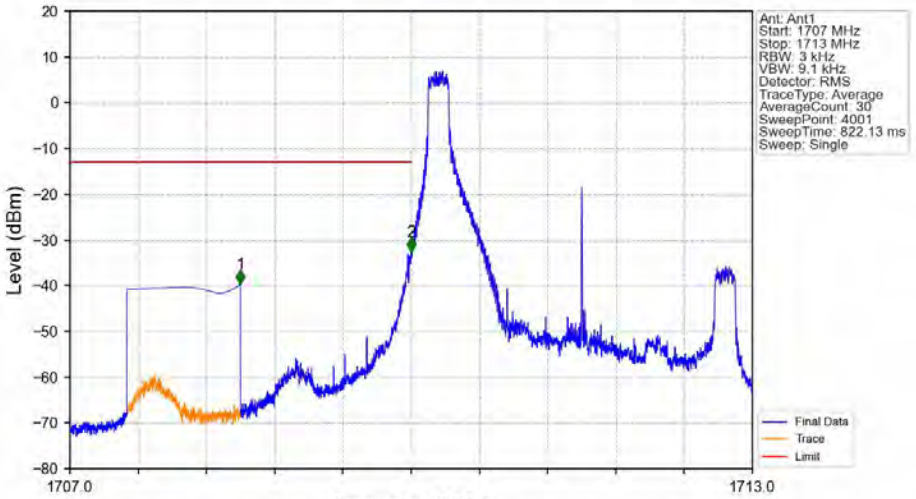
6.2 B66_3MHz

6.2.1 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
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

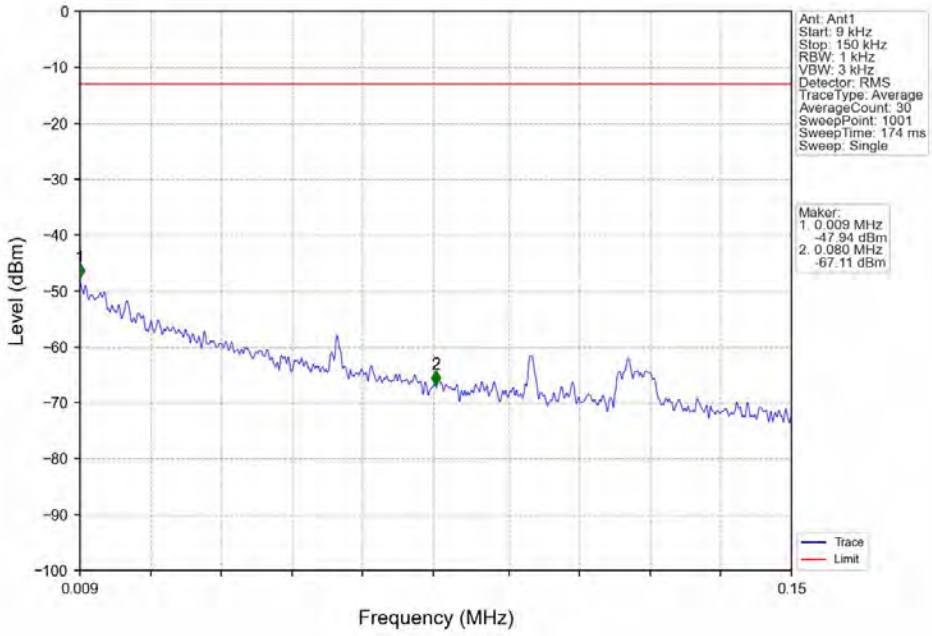
6.2.2 Test Graph

Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

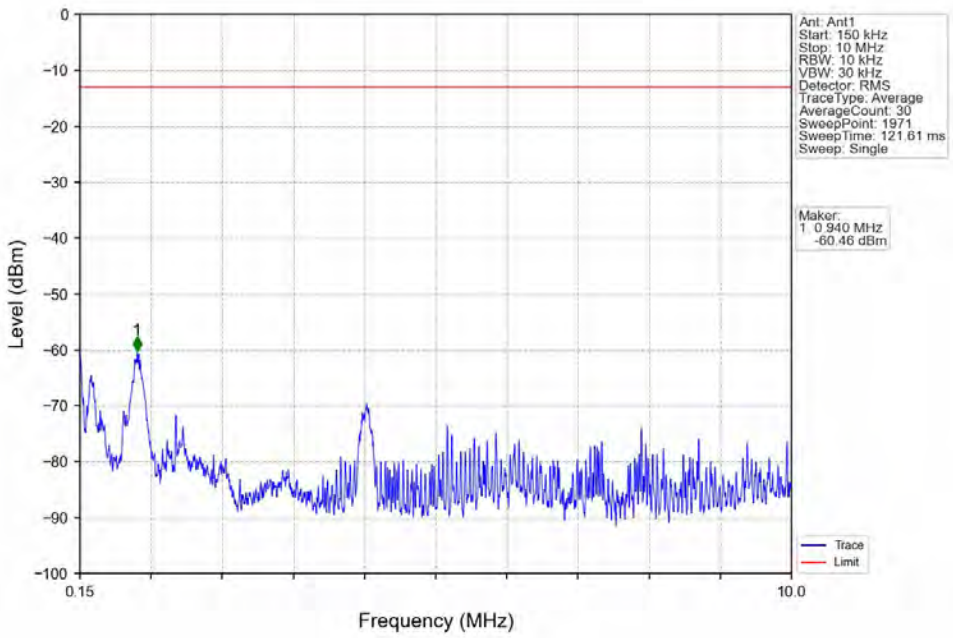


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-39.68	-13	Pass
1709	1710	0.003	/	2	1709.998	-32.61	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

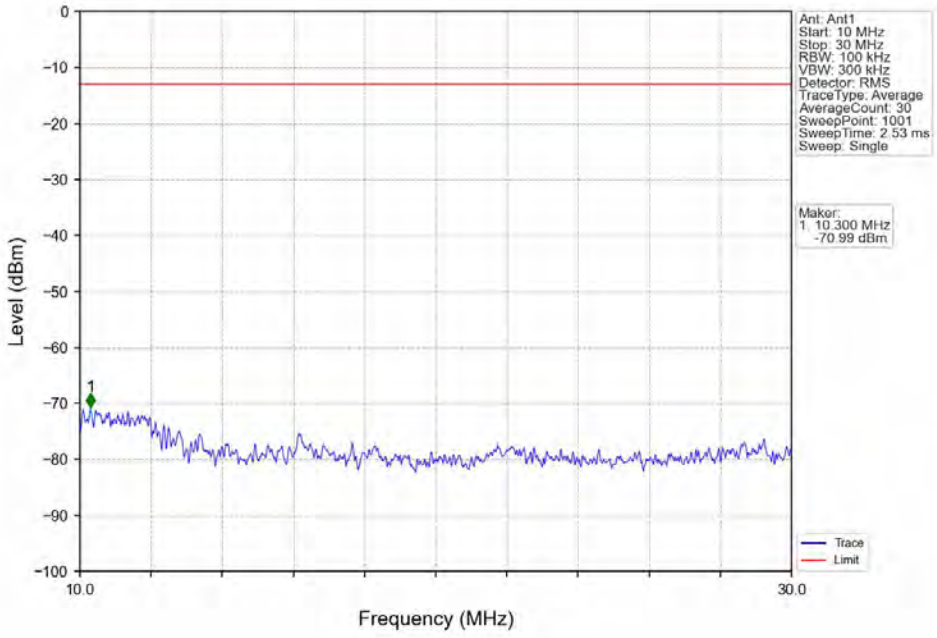
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



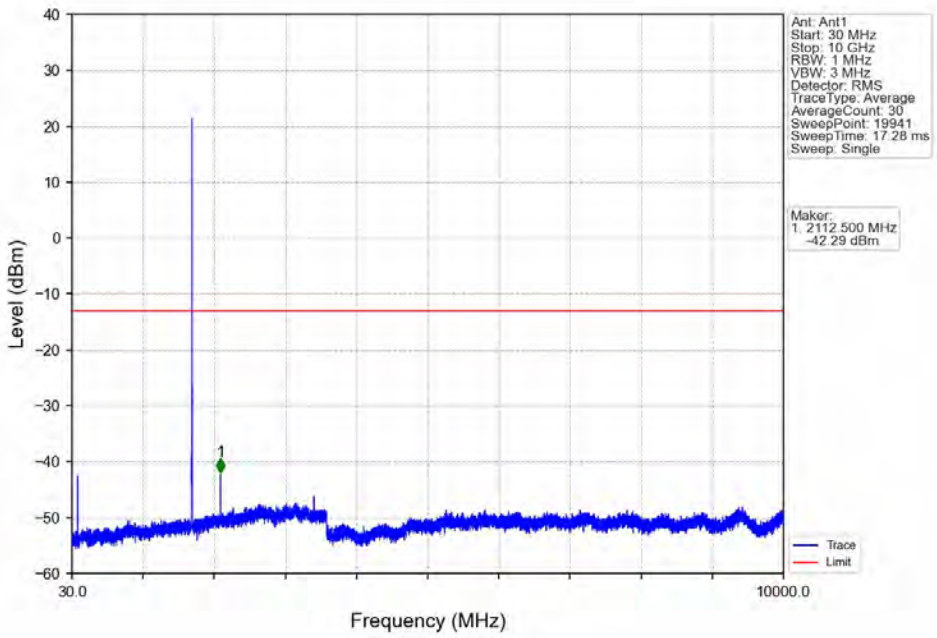
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



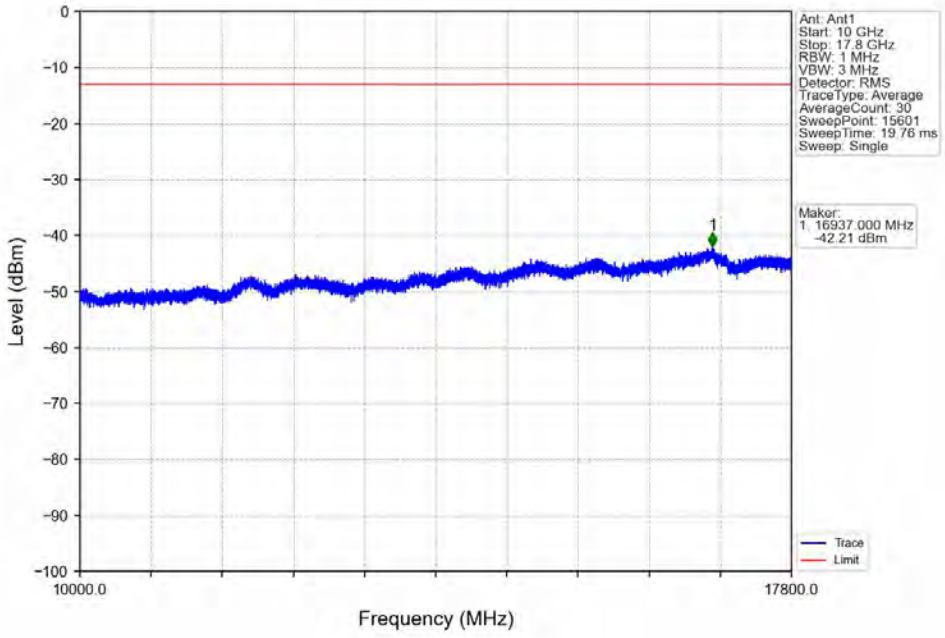
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



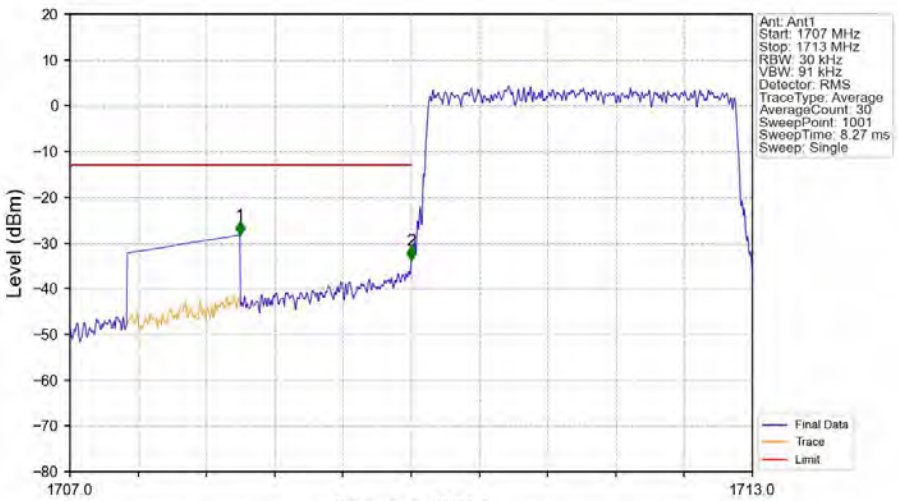
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

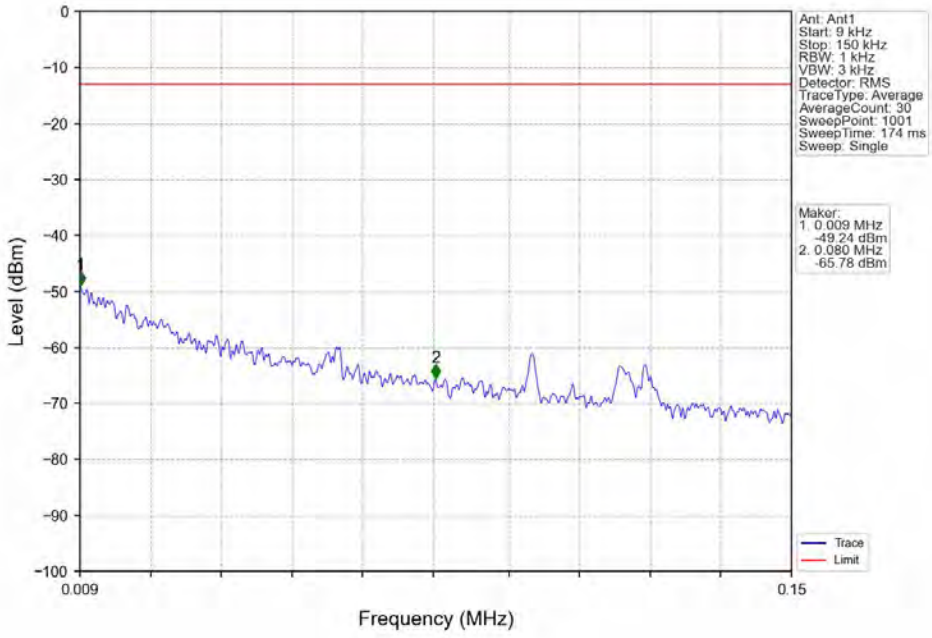


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

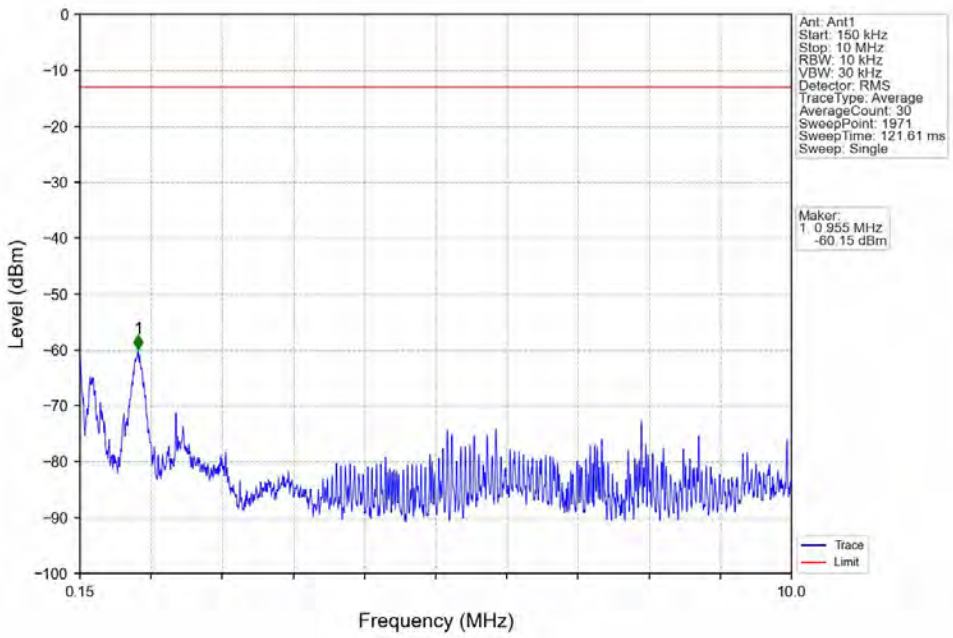


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-28.36	-13	Pass
1709	1710	0.03	/	2	1710.000	-33.78	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

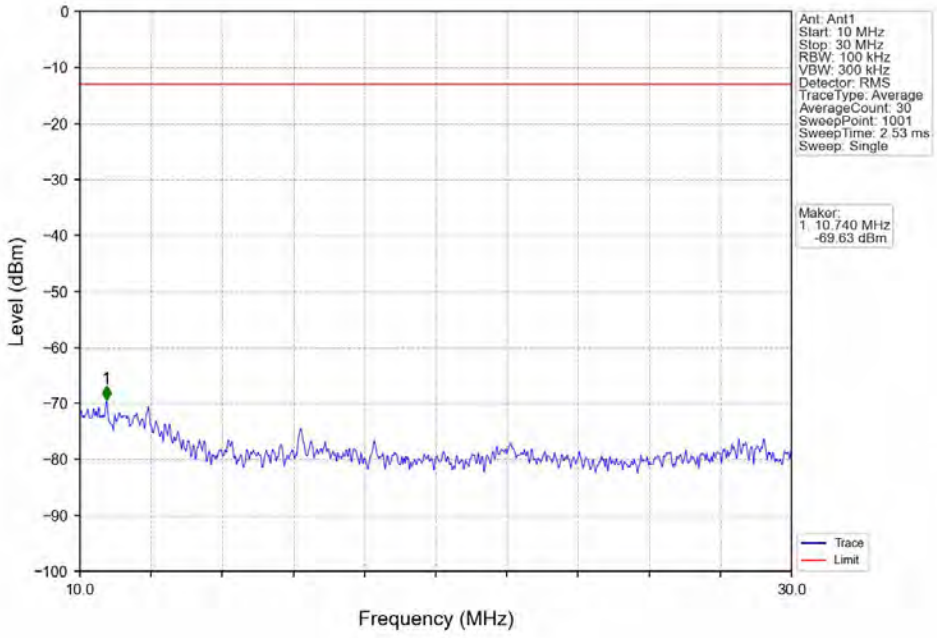
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



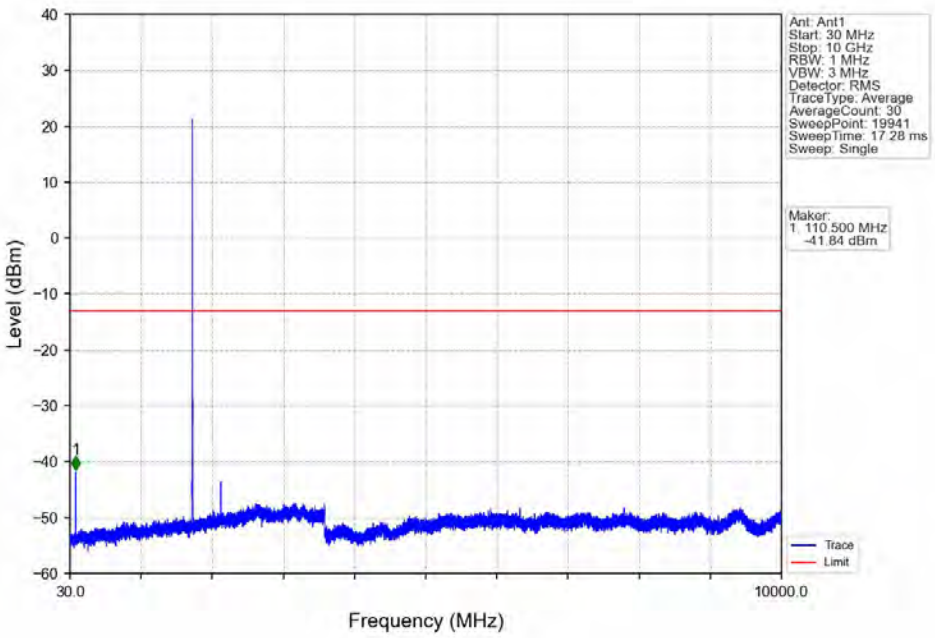
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



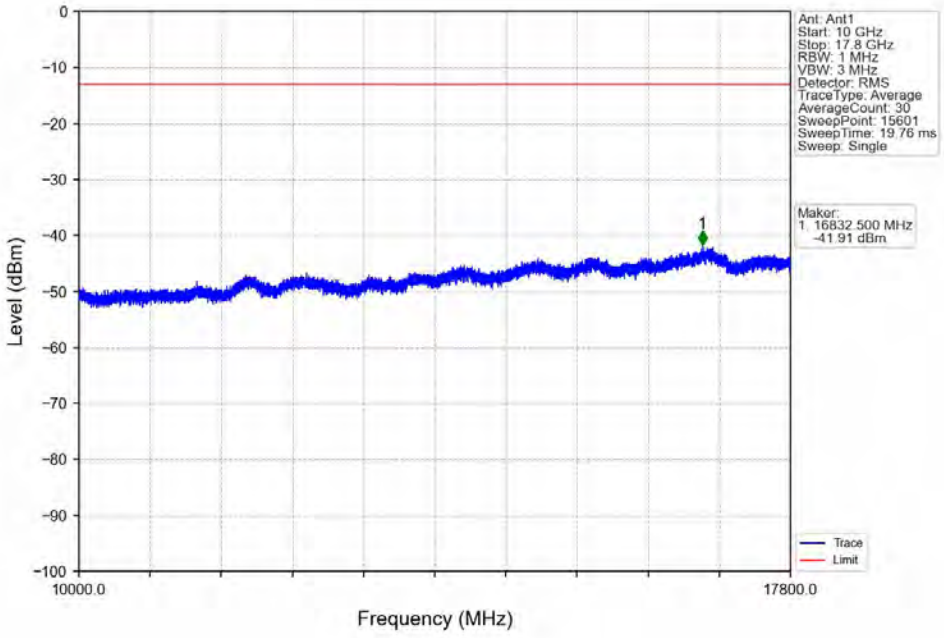
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



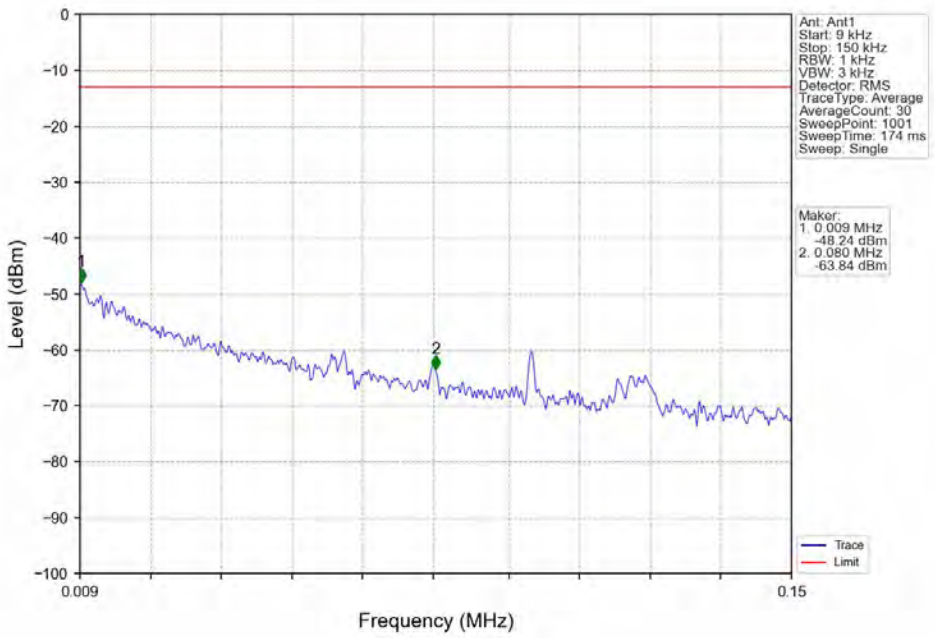
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



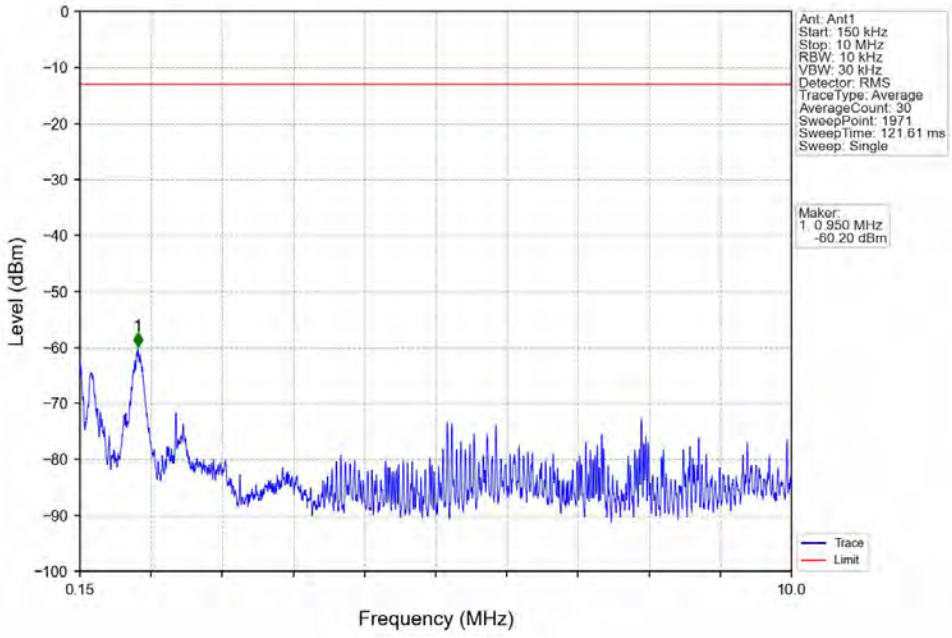
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



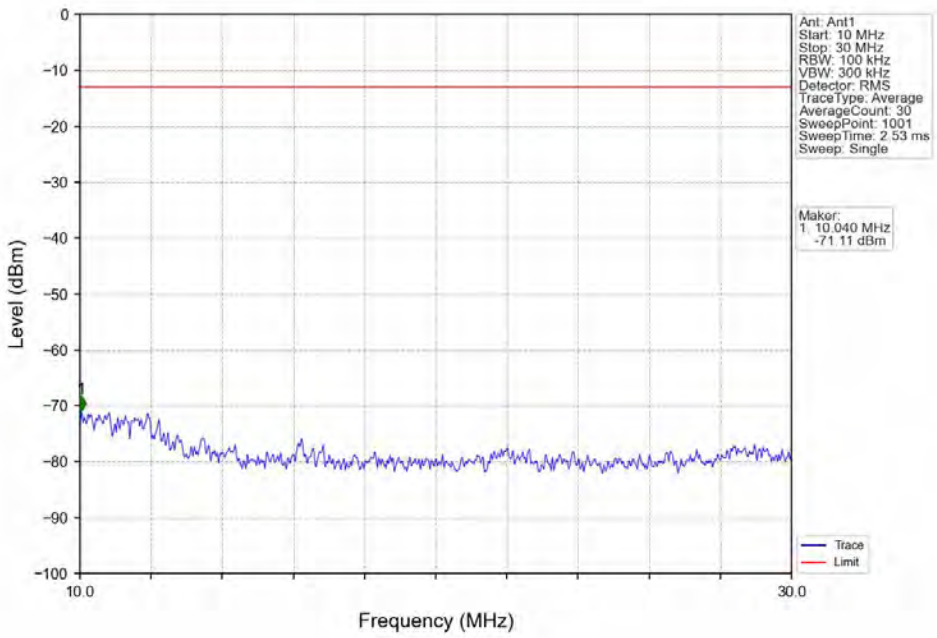
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



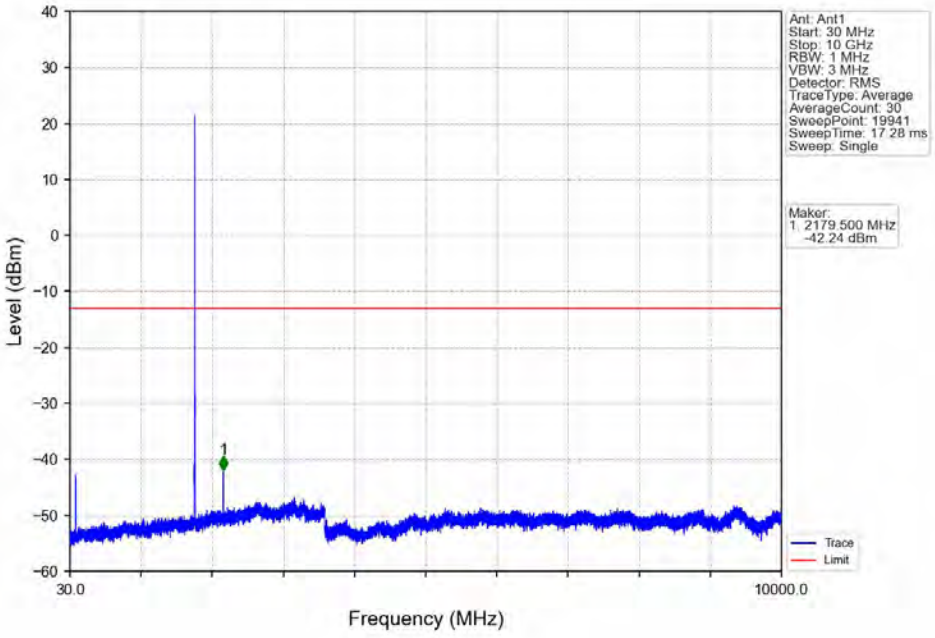
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



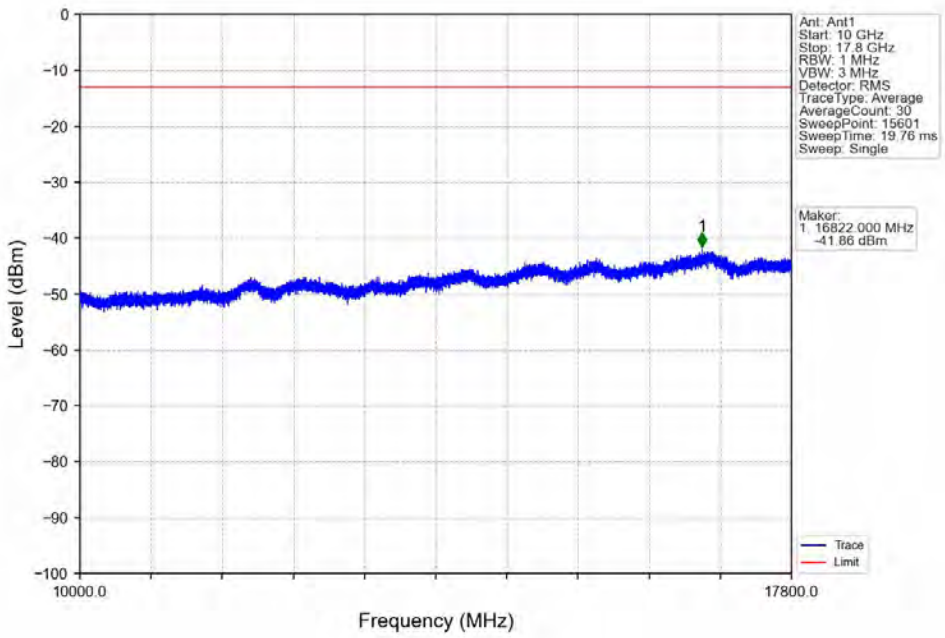
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



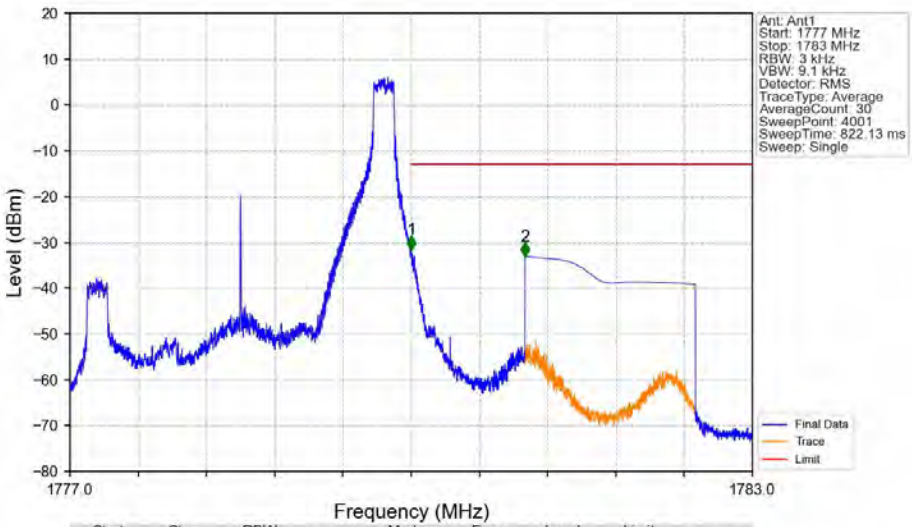
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

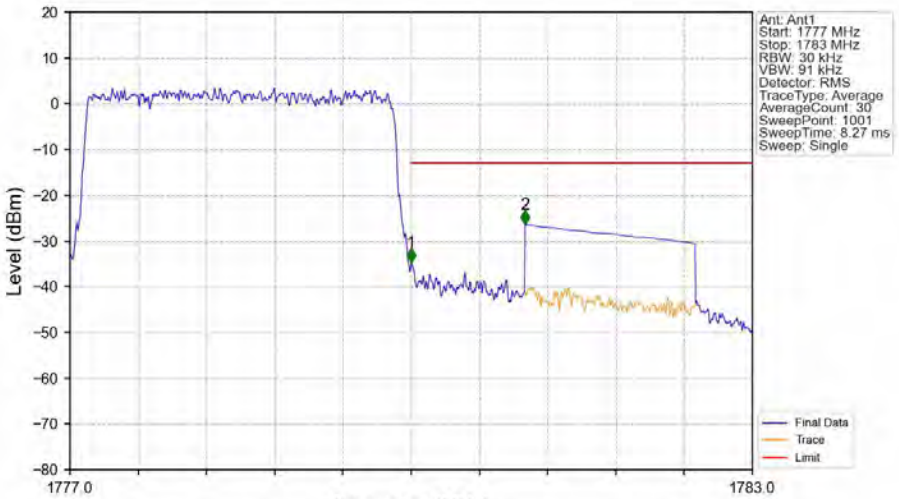


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



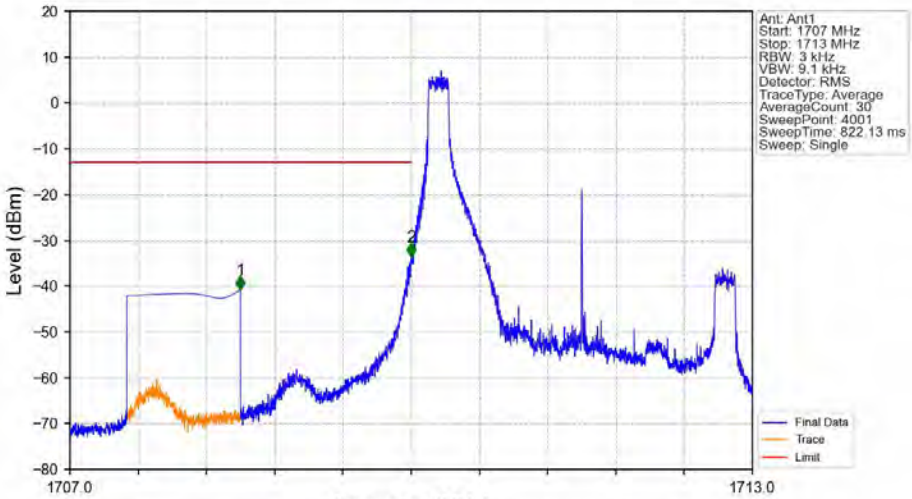
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-31.61	-13	Pass
1781	1783	1	CHP	2	1781.001	-33.13	-13	Pass

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



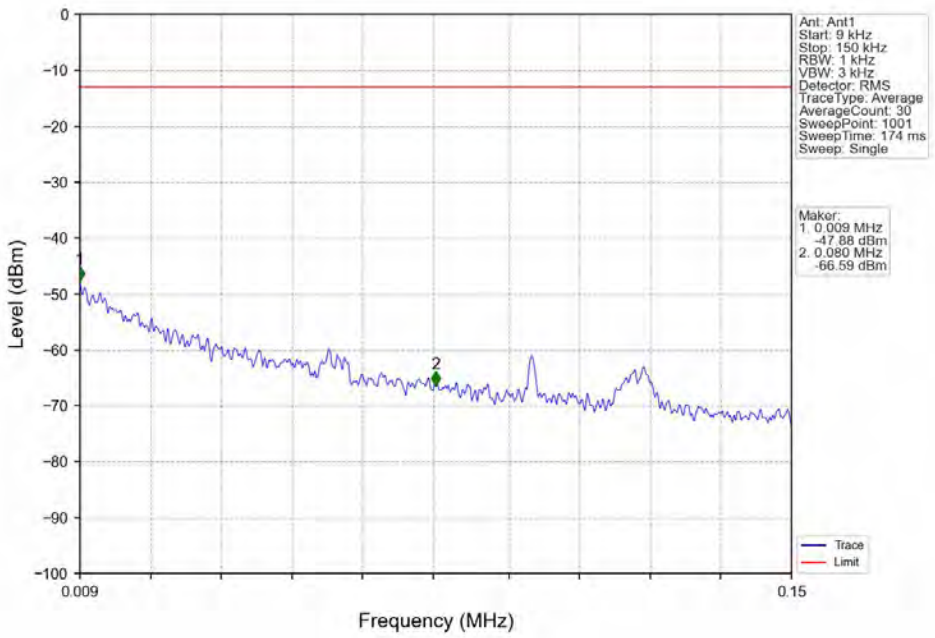
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.000	-34.64	-13	Pass
1781	1783	1	CHP	2	1781.002	-26.43	-13	Pass

Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

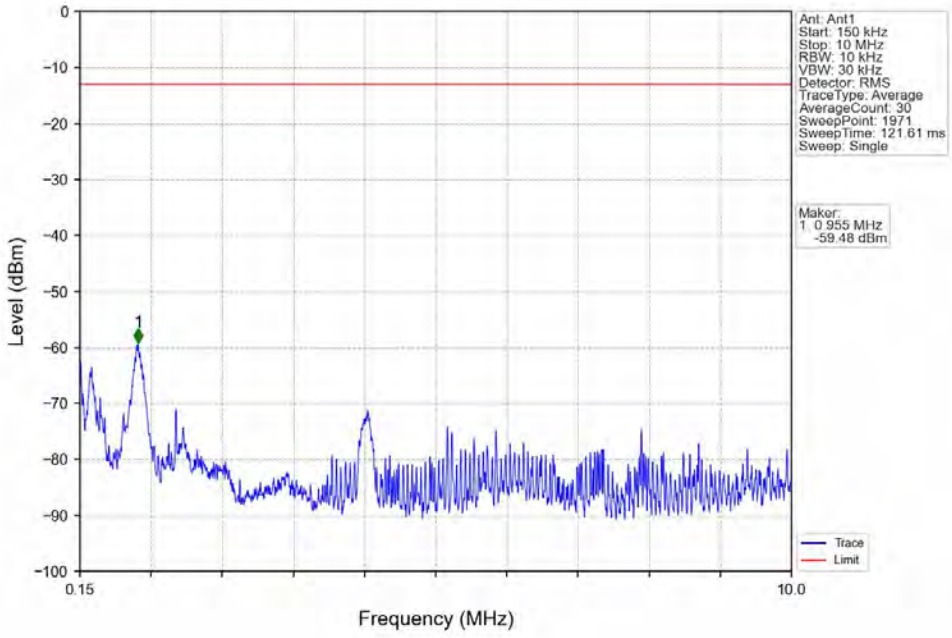


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-40.84	-13	Pass
1709	1710	0.003	/	2	1710.000	-33.66	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

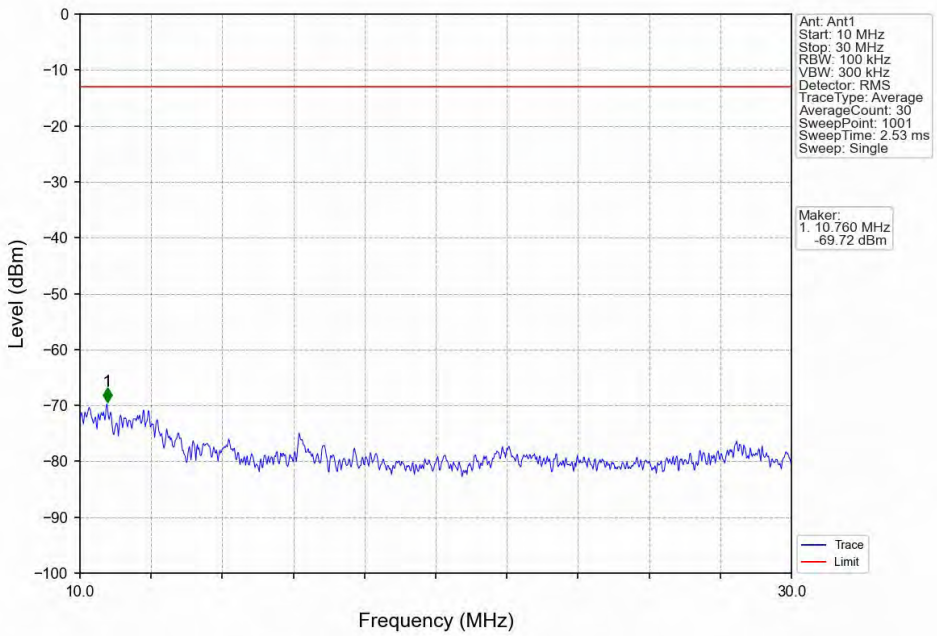
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



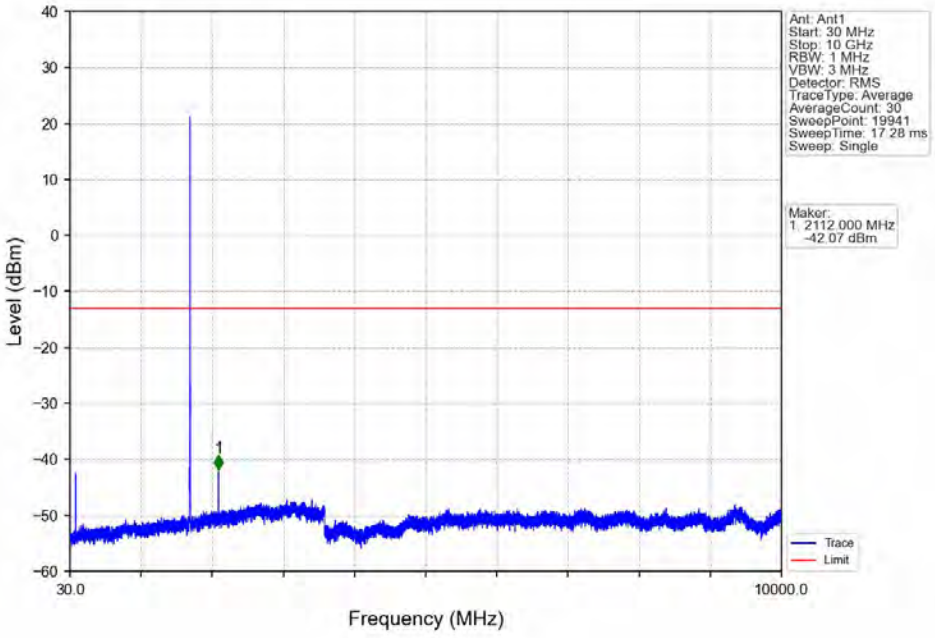
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



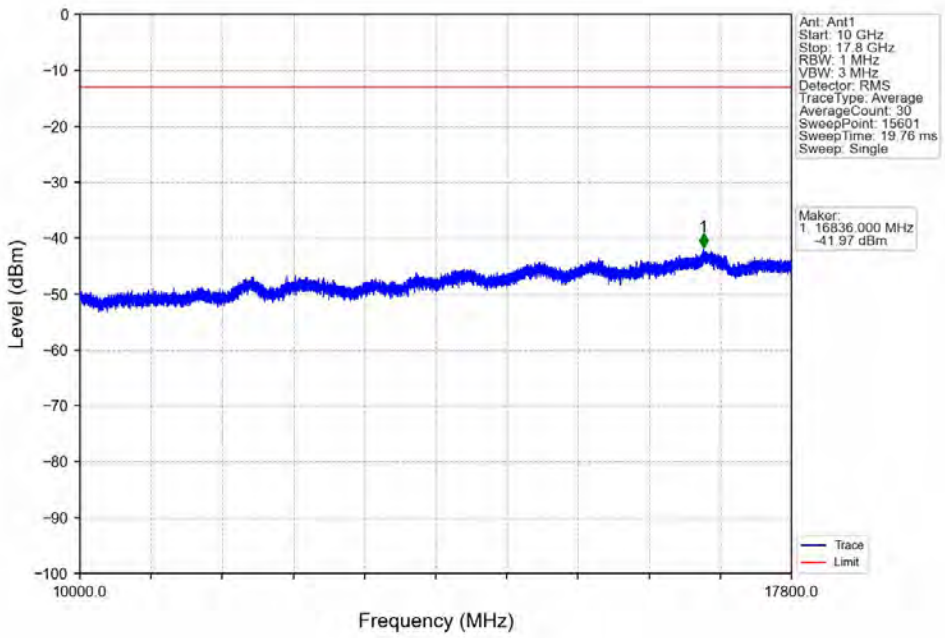
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



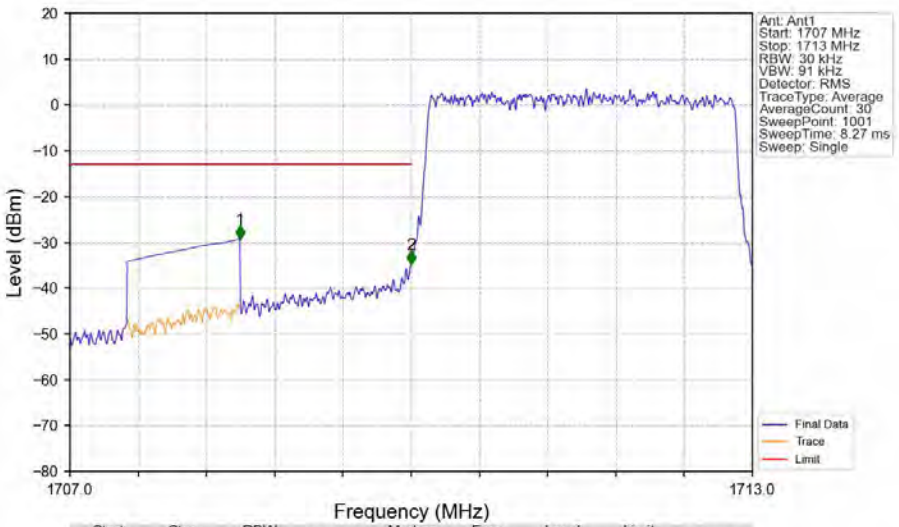
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

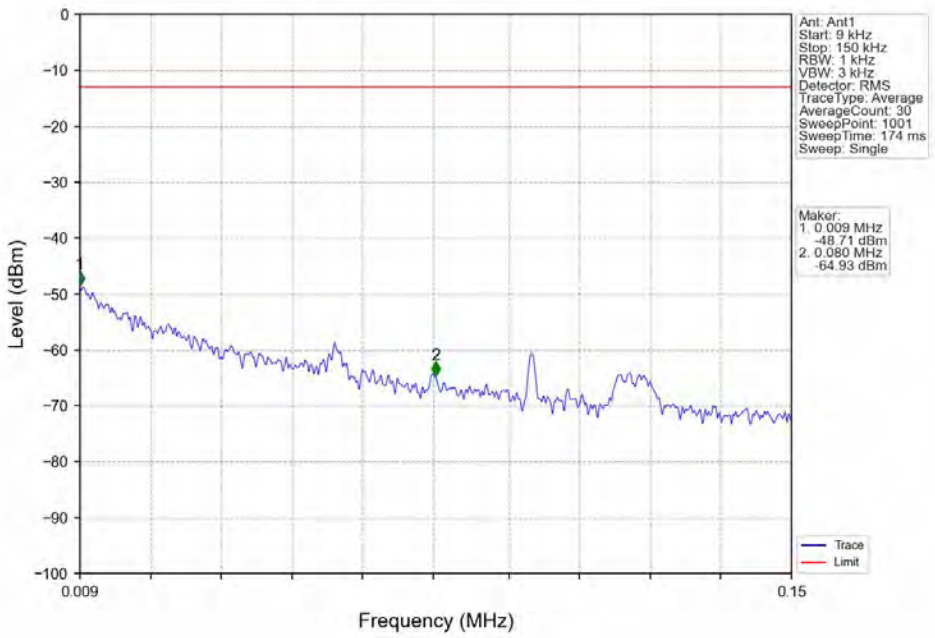


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

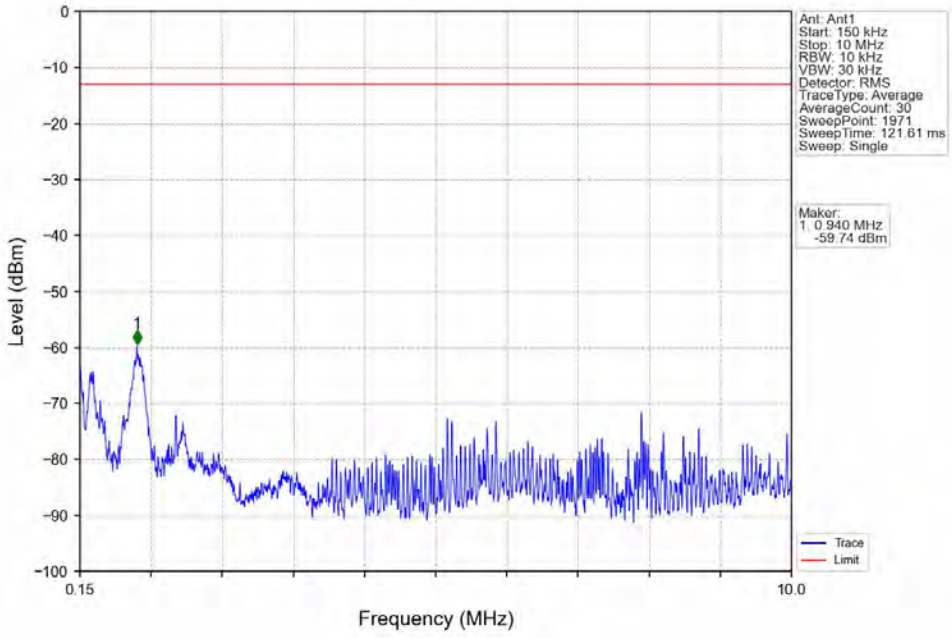


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-29.38	-13	Pass
1709	1710	0.03	/	2	1710.000	-34.81	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

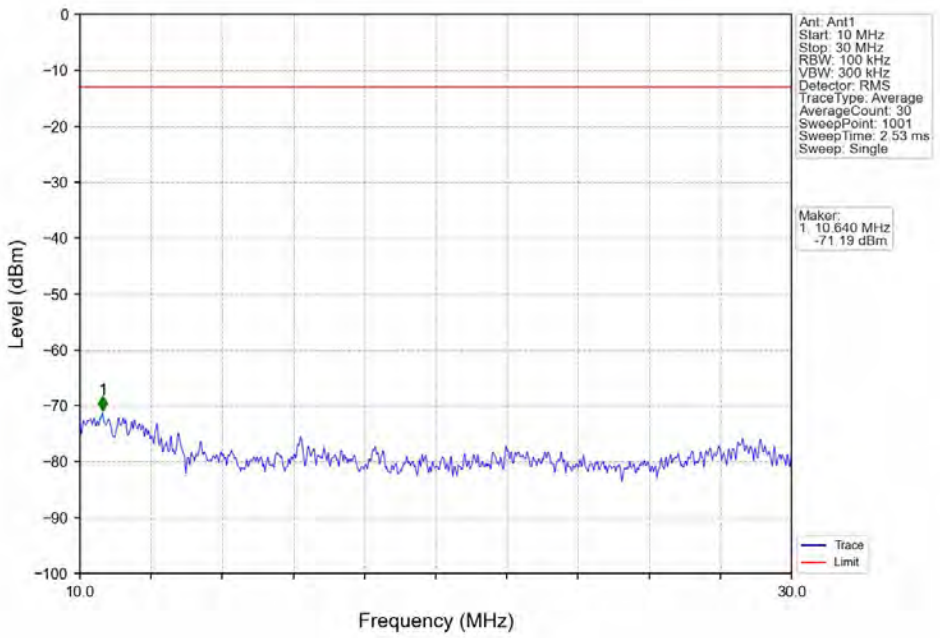
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



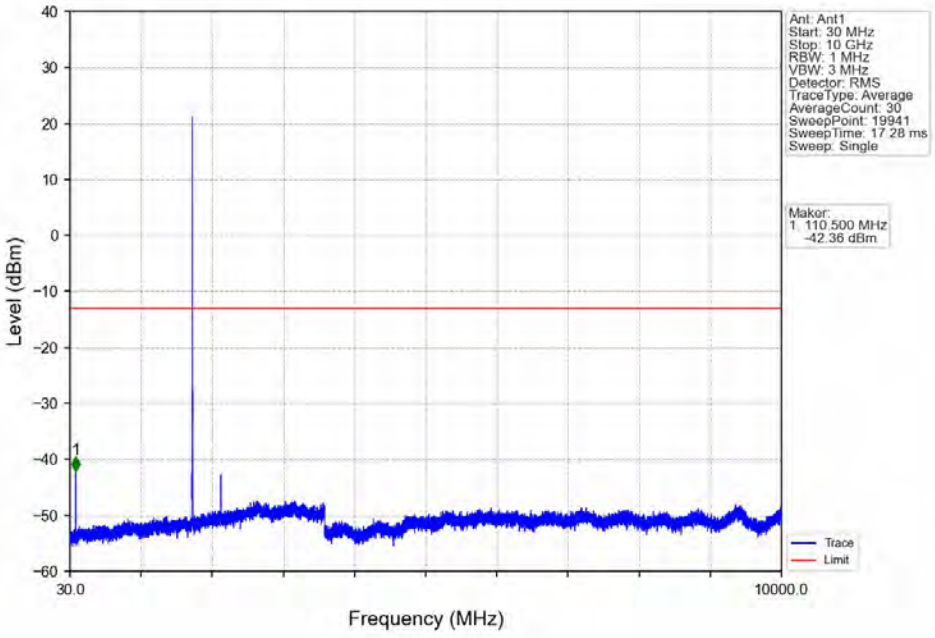
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



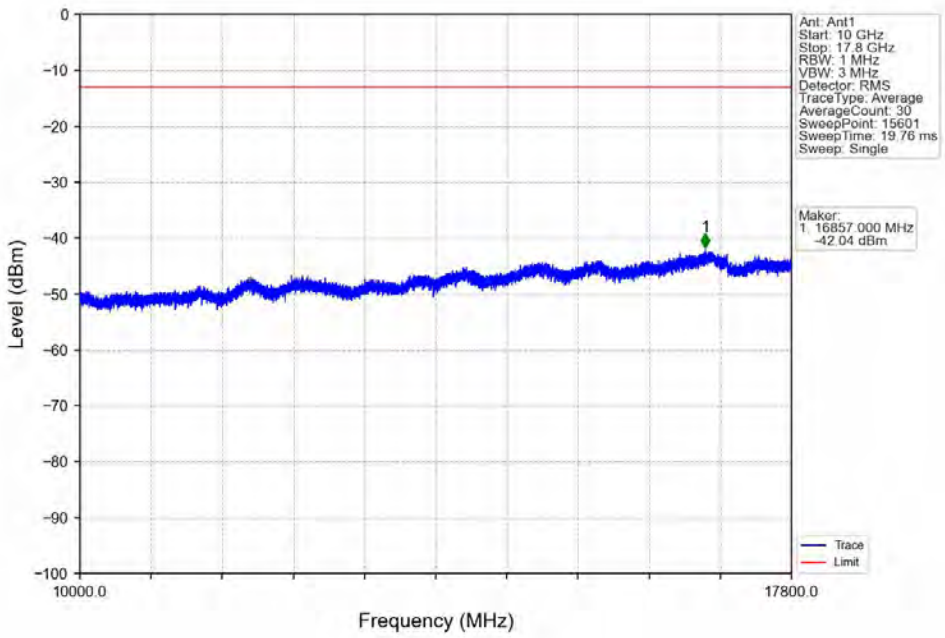
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



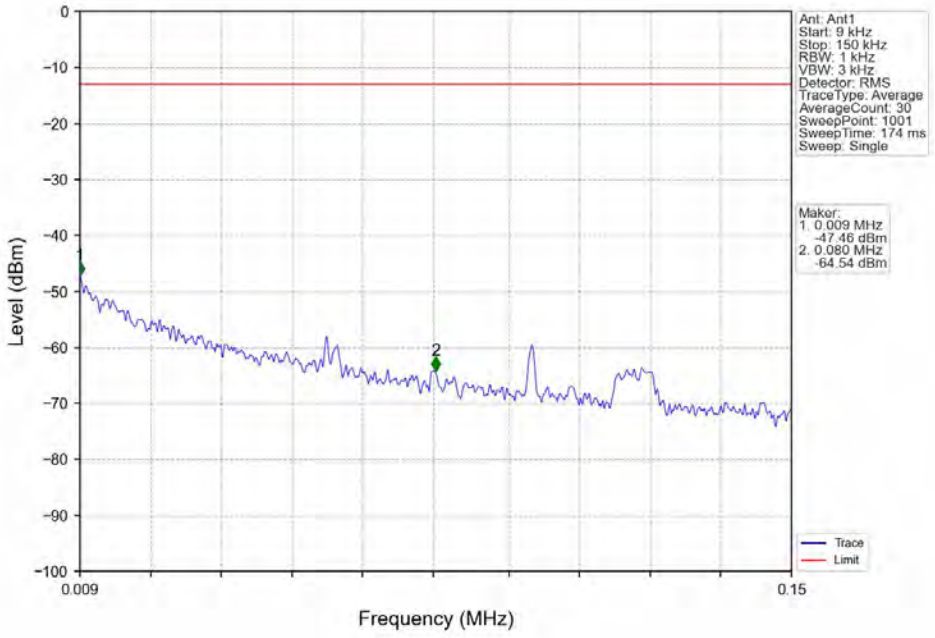
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



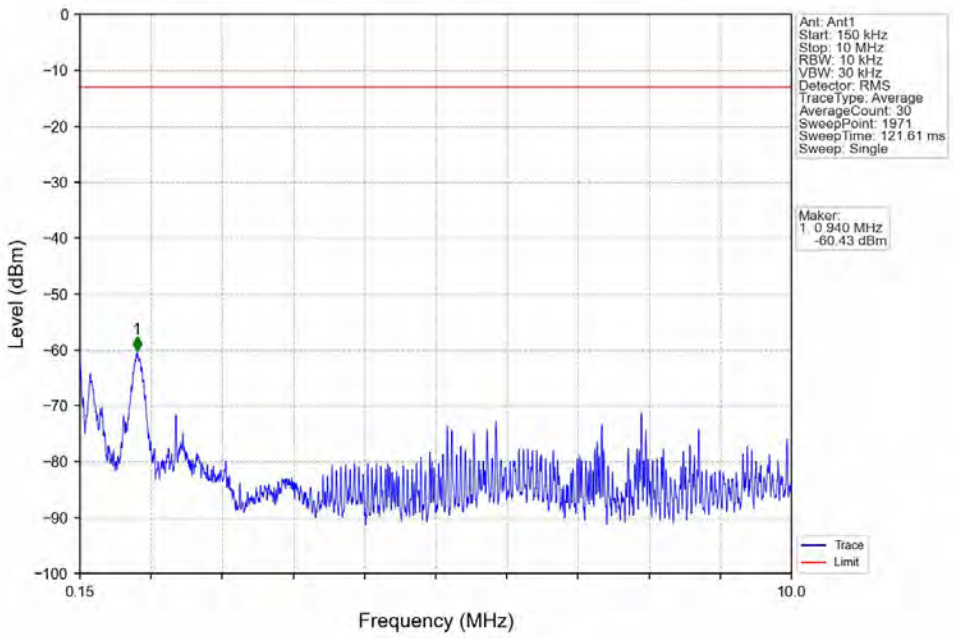
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



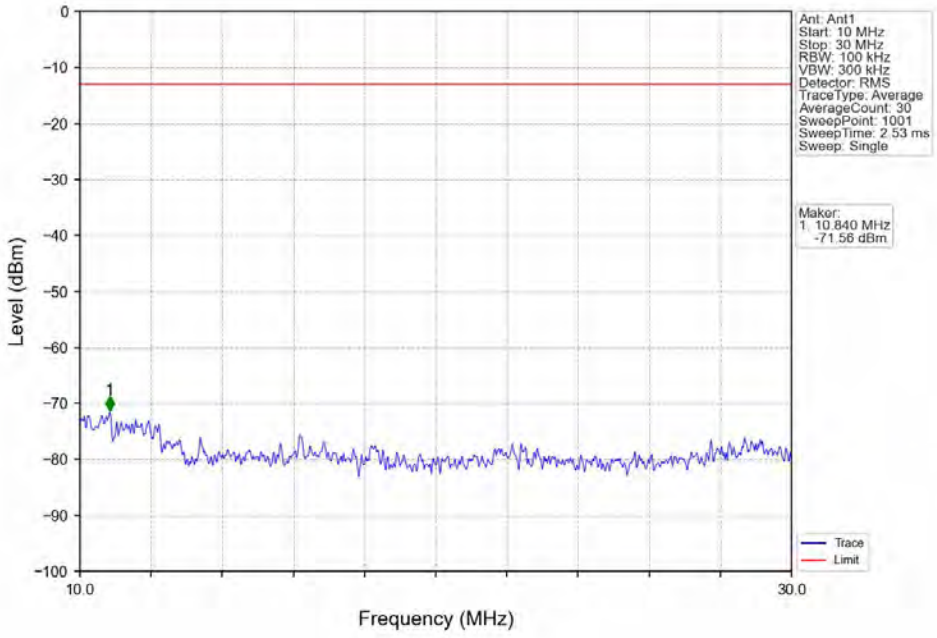
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



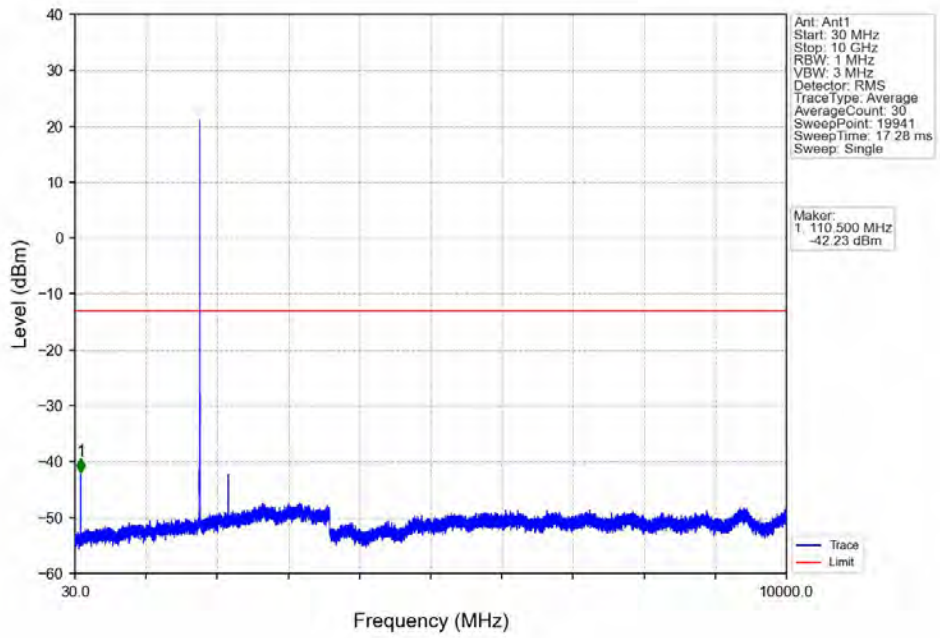
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



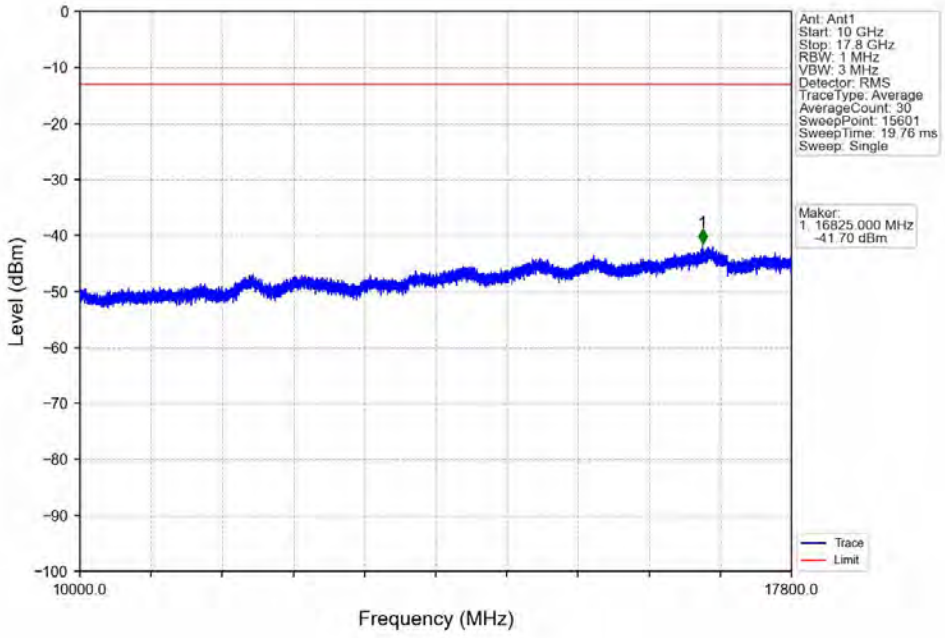
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



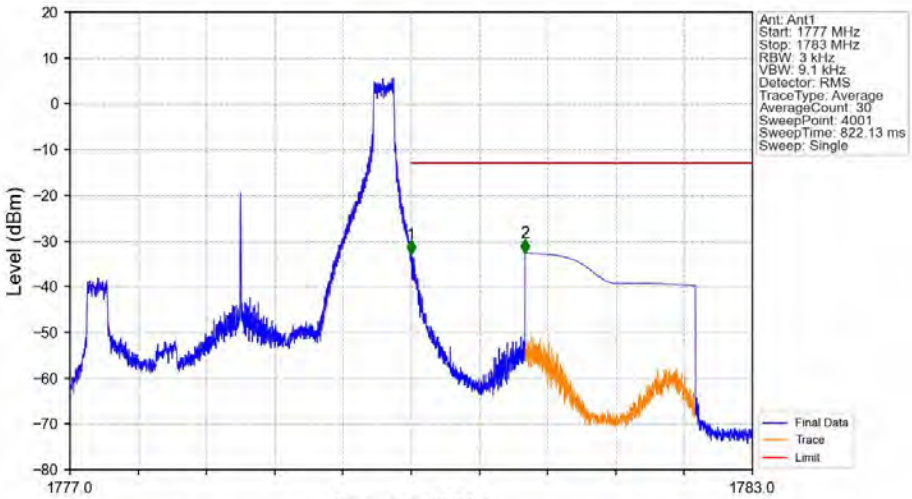
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV

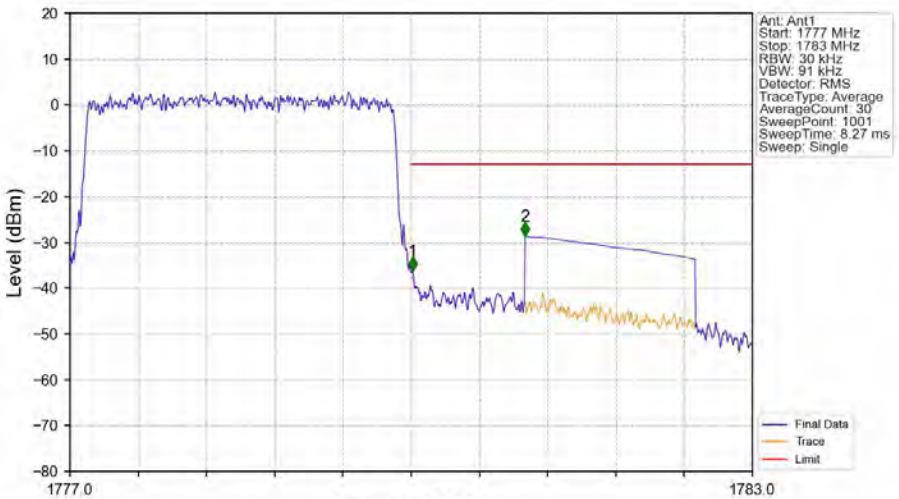


Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_14_NTNV



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	1780.000	-32.89	-13	Pass
1781	1783	1	CHP	2	1781.001	-32.65	-13	Pass

Band66_3MHz_16QAM_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	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.012	-36.34	-13	Pass
1781	1783	1	CHP	2	1781.002	-28.64	-13	Pass

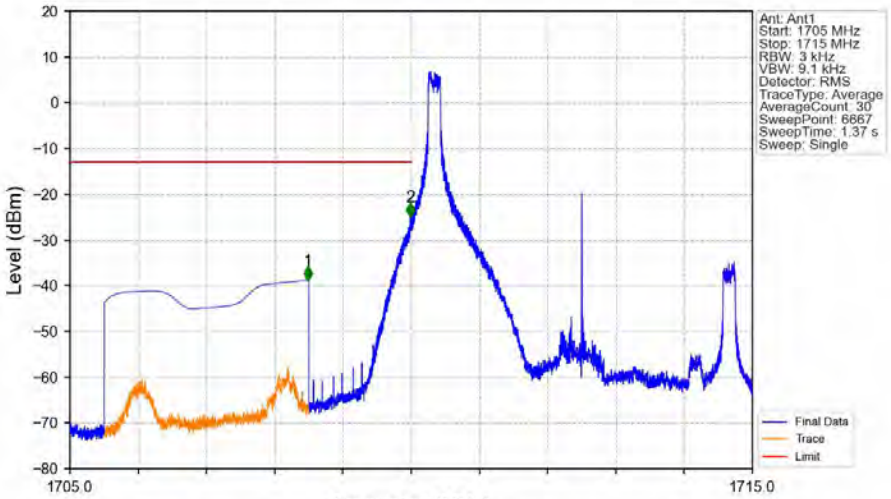
6.3 B66_5MHz

6.3.1 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
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

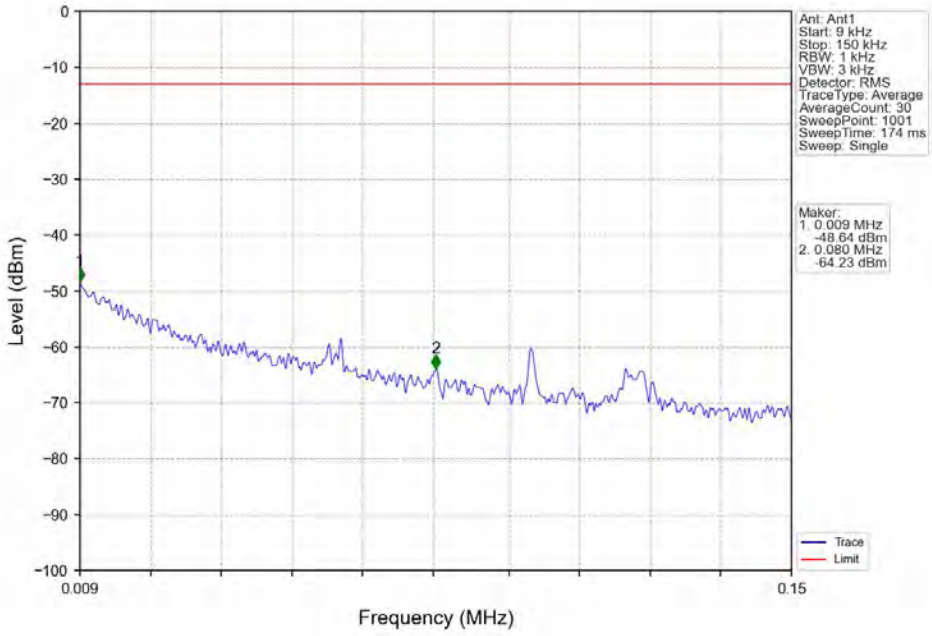
6.3.2 Test Graph

Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

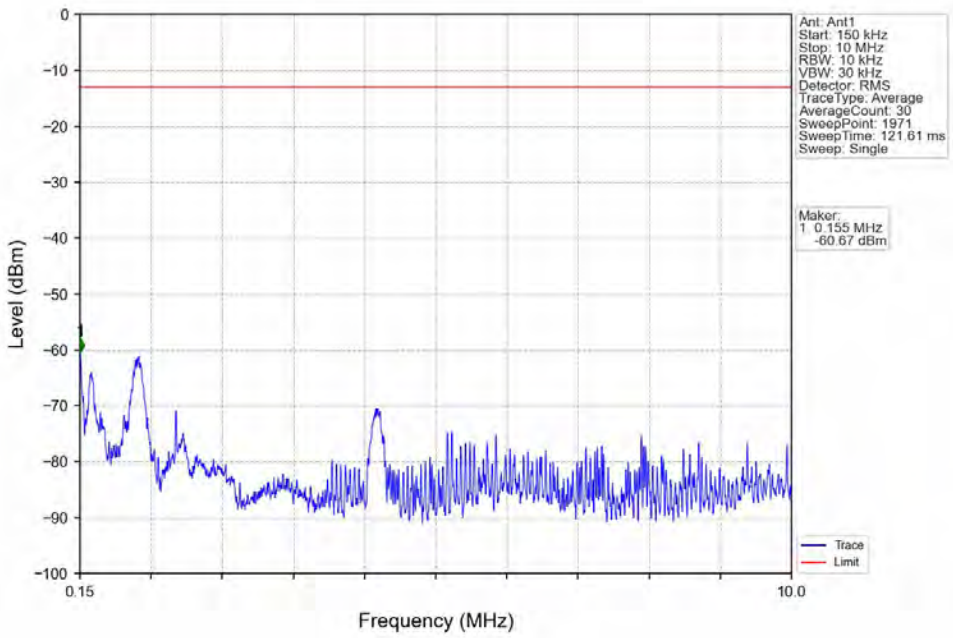


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.486	-38.91	-13	Pass
1709	1710	0.003	/	2	1709.988	-24.94	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

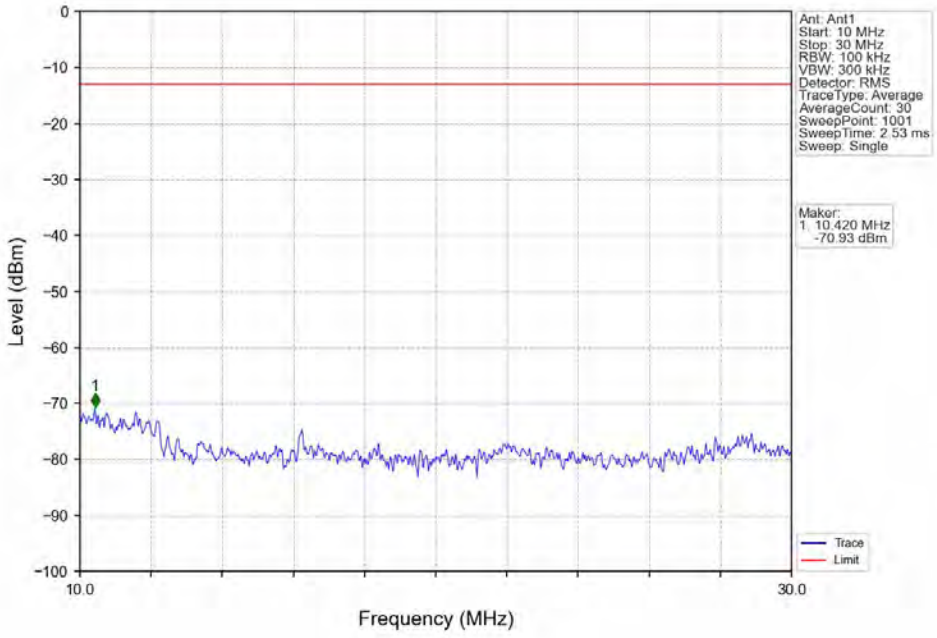
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



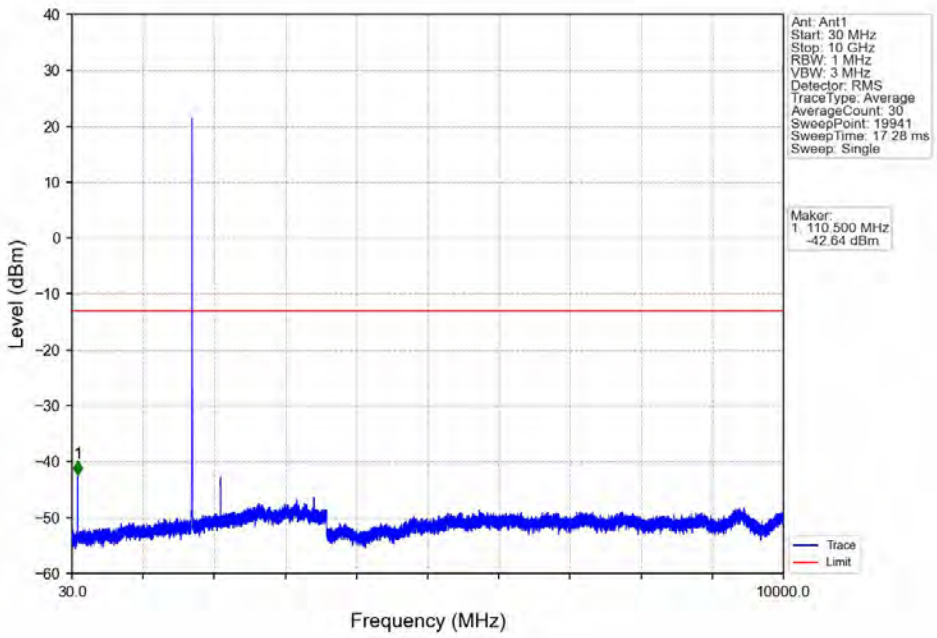
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



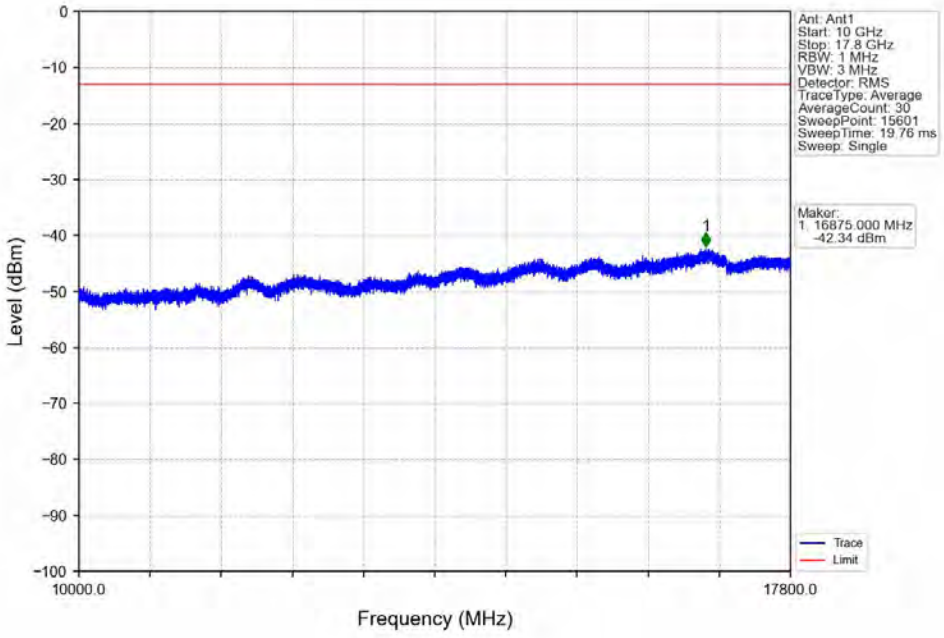
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



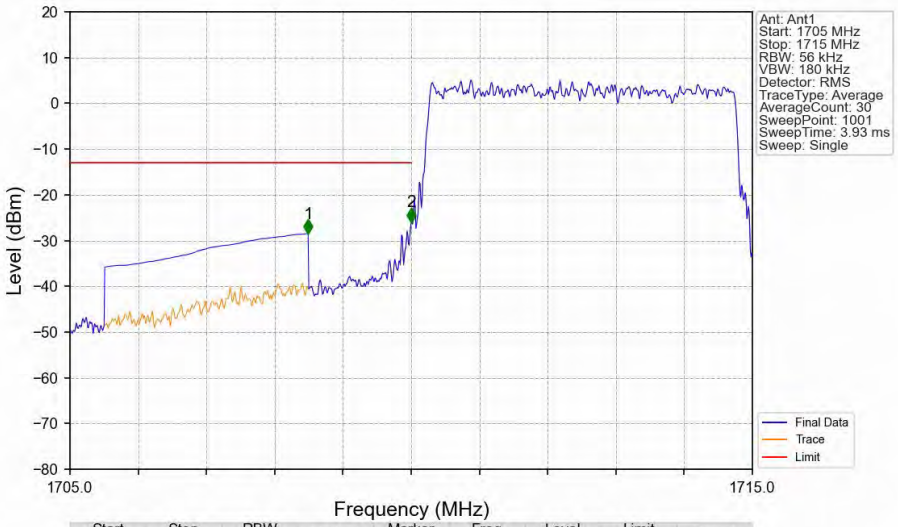
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

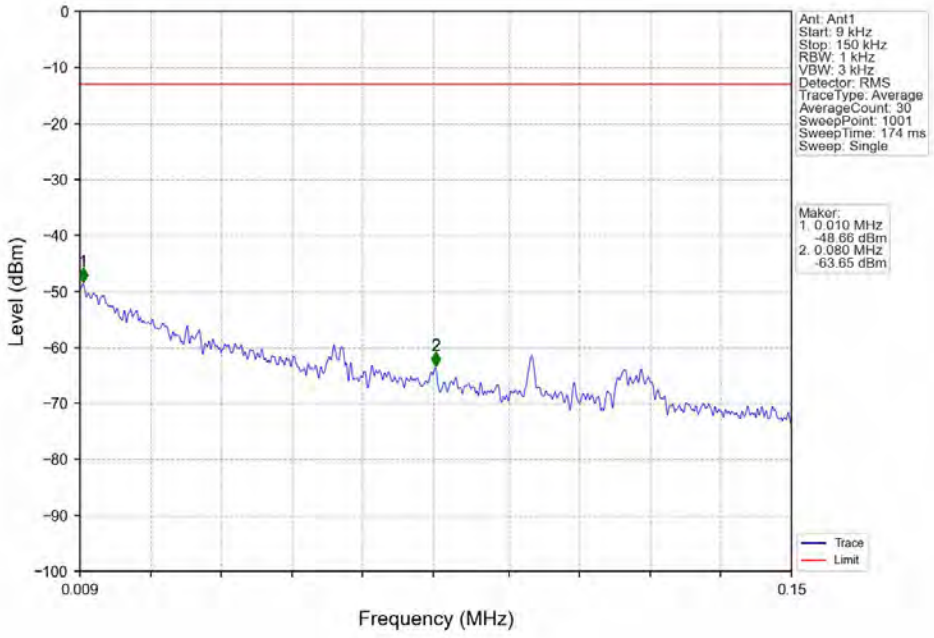


Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

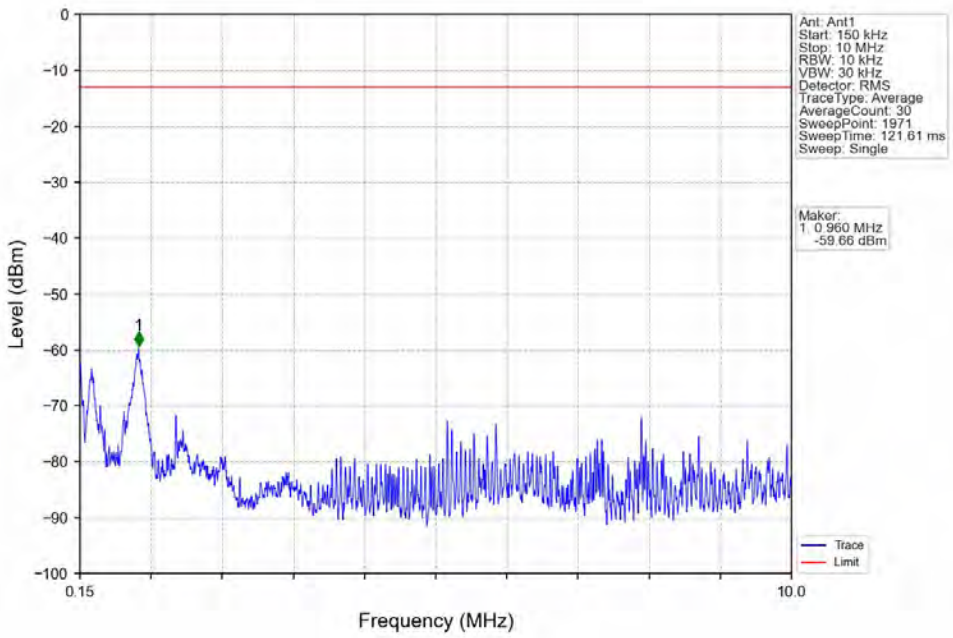


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-28.45	-13	Pass
1709	1710	0.056	/	2	1710.000	-25.96	-13	Pass
1710	1715	0.056	/	/	/	/	/	/

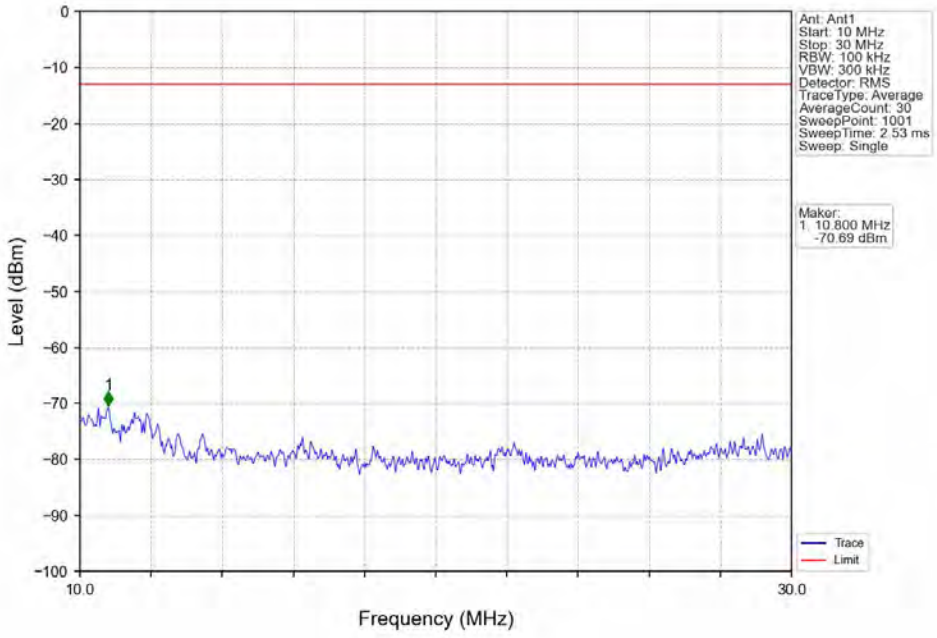
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



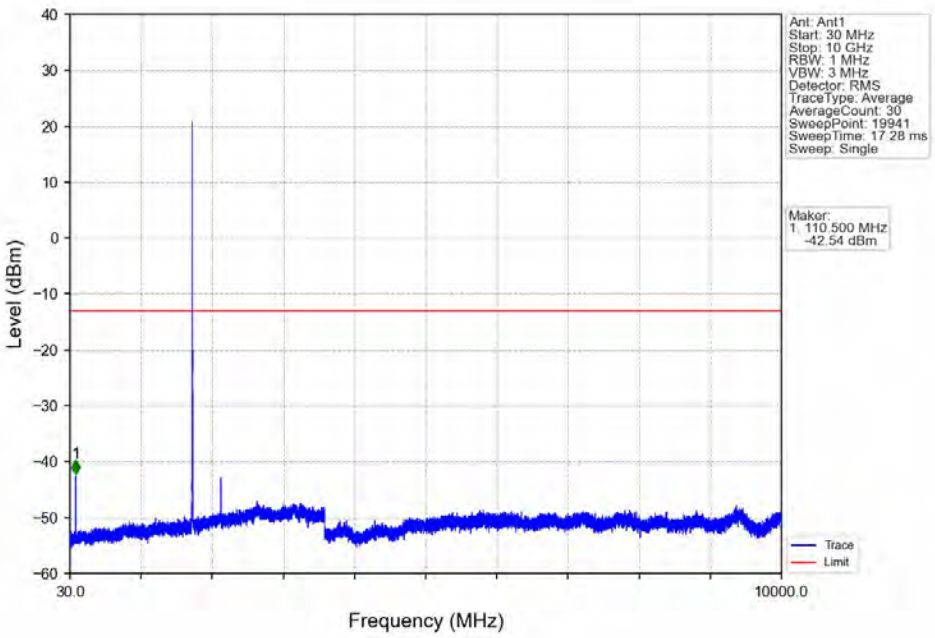
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



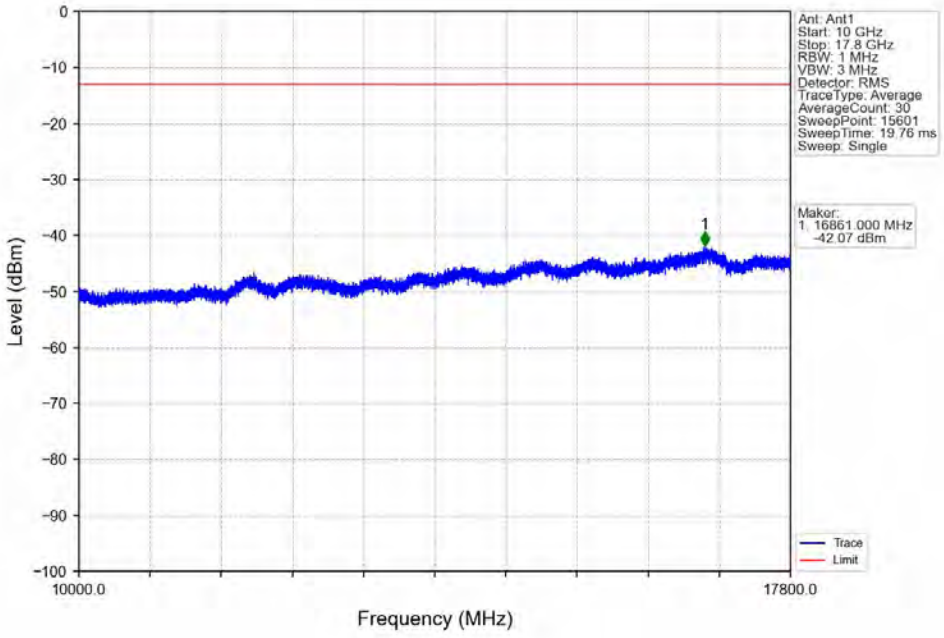
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



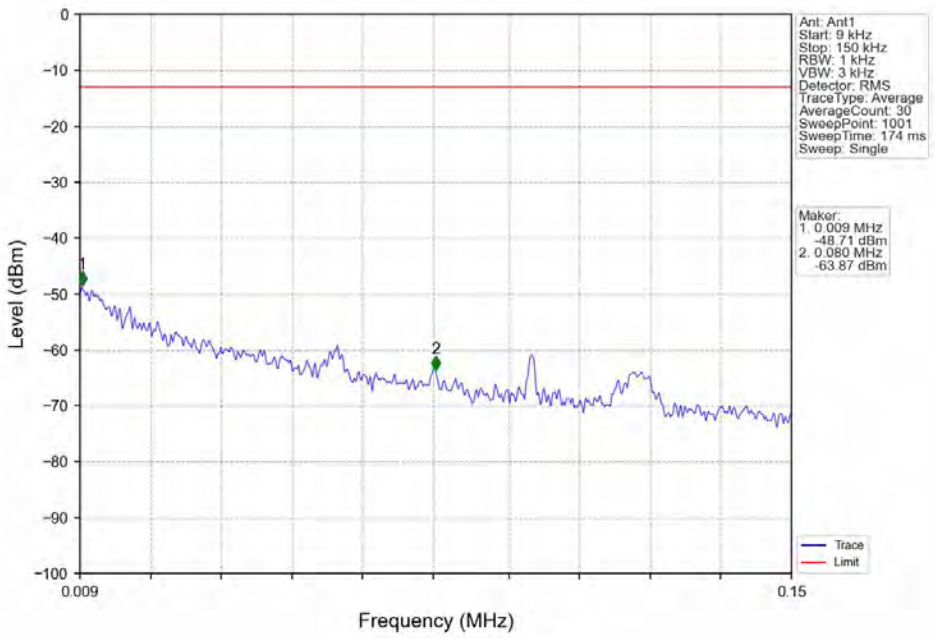
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



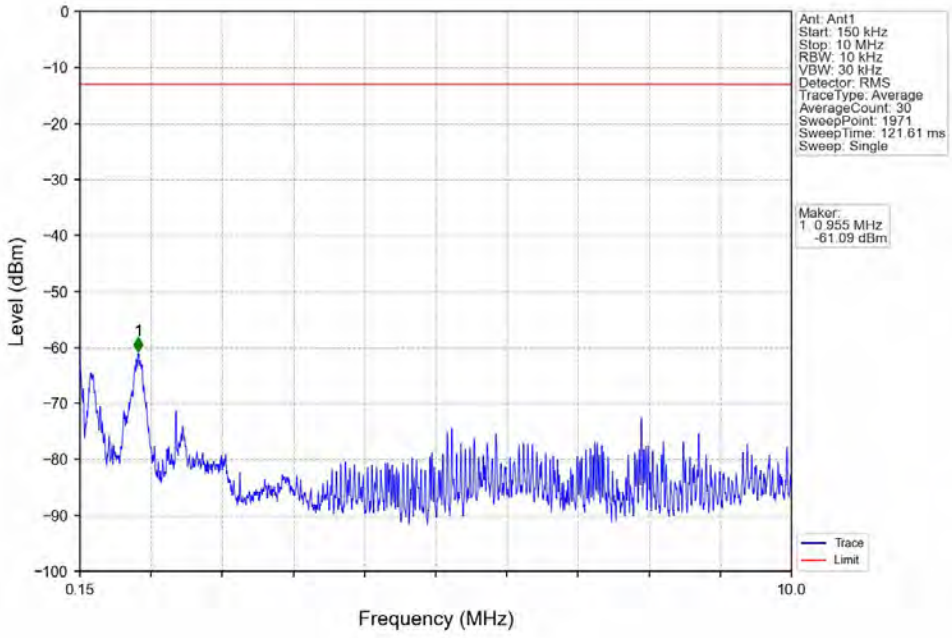
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



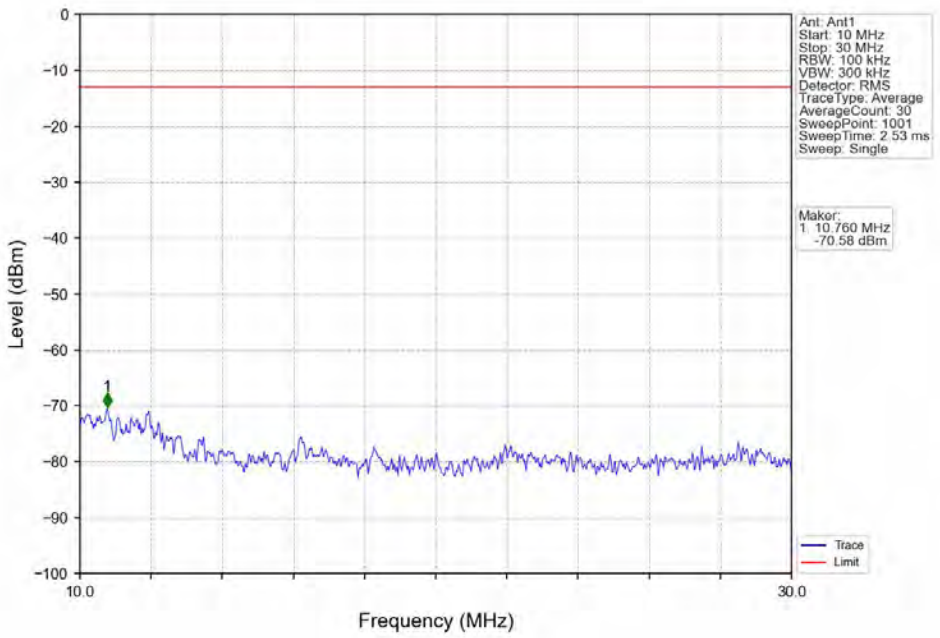
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



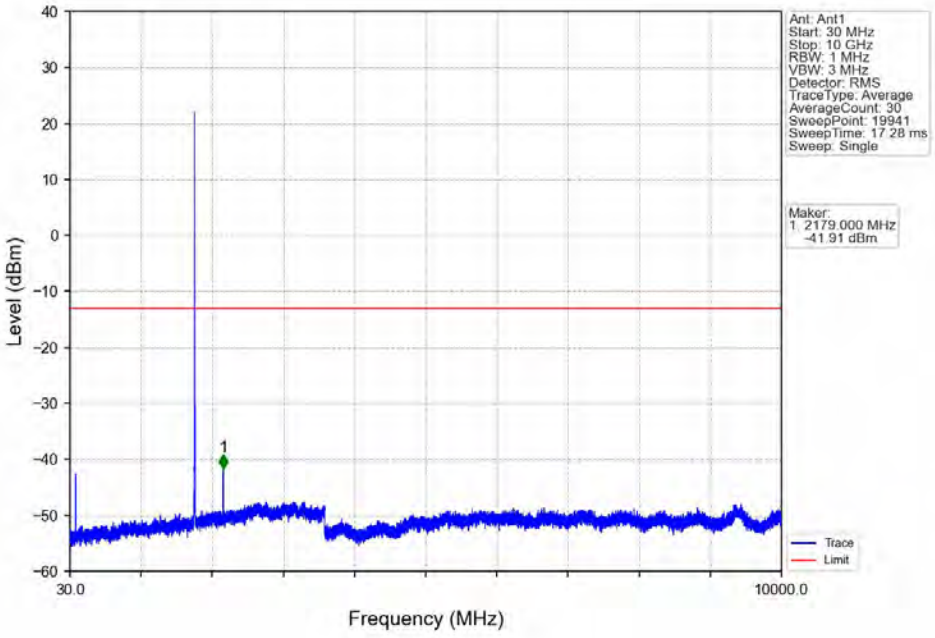
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



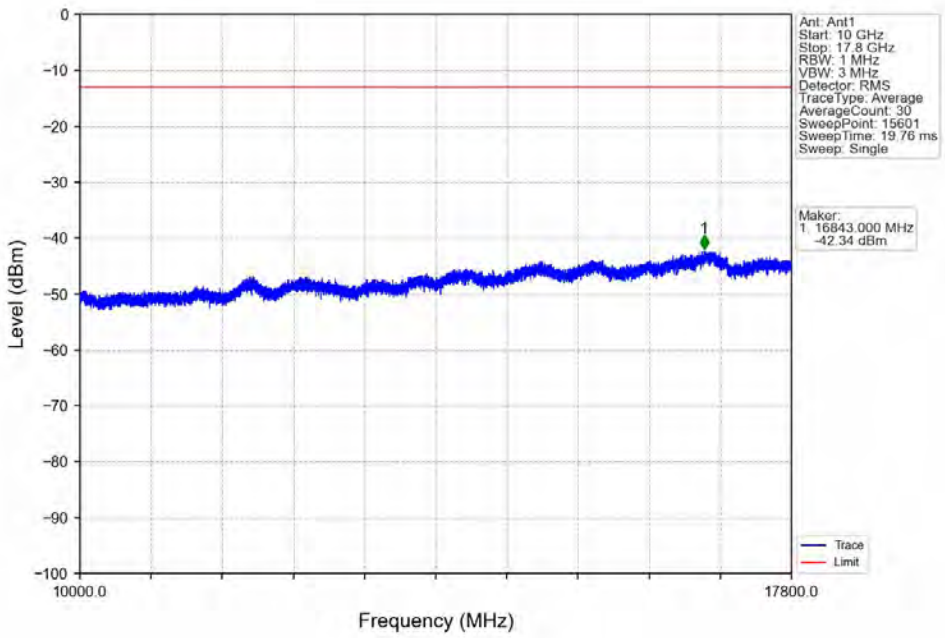
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



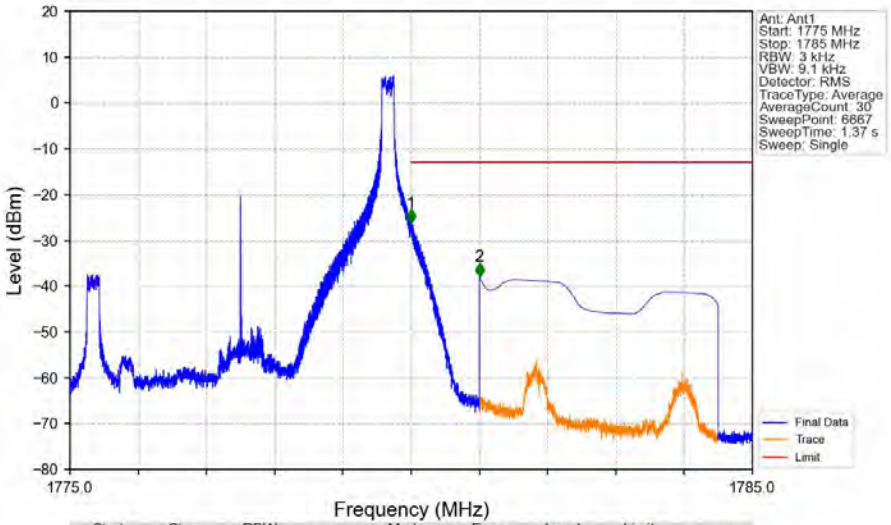
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV

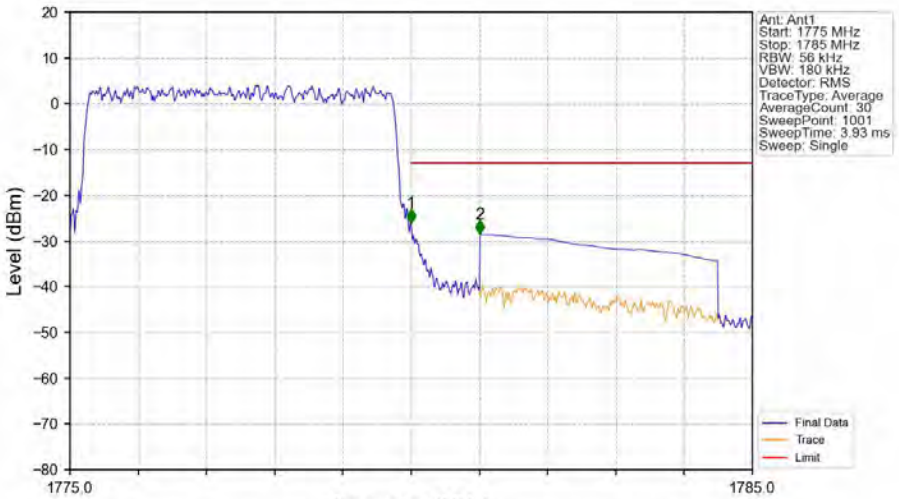


Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



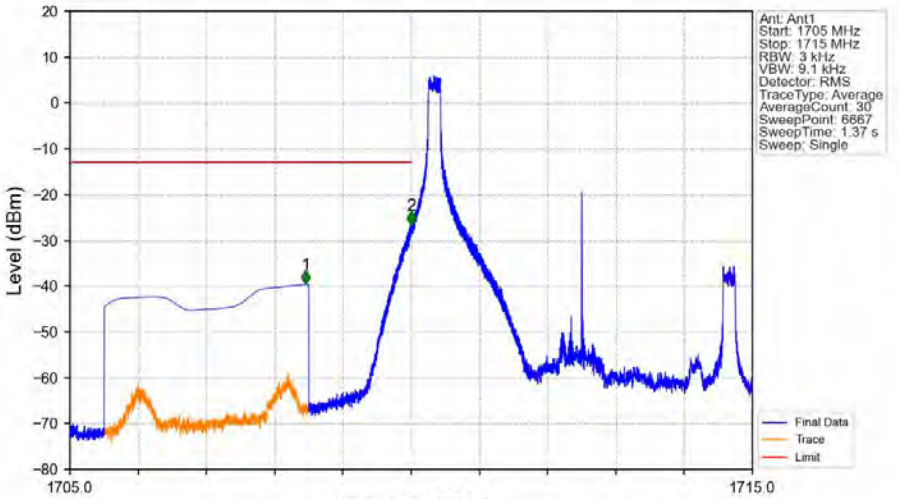
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.000	-26.16	-13	Pass
1781	1785	1	CHP	2	1781.001	-37.96	-13	Pass

Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.056	/	/	/	/	/	/
1780	1781	0.056	/	1	1780.000	-26.02	-13	Pass
1781	1785	1	CHP	2	1781.010	-28.56	-13	Pass

Band66_5MHz_16QAM_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	1708.455	-39.67	-13	Pass
1709	1710	0.003	/	2	1709.998	-26.73	-13	Pass
1710	1715	0.003	/	/	/	/	/	/