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	12.63	0.32	12.95	<=30	Pass
			2	12.75	0.32	13.07	<=30	Pass
			5	12.76	0.32	13.08	<=30	Pass
		3	0	12.79	0.32	13.11	<=30	Pass
			2	12.84	0.32	13.16	<=30	Pass
			3	12.82	0.32	13.14	<=30	Pass
		6	0	11.77	0.32	12.09	<=30	Pass
	1745	1	0	15.83	0.32	16.15	<=30	Pass
			2	15.96	0.32	16.28	<=30	Pass
			5	15.89	0.32	16.21	<=30	Pass
		3	0	15.92	0.32	16.24	<=30	Pass
			2	15.97	0.32	16.29	<=30	Pass
			3	15.98	0.32	16.3	<=30	Pass
		6	0	14.92	0.32	15.24	<=30	Pass
	1779.3	1	0	17.77	0.32	18.09	<=30	Pass
			2	17.88	0.32	18.2	<=30	Pass
			5	17.82	0.32	18.14	<=30	Pass
		3	0	17.88	0.32	18.2	<=30	Pass
			2	17.92	0.32	18.24	<=30	Pass
			3	17.89	0.32	18.21	<=30	Pass
		6	0	16.90	0.32	17.22	<=30	Pass
16QAM	1710.7	1	0	11.63	0.32	11.95	<=30	Pass
			2	11.82	0.32	12.14	<=30	Pass
			5	11.76	0.32	12.08	<=30	Pass
		3	0	12.01	0.32	12.33	<=30	Pass
			2	12.11	0.32	12.43	<=30	Pass
			3	12.09	0.32	12.41	<=30	Pass
		6	0	10.79	0.32	11.11	<=30	Pass
	1745	1	0	14.88	0.32	15.2	<=30	Pass
			2	15.00	0.32	15.32	<=30	Pass
			5	15.02	0.32	15.34	<=30	Pass
		3	0	15.07	0.32	15.39	<=30	Pass
			2	15.08	0.32	15.4	<=30	Pass
			3	15.10	0.32	15.42	<=30	Pass
		6	0	13.87	0.32	14.19	<=30	Pass
	1779.3	1	0	16.92	0.32	17.24	<=30	Pass
			2	17.06	0.32	17.38	<=30	Pass
			5	16.97	0.32	17.29	<=30	Pass
		3	0	16.88	0.32	17.2	<=30	Pass
			2	16.91	0.32	17.23	<=30	Pass
			3	16.92	0.32	17.24	<=30	Pass
		6	0	15.88	0.32	16.2	<=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	12.81	0.32	13.13	<=30	Pass
			7	13.14	0.32	13.46	<=30	Pass
			14	13.19	0.32	13.51	<=30	Pass
		8	0	11.89	0.32	12.21	<=30	Pass
			4	12.05	0.32	12.37	<=30	Pass
			7	12.12	0.32	12.44	<=30	Pass
		15	0	12.03	0.32	12.35	<=30	Pass
	1745	1	0	15.85	0.32	16.17	<=30	Pass
			7	16.14	0.32	16.46	<=30	Pass
			14	16.12	0.32	16.44	<=30	Pass
		8	0	14.96	0.32	15.28	<=30	Pass
			4	15.10	0.32	15.42	<=30	Pass
			7	15.14	0.32	15.46	<=30	Pass
		15	0	15.04	0.32	15.36	<=30	Pass
	1778.5	1	0	17.85	0.32	18.17	<=30	Pass
			7	17.99	0.32	18.31	<=30	Pass
			14	17.92	0.32	18.24	<=30	Pass
		8	0	16.93	0.32	17.25	<=30	Pass
			4	16.97	0.32	17.29	<=30	Pass
			7	16.95	0.32	17.27	<=30	Pass
		15	0	16.95	0.32	17.27	<=30	Pass
16QAM	1711.5	1	0	11.88	0.32	12.2	<=30	Pass
			7	12.21	0.32	12.53	<=30	Pass
			14	12.30	0.32	12.62	<=30	Pass
		8	0	11.01	0.32	11.33	<=30	Pass
			4	11.13	0.32	11.45	<=30	Pass
			7	11.19	0.32	11.51	<=30	Pass
		15	0	11.09	0.32	11.41	<=30	Pass
	1745	1	0	15.07	0.32	15.39	<=30	Pass
			7	15.34	0.32	15.66	<=30	Pass
			14	15.34	0.32	15.66	<=30	Pass
		8	0	13.94	0.32	14.26	<=30	Pass
			4	14.06	0.32	14.38	<=30	Pass
			7	14.10	0.32	14.42	<=30	Pass
		15	0	14.03	0.32	14.35	<=30	Pass
	1778.5	1	0	17.45	0.32	17.77	<=30	Pass
			7	17.55	0.32	17.87	<=30	Pass
			14	17.42	0.32	17.74	<=30	Pass
		8	0	16.09	0.32	16.41	<=30	Pass
			4	16.12	0.32	16.44	<=30	Pass

			7	16.11	0.32	16.43	<=30	Pass
		15	0	16.03	0.32	16.35	<=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	12.68	0.32	13	<=30	Pass
			13	13.13	0.32	13.45	<=30	Pass
			24	13.33	0.32	13.65	<=30	Pass
		12	0	11.85	0.32	12.17	<=30	Pass
			6	12.14	0.32	12.46	<=30	Pass
			13	12.30	0.32	12.62	<=30	Pass
		25	0	12.15	0.32	12.47	<=30	Pass
	1745	1	0	15.64	0.32	15.96	<=30	Pass
			13	15.96	0.32	16.28	<=30	Pass
			24	16.04	0.32	16.36	<=30	Pass
		12	0	14.79	0.32	15.11	<=30	Pass
			6	14.98	0.32	15.3	<=30	Pass
			13	15.06	0.32	15.38	<=30	Pass
		25	0	14.99	0.32	15.31	<=30	Pass
	1777.5	1	0	17.68	0.32	18	<=30	Pass
			13	17.84	0.32	18.16	<=30	Pass
			24	17.68	0.32	18	<=30	Pass
		12	0	16.73	0.32	17.05	<=30	Pass
			6	16.85	0.32	17.17	<=30	Pass
			13	16.88	0.32	17.2	<=30	Pass
		25	0	16.84	0.32	17.16	<=30	Pass
16QAM	1712.5	1	0	11.81	0.32	12.13	<=30	Pass
			13	12.29	0.32	12.61	<=30	Pass
			24	12.45	0.32	12.77	<=30	Pass
		12	0	10.88	0.32	11.2	<=30	Pass
			6	11.15	0.32	11.47	<=30	Pass
			13	11.28	0.32	11.6	<=30	Pass
		25	0	11.17	0.32	11.49	<=30	Pass
	1745	1	0	14.92	0.32	15.24	<=30	Pass
			13	15.29	0.32	15.61	<=30	Pass
			24	15.38	0.32	15.7	<=30	Pass
		12	0	13.85	0.32	14.17	<=30	Pass
			6	14.06	0.32	14.38	<=30	Pass
			13	14.09	0.32	14.41	<=30	Pass
		25	0	13.96	0.32	14.28	<=30	Pass
	1777.5	1	0	16.46	0.32	16.78	<=30	Pass
			13	16.38	0.32	16.7	<=30	Pass
			24	16.32	0.32	16.64	<=30	Pass
		12	0	15.59	0.32	15.91	<=30	Pass
			6	15.84	0.32	16.16	<=30	Pass
			13	15.84	0.32	16.16	<=30	Pass
		25	0	15.88	0.32	16.2	<=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	12.75	0.32	13.07	<=30	Pass
			25	13.70	0.32	14.02	<=30	Pass
			49	13.97	0.32	14.29	<=30	Pass
		25	0	12.17	0.32	12.49	<=30	Pass
			13	12.59	0.32	12.91	<=30	Pass
			25	12.91	0.32	13.23	<=30	Pass
		50	0	12.59	0.32	12.91	<=30	Pass
	1745	1	0	15.43	0.32	15.75	<=30	Pass
			25	16.12	0.32	16.44	<=30	Pass
			49	16.28	0.32	16.6	<=30	Pass
		25	0	14.87	0.32	15.19	<=30	Pass
			13	15.04	0.32	15.36	<=30	Pass
			25	15.28	0.32	15.6	<=30	Pass
		50	0	15.10	0.32	15.42	<=30	Pass
	1775	1	0	17.58	0.32	17.9	<=30	Pass
			25	17.79	0.32	18.11	<=30	Pass
			49	17.43	0.32	17.75	<=30	Pass
		25	0	16.56	0.32	16.88	<=30	Pass
			13	16.79	0.32	17.11	<=30	Pass
			25	16.74	0.32	17.06	<=30	Pass
		50	0	16.50	0.32	16.82	<=30	Pass
16QAM	1715	1	0	11.80	0.32	12.12	<=30	Pass
			25	12.73	0.32	13.05	<=30	Pass
			49	13.02	0.32	13.34	<=30	Pass
		25	0	11.27	0.32	11.59	<=30	Pass
			13	11.70	0.32	12.02	<=30	Pass
			25	11.97	0.32	12.29	<=30	Pass
		50	0	11.63	0.32	11.95	<=30	Pass
	1745	1	0	14.53	0.32	14.85	<=30	Pass
			25	15.12	0.32	15.44	<=30	Pass
			49	15.38	0.32	15.7	<=30	Pass
		25	0	13.89	0.32	14.21	<=30	Pass
			13	14.09	0.32	14.41	<=30	Pass
			25	14.33	0.32	14.65	<=30	Pass
		50	0	14.08	0.32	14.4	<=30	Pass
	1775	1	0	16.81	0.32	17.13	<=30	Pass
			25	17.23	0.32	17.55	<=30	Pass
			49	16.88	0.32	17.2	<=30	Pass
		25	0	15.53	0.32	15.85	<=30	Pass
			13	15.58	0.32	15.9	<=30	Pass
			25	15.84	0.32	16.16	<=30	Pass
		50	0	15.67	0.32	15.99	<=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	12.61	0.32	12.93	<=30	Pass
			38	13.81	0.32	14.13	<=30	Pass
			74	14.27	0.32	14.59	<=30	Pass
		36	0	12.26	0.32	12.58	<=30	Pass
			18	12.79	0.32	13.11	<=30	Pass
			39	13.25	0.32	13.57	<=30	Pass
		75	0	12.85	0.32	13.17	<=30	Pass
	1745	1	0	15.16	0.32	15.48	<=30	Pass
			38	15.96	0.32	16.28	<=30	Pass
			74	16.18	0.32	16.5	<=30	Pass
		36	0	14.65	0.32	14.97	<=30	Pass
			18	14.91	0.32	15.23	<=30	Pass
			39	15.28	0.32	15.6	<=30	Pass
		75	0	14.93	0.32	15.25	<=30	Pass
	1772.5	1	0	17.19	0.32	17.51	<=30	Pass
			38	17.63	0.32	17.95	<=30	Pass
			74	17.23	0.32	17.55	<=30	Pass
		36	0	16.41	0.32	16.73	<=30	Pass
			18	16.53	0.32	16.85	<=30	Pass
			39	16.50	0.32	16.82	<=30	Pass
		75	0	16.28	0.32	16.6	<=30	Pass
16QAM	1717.5	1	0	12.11	0.32	12.43	<=30	Pass
			38	13.26	0.32	13.58	<=30	Pass
			74	13.71	0.32	14.03	<=30	Pass
		36	0	11.24	0.32	11.56	<=30	Pass
			18	11.79	0.32	12.11	<=30	Pass
			39	12.26	0.32	12.58	<=30	Pass
		75	0	11.76	0.32	12.08	<=30	Pass
	1745	1	0	14.36	0.32	14.68	<=30	Pass
			38	14.92	0.32	15.24	<=30	Pass
			74	15.23	0.32	15.55	<=30	Pass
		36	0	13.36	0.32	13.68	<=30	Pass
			18	13.81	0.32	14.13	<=30	Pass
			39	14.27	0.32	14.59	<=30	Pass
		75	0	13.87	0.32	14.19	<=30	Pass
	1772.5	1	0	16.51	0.32	16.83	<=30	Pass
			38	16.93	0.32	17.25	<=30	Pass
			74	16.78	0.32	17.1	<=30	Pass
		36	0	15.36	0.32	15.68	<=30	Pass
			18	15.61	0.32	15.93	<=30	Pass
			39	15.50	0.32	15.82	<=30	Pass
		75	0	15.28	0.32	15.6	<=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	12.53	0.32	12.85	<=30	Pass
			50	14.22	0.32	14.54	<=30	Pass
			99	14.49	0.32	14.81	<=30	Pass
		50	0	12.55	0.32	12.87	<=30	Pass
			25	13.13	0.32	13.45	<=30	Pass
			50	13.61	0.32	13.93	<=30	Pass
		100	0	13.07	0.32	13.39	<=30	Pass
	1745	1	0	14.87	0.32	15.19	<=30	Pass
			50	16.05	0.32	16.37	<=30	Pass
			99	16.50	0.32	16.82	<=30	Pass
		50	0	14.66	0.32	14.98	<=30	Pass
			25	15.02	0.32	15.34	<=30	Pass
			50	15.54	0.32	15.86	<=30	Pass
		100	0	15.13	0.32	15.45	<=30	Pass
	1770	1	0	16.96	0.32	17.28	<=30	Pass
			50	17.75	0.32	18.07	<=30	Pass
			99	17.51	0.32	17.83	<=30	Pass
		50	0	16.64	0.32	16.96	<=30	Pass
			25	16.67	0.32	16.99	<=30	Pass
			50	16.68	0.32	17	<=30	Pass
		100	0	16.66	0.32	16.98	<=30	Pass
16QAM	1720	1	0	12.10	0.32	12.42	<=30	Pass
			50	13.81	0.32	14.13	<=30	Pass
			99	14.11	0.32	14.43	<=30	Pass
		50	0	11.55	0.32	11.87	<=30	Pass
			25	12.11	0.32	12.43	<=30	Pass
			50	12.55	0.32	12.87	<=30	Pass
		100	0	12.10	0.32	12.42	<=30	Pass
	1745	1	0	14.13	0.32	14.45	<=30	Pass
			50	15.30	0.32	15.62	<=30	Pass
			99	15.54	0.32	15.86	<=30	Pass
		50	0	13.65	0.32	13.97	<=30	Pass
			25	13.99	0.32	14.31	<=30	Pass
			50	14.56	0.32	14.88	<=30	Pass
		100	0	14.08	0.32	14.4	<=30	Pass
	1770	1	0	16.23	0.32	16.55	<=30	Pass
			50	17.05	0.32	17.37	<=30	Pass
			99	16.80	0.32	17.12	<=30	Pass
		50	0	15.60	0.32	15.92	<=30	Pass
			25	15.66	0.32	15.98	<=30	Pass
			50	15.65	0.32	15.97	<=30	Pass

		100	0	15.66	0.32	15.98	<=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	-8.712	-0.0051	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
					4.43	-30.055	-0.0176	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-20.871	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-38.738	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-34.018	-0.0199	-2.5 to 2.5	Pass
				10	3.85	-16.479	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-32.687	-0.0191	-2.5 to 2.5	Pass
				40	3.85	-14.076	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-32.144	-0.0188	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-3.347	-0.0019	-2.5 to 2.5	Pass
					3.85	6.022	0.0035	-2.5 to 2.5	Pass
					4.43	16.336	0.0094	-2.5 to 2.5	Pass
				-30	3.85	24.118	0.0138	-2.5 to 2.5	Pass
				-20	3.85	31.099	0.0178	-2.5 to 2.5	Pass
				-10	3.85	40.212	0.0230	-2.5 to 2.5	Pass
				0	3.85	7.310	0.0042	-2.5 to 2.5	Pass
				10	3.85	-31.700	-0.0182	-2.5 to 2.5	Pass
				30	3.85	7.825	0.0045	-2.5 to 2.5	Pass
				40	3.85	15.736	0.0090	-2.5 to 2.5	Pass
				50	3.85	24.834	0.0142	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-5.164	-0.0029	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0047	-2.5 to 2.5	Pass
					4.43	-19.598	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-21.300	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-8.411	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-28.582	-0.0161	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-24.047	-0.0135	-2.5 to 2.5	Pass
				40	3.85	-8.039	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-32.644	-0.0183	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	9.942	0.0058	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
					4.43	-22.745	-0.0133	-2.5 to 2.5	Pass

				-30	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				10	3.85	8.669	0.0051	-2.5 to 2.5	Pass
				30	3.85	17.366	0.0102	-2.5 to 2.5	Pass
				40	3.85	26.493	0.0155	-2.5 to 2.5	Pass
				50	3.85	35.462	0.0207	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	34.189	0.0196	-2.5 to 2.5	Pass
					3.85	6.566	0.0038	-2.5 to 2.5	Pass
					4.43	16.580	0.0095	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	6.995	0.0040	-2.5 to 2.5	Pass
				-10	3.85	14.820	0.0085	-2.5 to 2.5	Pass
				0	3.85	23.246	0.0133	-2.5 to 2.5	Pass
				10	3.85	29.984	0.0172	-2.5 to 2.5	Pass
				30	3.85	37.279	0.0214	-2.5 to 2.5	Pass
				40	3.85	42.586	0.0244	-2.5 to 2.5	Pass
				50	3.85	11.101	0.0064	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-14.148	-0.0080	-2.5 to 2.5	Pass
					3.85	-18.926	-0.0106	-2.5 to 2.5	Pass
					4.43	-33.031	-0.0186	-2.5 to 2.5	Pass
				-30	3.85	-15.607	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-26.779	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-40.026	-0.0225	-2.5 to 2.5	Pass
				0	3.85	-17.495	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-29.740	-0.0167	-2.5 to 2.5	Pass
				30	3.85	13.075	0.0073	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.775	0.0016	-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	9.112	0.0053	-2.5 to 2.5	Pass
					3.85	13.247	0.0077	-2.5 to 2.5	Pass
					4.43	7.610	0.0044	-2.5 to 2.5	Pass
				-30	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-14.505	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-30.627	-0.0179	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-12.417	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-20.256	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-36.678	-0.0214	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	18.611	0.0107	-2.5 to 2.5	Pass
					3.85	23.088	0.0132	-2.5 to 2.5	Pass
					4.43	15.507	0.0089	-2.5 to 2.5	Pass

				-30	3.85	3.033	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-9.170	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-26.736	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-18.067	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-35.505	-0.0203	-2.5 to 2.5	Pass
				40	3.85	-24.762	-0.0142	-2.5 to 2.5	Pass
				50	3.85	-36.793	-0.0211	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	18.940	0.0106	-2.5 to 2.5	Pass
					3.85	23.260	0.0131	-2.5 to 2.5	Pass
					4.43	16.766	0.0094	-2.5 to 2.5	Pass
				-30	3.85	7.138	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-8.254	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-26.751	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-19.627	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-37.222	-0.0209	-2.5 to 2.5	Pass
				30	3.85	-17.195	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-32.673	-0.0184	-2.5 to 2.5	Pass
				50	3.85	-7.682	-0.0043	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	0.887	0.0005	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0035	-2.5 to 2.5	Pass
					4.43	-3.219	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	6.666	0.0039	-2.5 to 2.5	Pass
				-20	3.85	17.052	0.0100	-2.5 to 2.5	Pass
				-10	3.85	29.397	0.0172	-2.5 to 2.5	Pass
				0	3.85	31.557	0.0184	-2.5 to 2.5	Pass
				10	3.85	3.748	0.0022	-2.5 to 2.5	Pass
				30	3.85	15.693	0.0092	-2.5 to 2.5	Pass
				40	3.85	23.589	0.0138	-2.5 to 2.5	Pass
				50	3.85	34.690	0.0203	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-37.808	-0.0217	-2.5 to 2.5	Pass
					3.85	-27.123	-0.0155	-2.5 to 2.5	Pass
					4.43	-13.490	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				-20	3.85	17.781	0.0102	-2.5 to 2.5	Pass
				-10	3.85	34.475	0.0198	-2.5 to 2.5	Pass
				0	3.85	24.319	0.0139	-2.5 to 2.5	Pass
				10	3.85	39.711	0.0228	-2.5 to 2.5	Pass
				30	3.85	16.036	0.0092	-2.5 to 2.5	Pass
				40	3.85	28.238	0.0162	-2.5 to 2.5	Pass
				50	3.85	40.870	0.0234	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-25.363	-0.0143	-2.5 to 2.5	Pass
					3.85	-35.548	-0.0200	-2.5 to 2.5	Pass
					4.43	-11.873	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-11.773	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	9.241	0.0052	-2.5 to 2.5	Pass
				0	3.85	23.189	0.0130	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				30	3.85	14.591	0.0082	-2.5 to 2.5	Pass
				40	3.85	28.481	0.0160	-2.5 to 2.5	Pass
				50	3.85	4.249	0.0024	-2.5 to 2.5	Pass

2.3 B66_5MHz

2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-7.510	-0.0044	-2.5 to 2.5	Pass
					3.85	-20.270	-0.0118	-2.5 to 2.5	Pass
					4.43	-33.889	-0.0198	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-11.773	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-31.543	-0.0184	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-32.401	-0.0189	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-17.509	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-32.129	-0.0188	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	12.746	0.0073	-2.5 to 2.5	Pass
					3.85	21.772	0.0125	-2.5 to 2.5	Pass
					4.43	25.935	0.0149	-2.5 to 2.5	Pass
				-30	3.85	35.863	0.0206	-2.5 to 2.5	Pass
				-20	3.85	19.312	0.0111	-2.5 to 2.5	Pass
				-10	3.85	14.677	0.0084	-2.5 to 2.5	Pass
				0	3.85	26.093	0.0150	-2.5 to 2.5	Pass
				10	3.85	35.248	0.0202	-2.5 to 2.5	Pass
				30	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				40	3.85	14.405	0.0083	-2.5 to 2.5	Pass
				50	3.85	22.101	0.0127	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
					4.43	-14.033	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-32.058	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-17.552	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-13.547	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-26.636	-0.0150	-2.5 to 2.5	Pass
				40	3.85	-19.484	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-13.161	-0.0074	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-20.156	-0.0118	-2.5 to 2.5	Pass
					3.85	-29.984	-0.0175	-2.5 to 2.5	Pass
					4.43	-20.585	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-10.257	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				-10	3.85	12.345	0.0072	-2.5 to 2.5	Pass
				0	3.85	23.046	0.0135	-2.5 to 2.5	Pass
				10	3.85	35.148	0.0205	-2.5 to 2.5	Pass
				30	3.85	21.873	0.0128	-2.5 to 2.5	Pass
				40	3.85	33.746	0.0197	-2.5 to 2.5	Pass
				50	3.85	35.906	0.0210	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	32.358	0.0185	-2.5 to 2.5	Pass
					3.85	26.350	0.0151	-2.5 to 2.5	Pass
					4.43	1.230	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	6.180	0.0035	-2.5 to 2.5	Pass

				-10	3.85	16.451	0.0094	-2.5 to 2.5	Pass
				0	3.85	25.692	0.0147	-2.5 to 2.5	Pass
				10	3.85	35.462	0.0203	-2.5 to 2.5	Pass
				30	3.85	44.560	0.0255	-2.5 to 2.5	Pass
				40	3.85	5.336	0.0031	-2.5 to 2.5	Pass
				50	3.85	11.888	0.0068	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-30.627	-0.0172	-2.5 to 2.5	Pass
					3.85	-42.715	-0.0240	-2.5 to 2.5	Pass
					4.43	-19.326	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-31.414	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-45.476	-0.0256	-2.5 to 2.5	Pass
				-10	3.85	-20.471	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-35.248	-0.0198	-2.5 to 2.5	Pass
				10	3.85	6.108	0.0034	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				50	3.85	13.704	0.0077	-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	-6.566	-0.0038	-2.5 to 2.5	Pass
					3.85	-11.072	-0.0065	-2.5 to 2.5	Pass
					4.43	-18.053	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	11.930	0.0070	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-17.953	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-21.272	-0.0124	-2.5 to 2.5	Pass
				10	3.85	-34.432	-0.0201	-2.5 to 2.5	Pass
				30	3.85	-16.265	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-27.065	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-31.357	-0.0183	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	19.941	0.0114	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
					4.43	-20.556	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-40.541	-0.0232	-2.5 to 2.5	Pass
				-20	3.85	-25.721	-0.0147	-2.5 to 2.5	Pass
				-10	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-28.811	-0.0165	-2.5 to 2.5	Pass
				10	3.85	-8.769	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-15.850	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-31.157	-0.0179	-2.5 to 2.5	Pass
				50	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-12.403	-0.0070	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
					4.43	6.423	0.0036	-2.5 to 2.5	Pass
				-30	3.85	17.395	0.0098	-2.5 to 2.5	Pass
				-20	3.85	28.410	0.0160	-2.5 to 2.5	Pass

				-10	3.85	38.409	0.0216	-2.5 to 2.5	Pass
				0	3.85	20.957	0.0118	-2.5 to 2.5	Pass
				10	3.85	30.212	0.0170	-2.5 to 2.5	Pass
				30	3.85	35.377	0.0199	-2.5 to 2.5	Pass
				40	3.85	42.372	0.0239	-2.5 to 2.5	Pass
				50	3.85	10.872	0.0061	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-20.943	-0.0122	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
					4.43	11.172	0.0065	-2.5 to 2.5	Pass
				-30	3.85	27.680	0.0161	-2.5 to 2.5	Pass
				-20	3.85	44.618	0.0260	-2.5 to 2.5	Pass
				-10	3.85	22.373	0.0130	-2.5 to 2.5	Pass
				0	3.85	37.022	0.0216	-2.5 to 2.5	Pass
				10	3.85	26.851	0.0157	-2.5 to 2.5	Pass
				30	3.85	41.156	0.0240	-2.5 to 2.5	Pass
				40	3.85	16.751	0.0098	-2.5 to 2.5	Pass
				50	3.85	28.782	0.0168	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-9.055	-0.0052	-2.5 to 2.5	Pass
					3.85	4.435	0.0025	-2.5 to 2.5	Pass
					4.43	19.798	0.0113	-2.5 to 2.5	Pass
				-30	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				-20	3.85	25.120	0.0144	-2.5 to 2.5	Pass
				-10	3.85	5.536	0.0032	-2.5 to 2.5	Pass
				0	3.85	25.492	0.0146	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				30	3.85	11.144	0.0064	-2.5 to 2.5	Pass
				40	3.85	27.366	0.0157	-2.5 to 2.5	Pass
				50	3.85	28.696	0.0164	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	18.826	0.0106	-2.5 to 2.5	Pass
					3.85	27.437	0.0155	-2.5 to 2.5	Pass
					4.43	31.142	0.0175	-2.5 to 2.5	Pass
				-30	3.85	38.266	0.0216	-2.5 to 2.5	Pass
				-20	3.85	45.977	0.0259	-2.5 to 2.5	Pass
				-10	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				0	3.85	9.627	0.0054	-2.5 to 2.5	Pass
				10	3.85	14.906	0.0084	-2.5 to 2.5	Pass
				30	3.85	22.473	0.0127	-2.5 to 2.5	Pass
				40	3.85	28.868	0.0163	-2.5 to 2.5	Pass
				50	3.85	35.162	0.0198	-2.5 to 2.5	Pass

2.5 B66_15MHz

2.5.1 Test Result

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-8.898	-0.0052	-2.5 to 2.5	Pass
					3.85	-28.911	-0.0168	-2.5 to 2.5	Pass
					4.43	-16.465	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-31.657	-0.0184	-2.5 to 2.5	Pass

				-10	3.85	-20.685	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-9.584	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-33.889	-0.0197	-2.5 to 2.5	Pass
				30	3.85	-19.441	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-27.452	-0.0160	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-1.760	-0.0010	-2.5 to 2.5	Pass
					3.85	14.777	0.0085	-2.5 to 2.5	Pass
					4.43	10.285	0.0059	-2.5 to 2.5	Pass
				-30	3.85	3.877	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.347	0.0019	-2.5 to 2.5	Pass
				0	3.85	16.608	0.0095	-2.5 to 2.5	Pass
				10	3.85	37.265	0.0214	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				40	3.85	14.420	0.0083	-2.5 to 2.5	Pass
				50	3.85	18.911	0.0108	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	8.326	0.0047	-2.5 to 2.5	Pass
					3.85	3.576	0.0020	-2.5 to 2.5	Pass
					4.43	-10.242	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-31.443	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-16.208	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-23.503	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-24.233	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-18.296	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-12.946	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-28.582	-0.0161	-2.5 to 2.5	Pass
				50	3.85	-12.860	-0.0073	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	3.104	0.0018	-2.5 to 2.5	Pass
					3.85	-25.563	-0.0149	-2.5 to 2.5	Pass
					4.43	-37.951	-0.0221	-2.5 to 2.5	Pass
				-30	3.85	2.775	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-14.706	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-25.878	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-13.433	-0.0078	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	-9.084	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-17.266	-0.0101	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	15.435	0.0088	-2.5 to 2.5	Pass
					3.85	27.752	0.0159	-2.5 to 2.5	Pass
					4.43	16.422	0.0094	-2.5 to 2.5	Pass
				-30	3.85	34.361	0.0197	-2.5 to 2.5	Pass
				-20	3.85	13.576	0.0078	-2.5 to 2.5	Pass
				-10	3.85	29.840	0.0171	-2.5 to 2.5	Pass
				0	3.85	36.449	0.0209	-2.5 to 2.5	Pass
				10	3.85	34.704	0.0199	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	13.418	0.0077	-2.5 to 2.5	Pass
				50	3.85	25.048	0.0144	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-30.055	-0.0170	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
					4.43	-6.480	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				-20	3.85	19.484	0.0110	-2.5 to 2.5	Pass

				-10	3.85	25.792	0.0146	-2.5 to 2.5	Pass
				0	3.85	20.628	0.0116	-2.5 to 2.5	Pass
				10	3.85	40.913	0.0231	-2.5 to 2.5	Pass
				30	3.85	20.313	0.0115	-2.5 to 2.5	Pass
				40	3.85	39.511	0.0223	-2.5 to 2.5	Pass
				50	3.85	8.254	0.0047	-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	-10.915	-0.0063	-2.5 to 2.5	Pass
					3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
					4.43	13.590	0.0079	-2.5 to 2.5	Pass
				-30	3.85	34.475	0.0200	-2.5 to 2.5	Pass
				-20	3.85	13.018	0.0076	-2.5 to 2.5	Pass
				-10	3.85	26.379	0.0153	-2.5 to 2.5	Pass
				0	3.85	34.533	0.0201	-2.5 to 2.5	Pass
				10	3.85	40.526	0.0236	-2.5 to 2.5	Pass
				30	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-8.626	-0.0050	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	2.789	0.0016	-2.5 to 2.5	Pass
					3.85	-16.208	-0.0093	-2.5 to 2.5	Pass
					4.43	-25.234	-0.0145	-2.5 to 2.5	Pass
				-30	3.85	-30.656	-0.0176	-2.5 to 2.5	Pass
				-20	3.85	-7.854	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-24.304	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-18.282	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-10.772	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-36.836	-0.0211	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-15.764	-0.0089	-2.5 to 2.5	Pass
					3.85	17.066	0.0096	-2.5 to 2.5	Pass
					4.43	31.815	0.0180	-2.5 to 2.5	Pass
				-30	3.85	7.167	0.0040	-2.5 to 2.5	Pass
				-20	3.85	30.012	0.0170	-2.5 to 2.5	Pass
				-10	3.85	13.361	0.0075	-2.5 to 2.5	Pass
				0	3.85	32.458	0.0183	-2.5 to 2.5	Pass
				10	3.85	12.374	0.0070	-2.5 to 2.5	Pass
				30	3.85	28.353	0.0160	-2.5 to 2.5	Pass
				40	3.85	41.156	0.0233	-2.5 to 2.5	Pass
				50	3.85	16.608	0.0094	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-7.524	-0.0044	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.466	-0.0038	-2.5 to 2.5	Pass

				-10	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-20.285	-0.0116	-2.5 to 2.5	Pass
					3.85	-33.360	-0.0191	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-17.653	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-13.475	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-20.056	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-35.992	-0.0206	-2.5 to 2.5	Pass
				10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				30	3.85	-9.885	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				50	3.85	17.681	0.0101	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	27.094	0.0153	-2.5 to 2.5	Pass
					3.85	41.800	0.0236	-2.5 to 2.5	Pass
					4.43	16.193	0.0091	-2.5 to 2.5	Pass
				-30	3.85	27.981	0.0158	-2.5 to 2.5	Pass
				-20	3.85	37.308	0.0211	-2.5 to 2.5	Pass
				-10	3.85	23.632	0.0134	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	5.622	0.0032	-2.5 to 2.5	Pass
				30	3.85	15.063	0.0085	-2.5 to 2.5	Pass
				40	3.85	23.775	0.0134	-2.5 to 2.5	Pass
				50	3.85	6.137	0.0035	-2.5 to 2.5	Pass

3. Modulation Characteristics

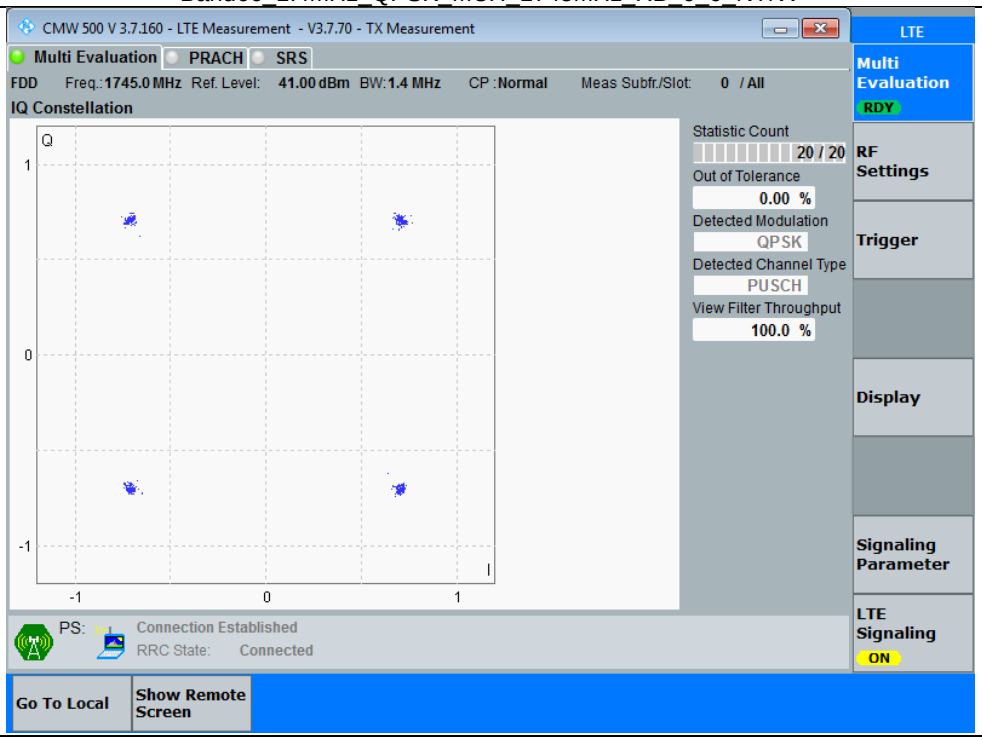
3.1 B66_1.4MHz

3.1.1 Test Result

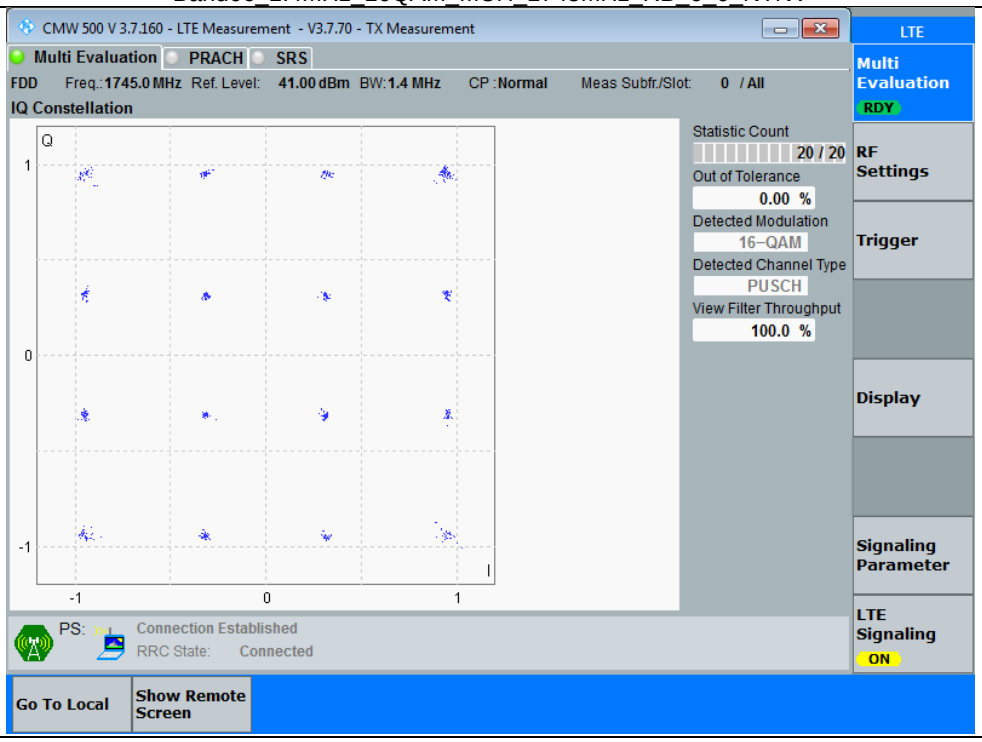
Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

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



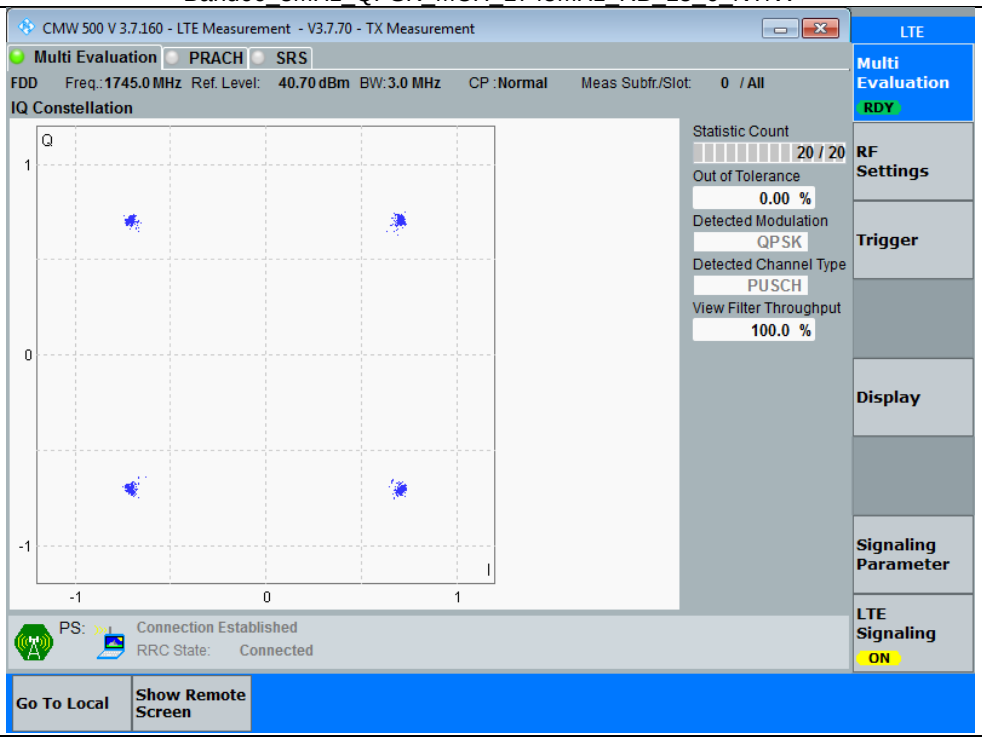
3.2 B66_3MHz

3.2.1 Test Result

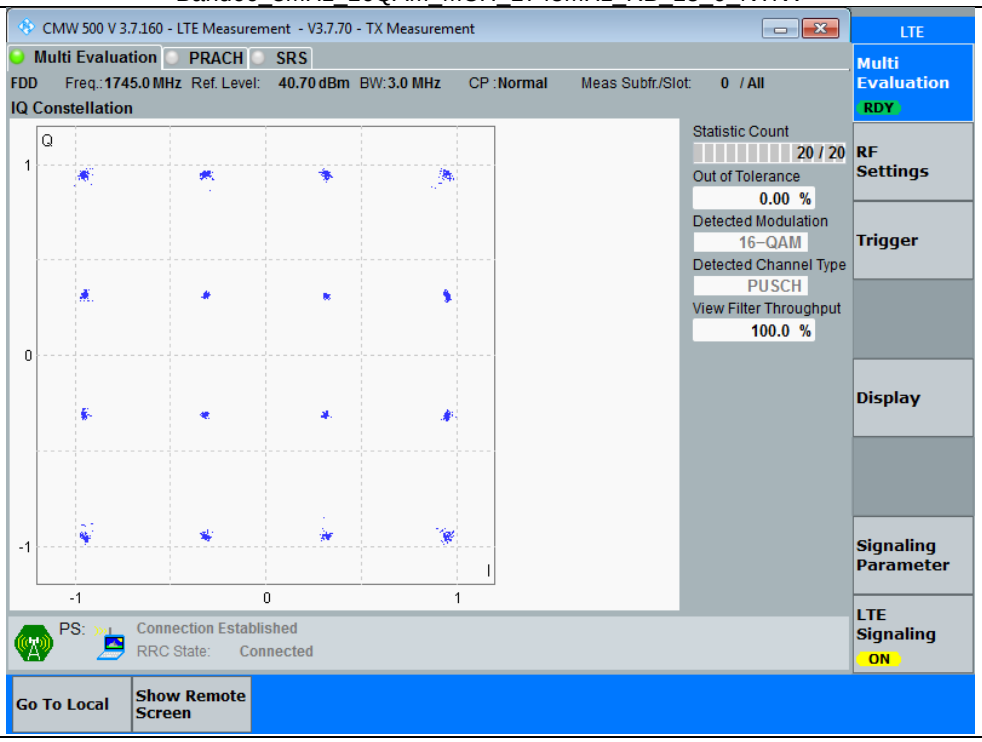
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



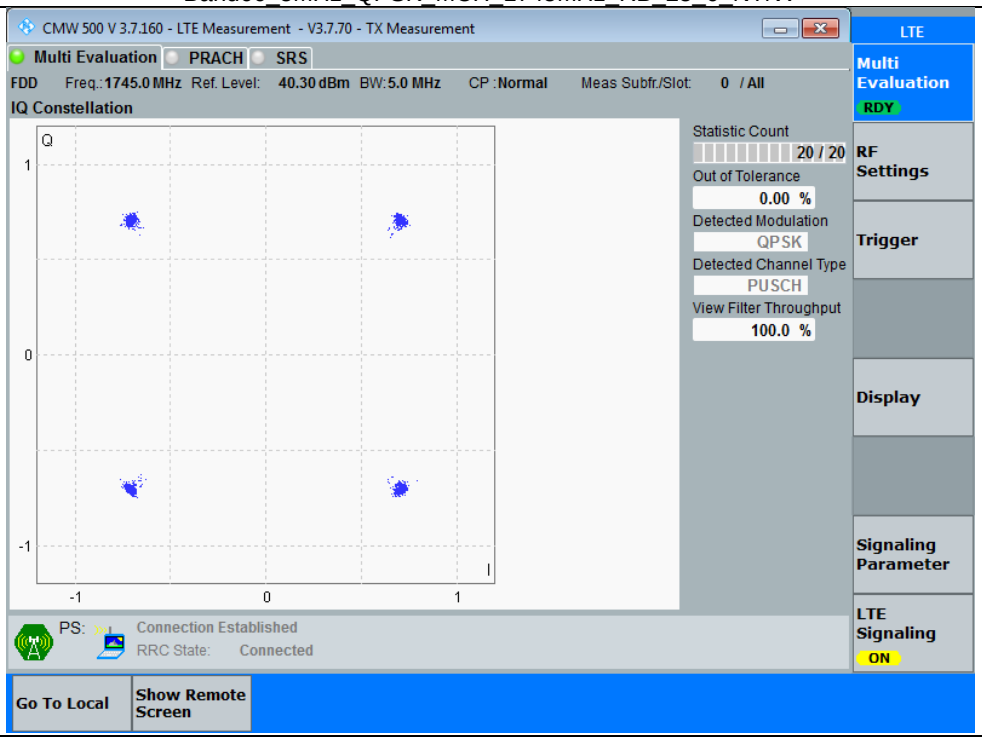
3.3 B66_5MHz

3.3.1 Test Result

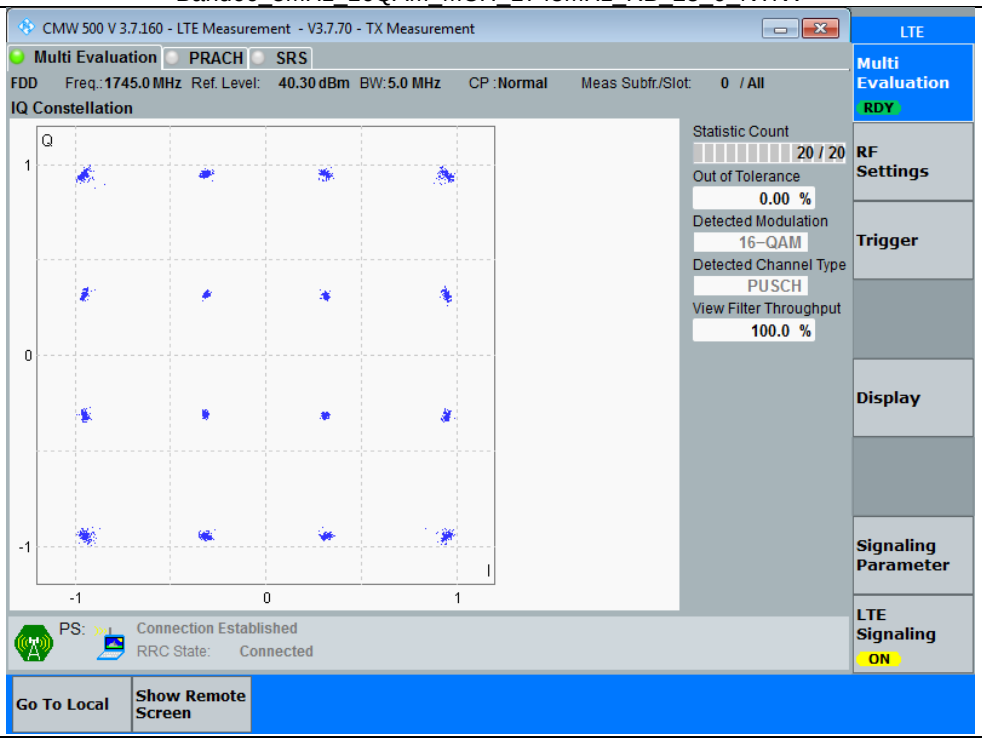
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



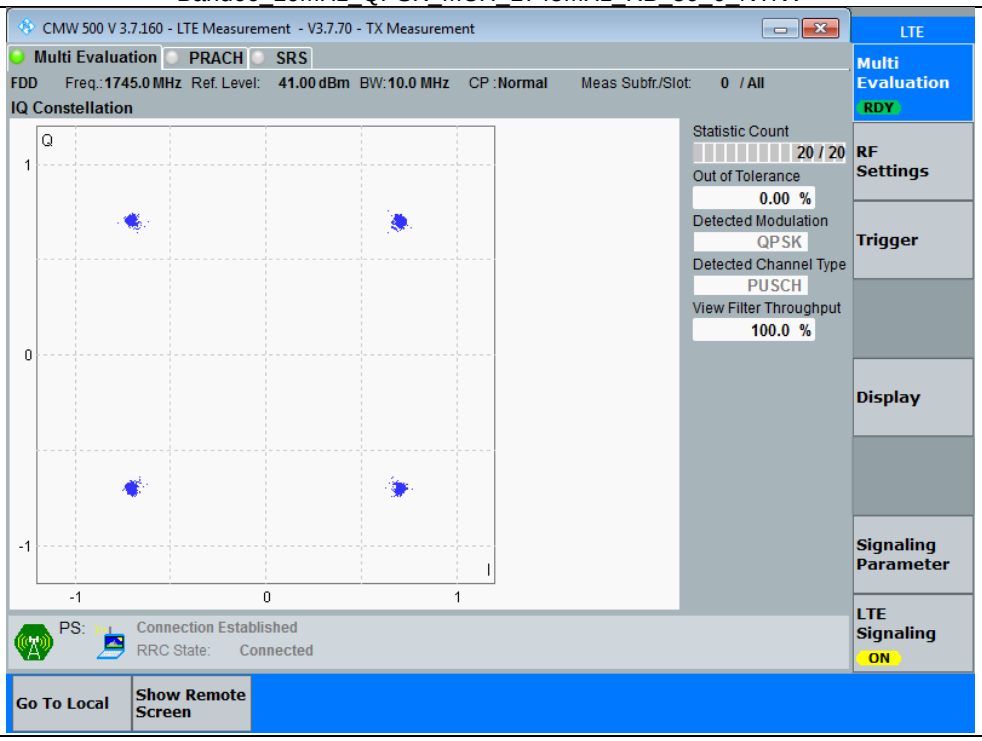
3.4 B66_10MHz

3.4.1 Test Result

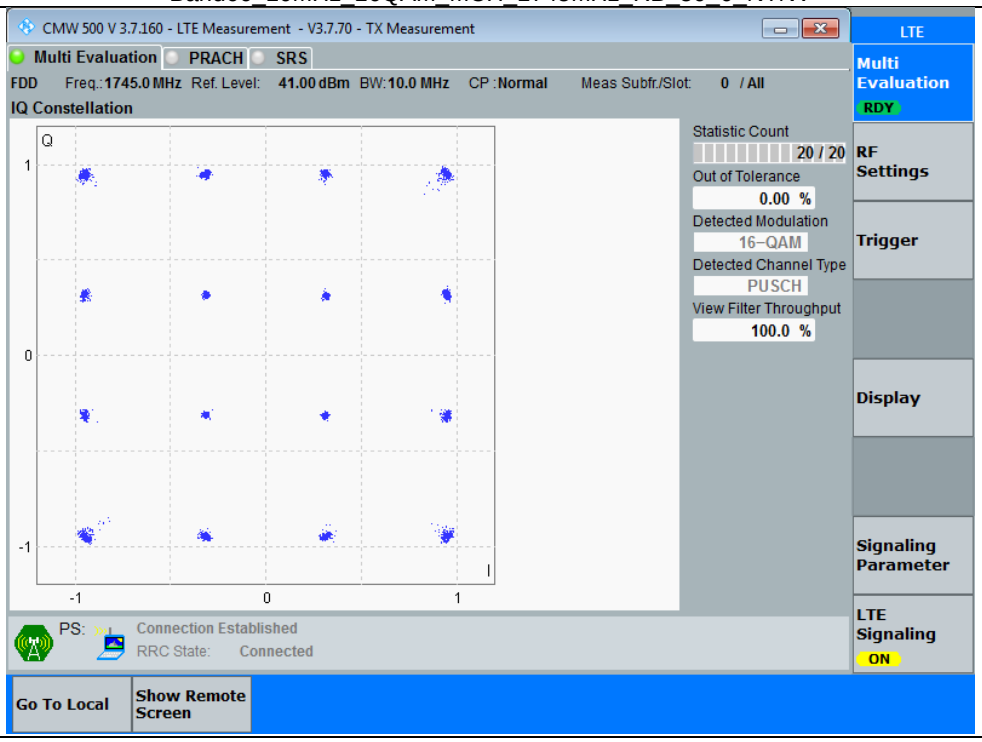
Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



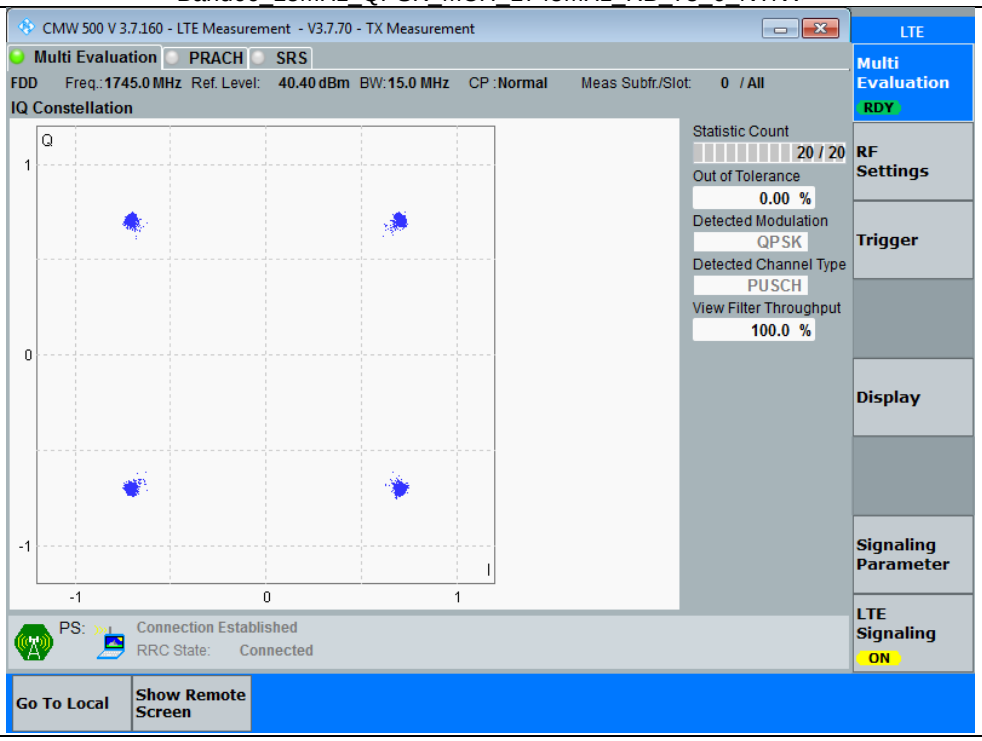
3.5 B66_15MHz

3.5.1 Test Result

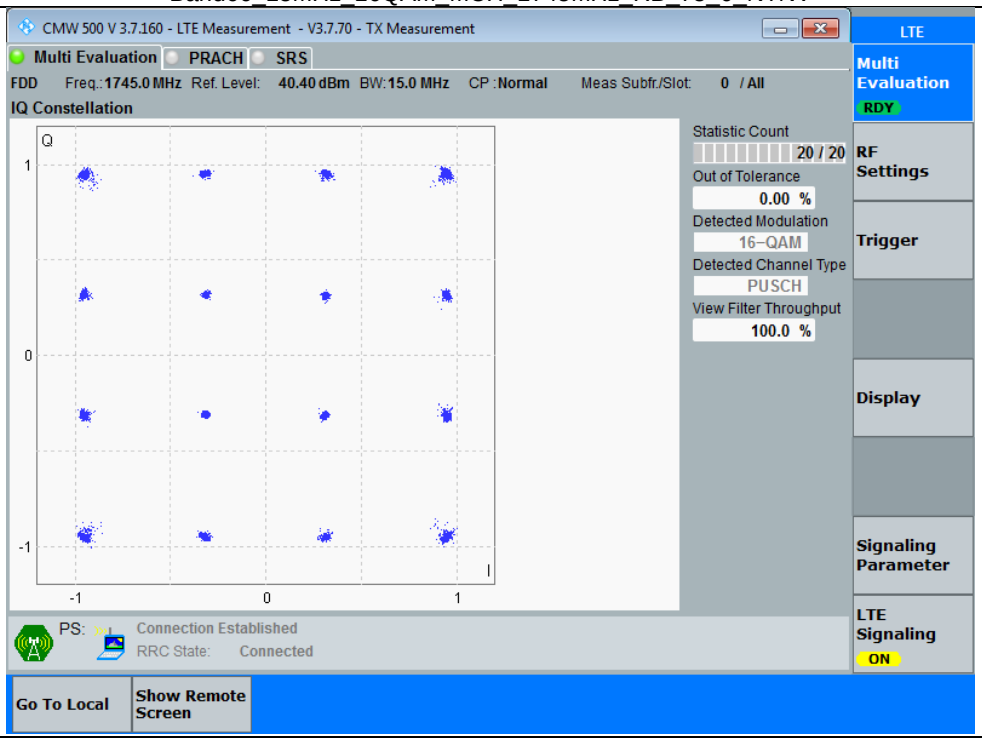
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



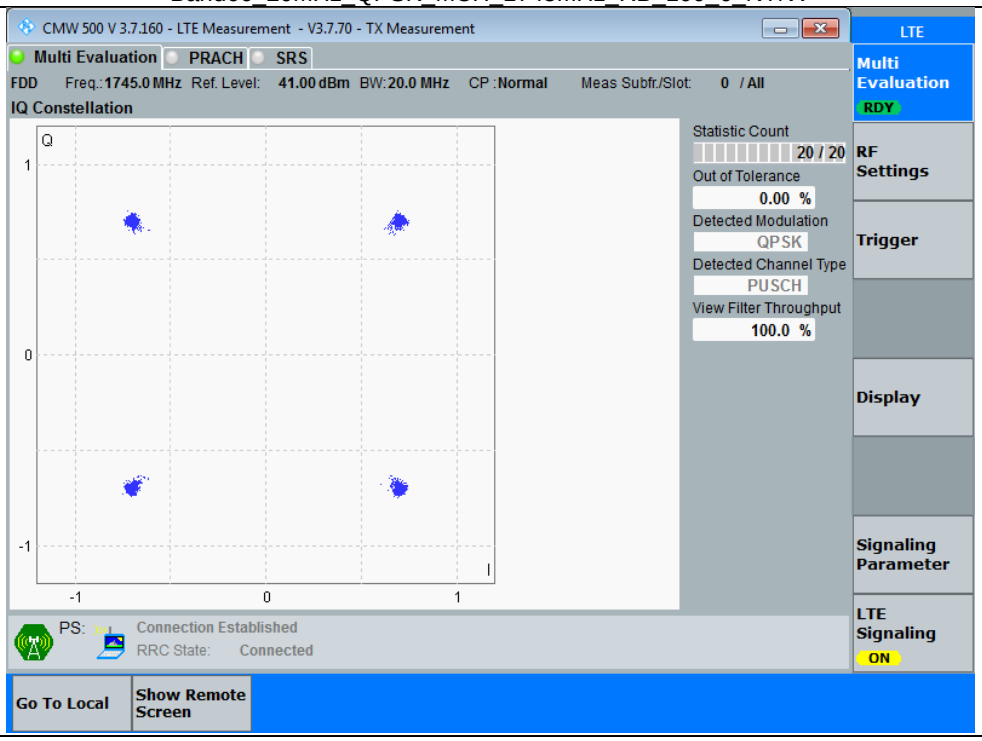
3.6 B66_20MHz

3.6.1 Test Result

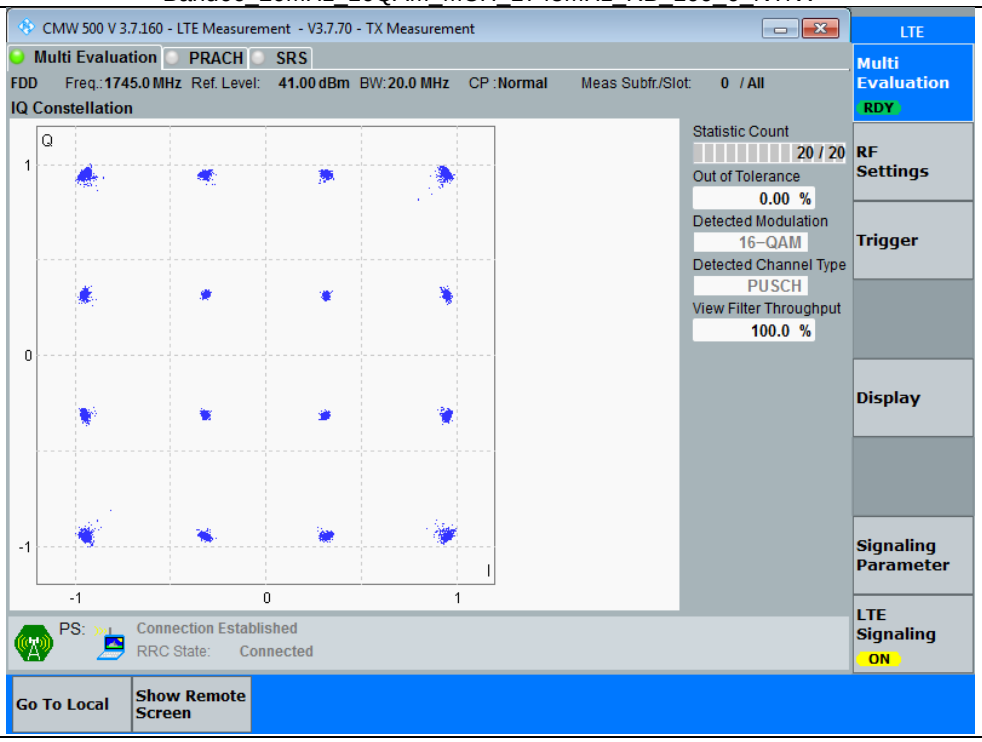
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

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

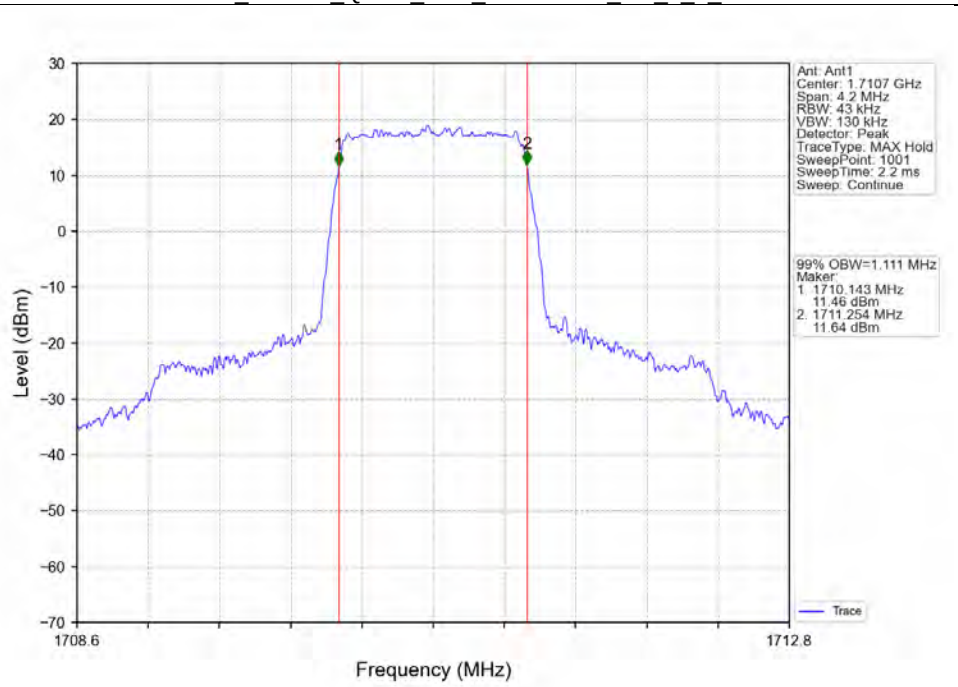
4.1 Band66_OBW

4.1.1 Test Result

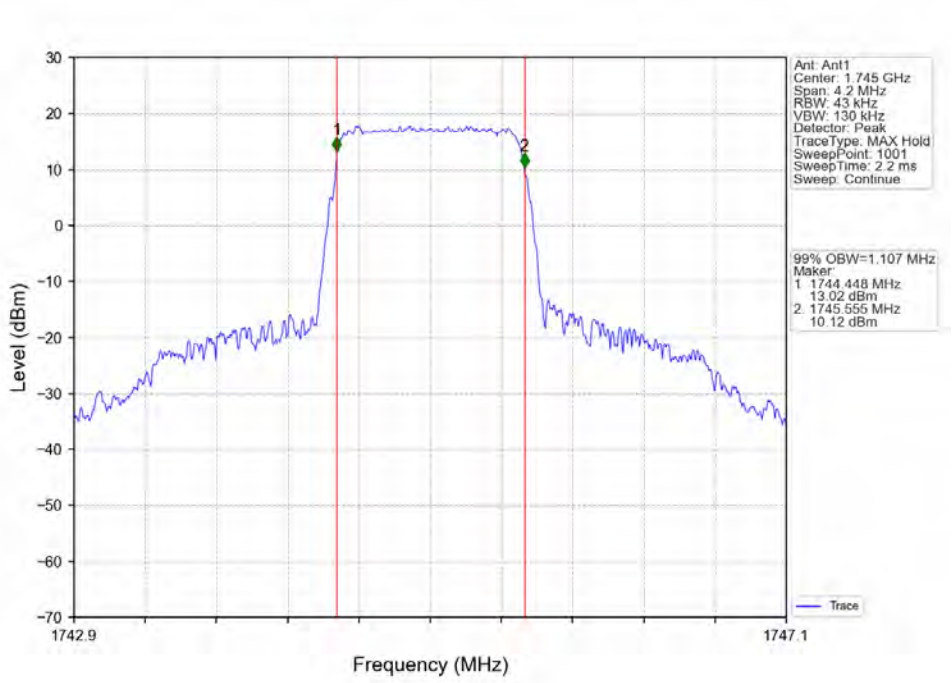
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.111	Pass
		1745	6	0	1.107	Pass
		1779.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.110	Pass
		1745	6	0	1.122	Pass
		1779.3	6	0	1.116	Pass
3	QPSK	1711.5	15	0	2.762	Pass
		1745	15	0	2.754	Pass
		1778.5	15	0	2.781	Pass
	16QAM	1711.5	15	0	2.770	Pass
		1745	15	0	2.751	Pass
		1778.5	15	0	2.784	Pass
5	QPSK	1712.5	25	0	4.563	Pass
		1745	25	0	4.562	Pass
		1777.5	25	0	4.557	Pass
	16QAM	1712.5	25	0	4.557	Pass
		1745	25	0	4.575	Pass
		1777.5	25	0	4.594	Pass
10	QPSK	1715	50	0	9.078	Pass
		1745	50	0	9.062	Pass
		1775	50	0	9.128	Pass
	16QAM	1715	50	0	9.057	Pass
		1745	50	0	9.057	Pass
		1775	50	0	9.103	Pass
15	QPSK	1717.5	75	0	13.594	Pass
		1745	75	0	13.599	Pass
		1772.5	75	0	13.642	Pass
	16QAM	1717.5	75	0	13.579	Pass
		1745	75	0	13.619	Pass
		1772.5	75	0	13.664	Pass
20	QPSK	1720	100	0	18.111	Pass
		1745	100	0	18.161	Pass
		1770	100	0	18.172	Pass
	16QAM	1720	100	0	18.171	Pass
		1745	100	0	18.163	Pass
		1770	100	0	18.142	Pass

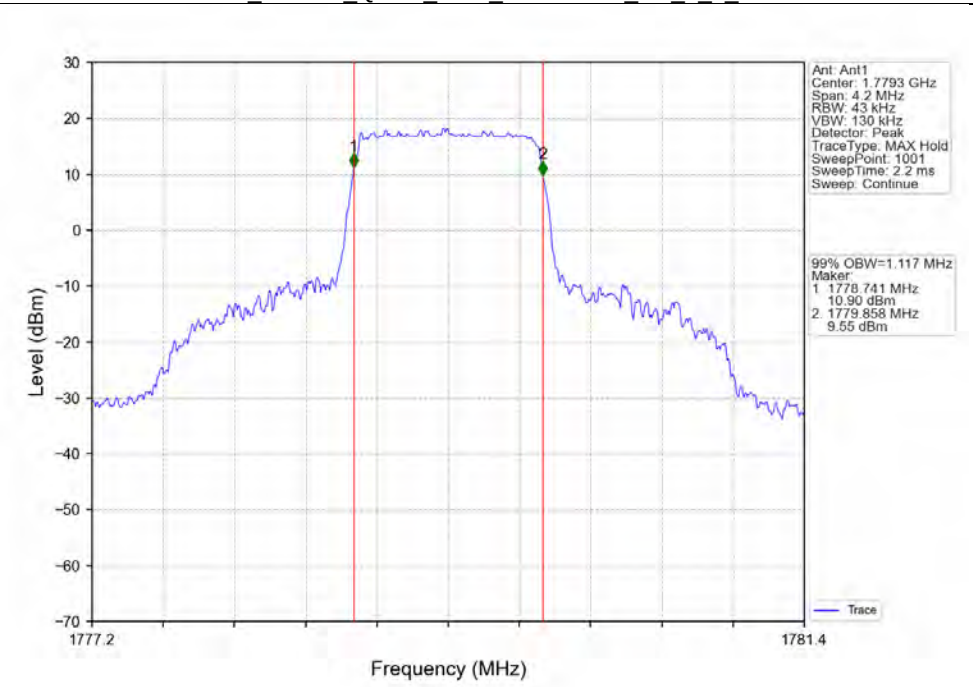
4.1.2 Test Graph

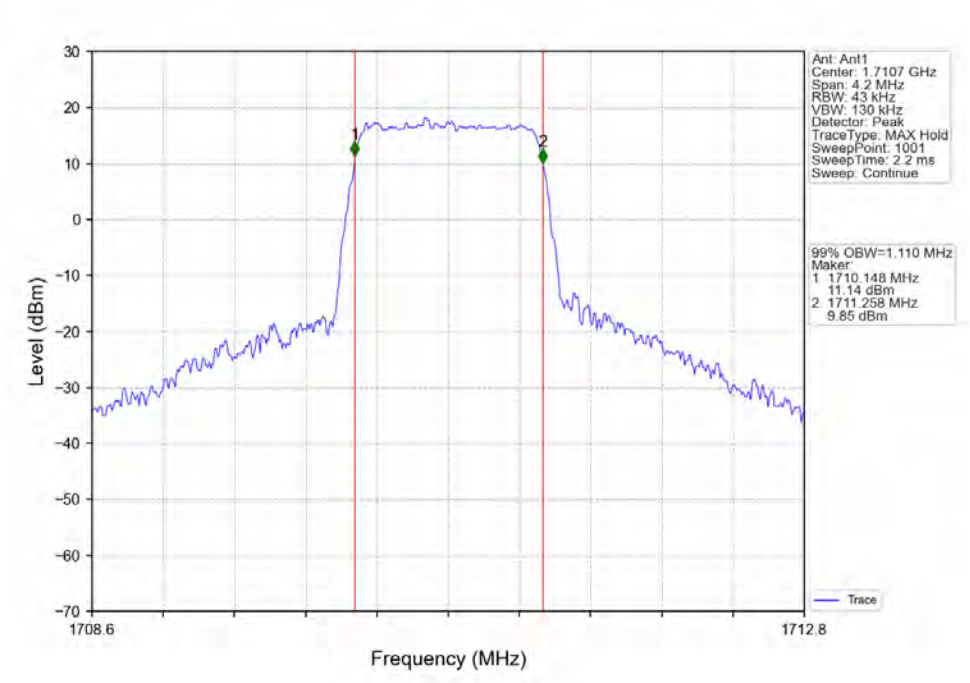
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

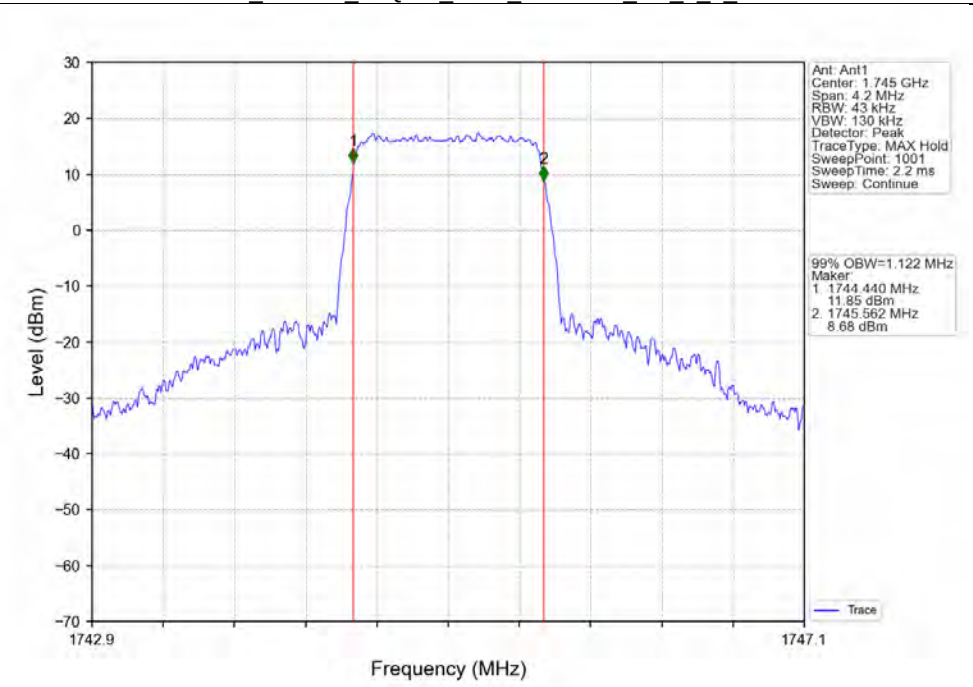
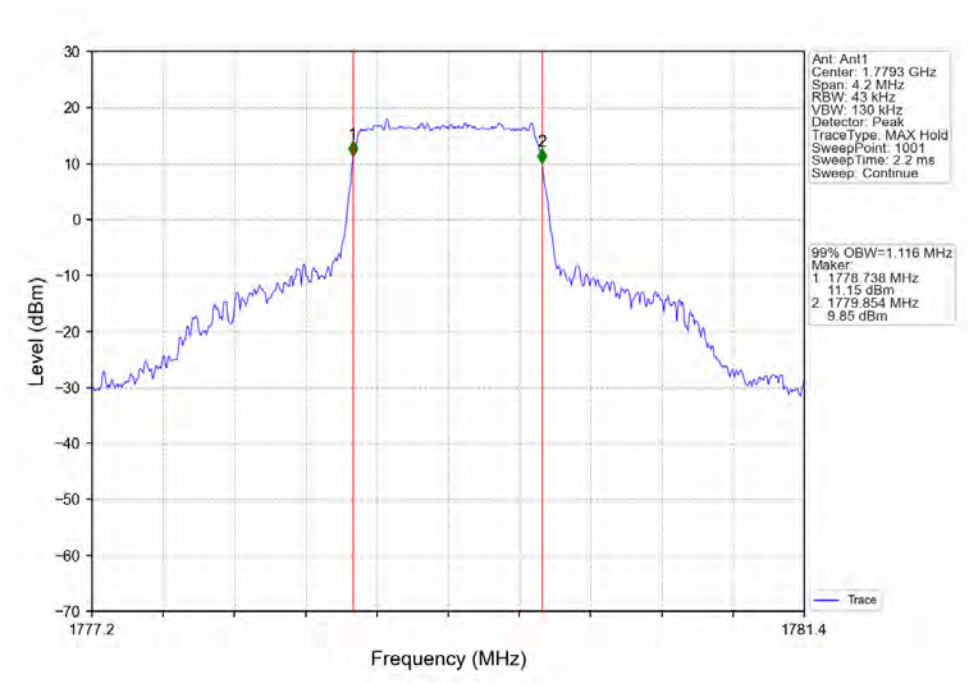


Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

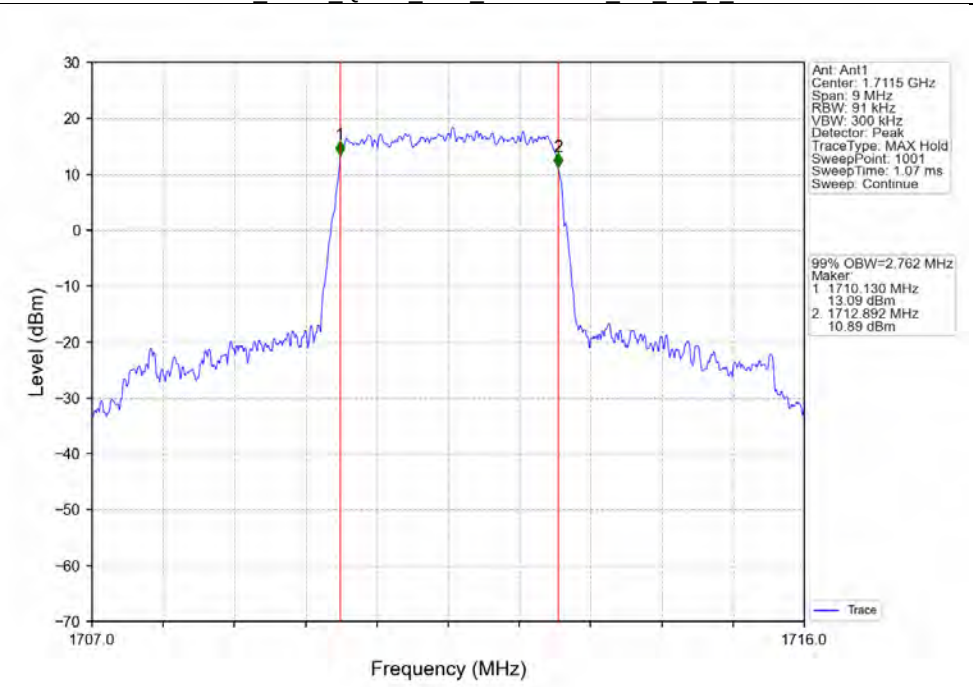


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV


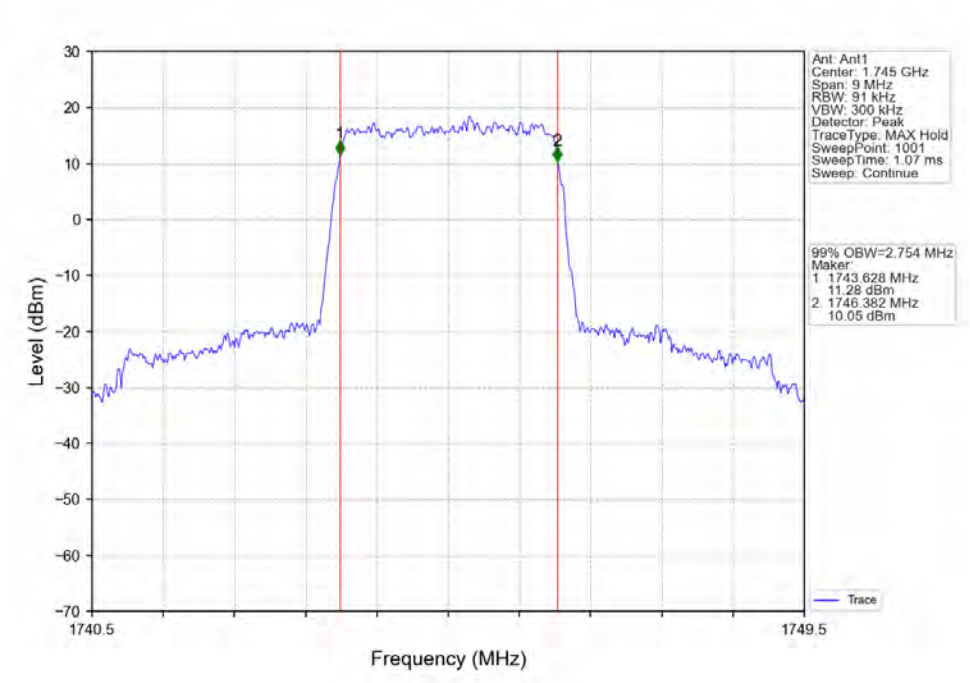
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV


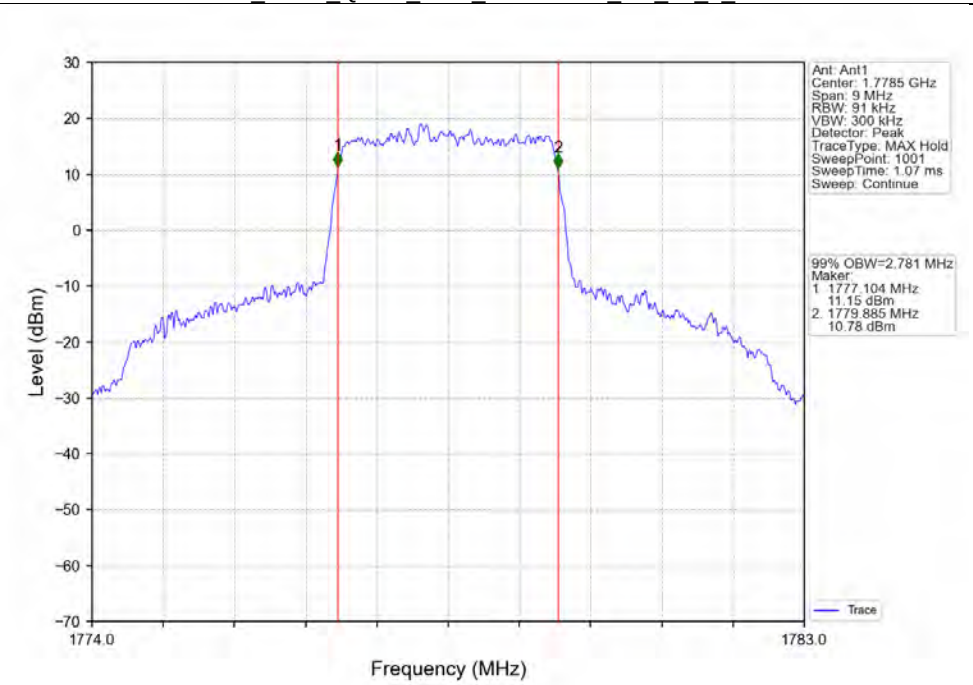
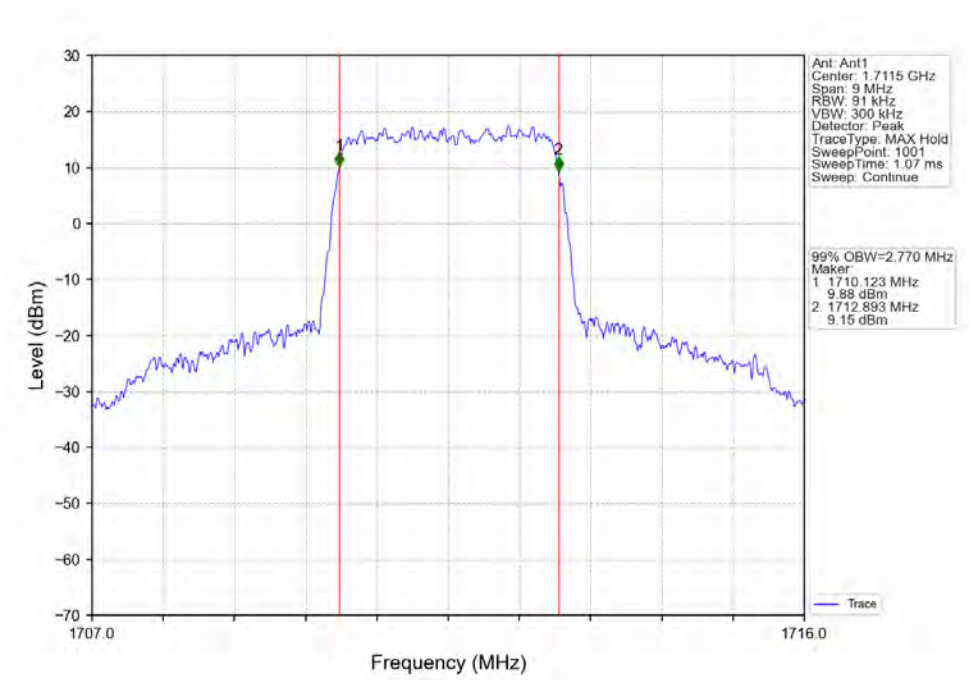
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

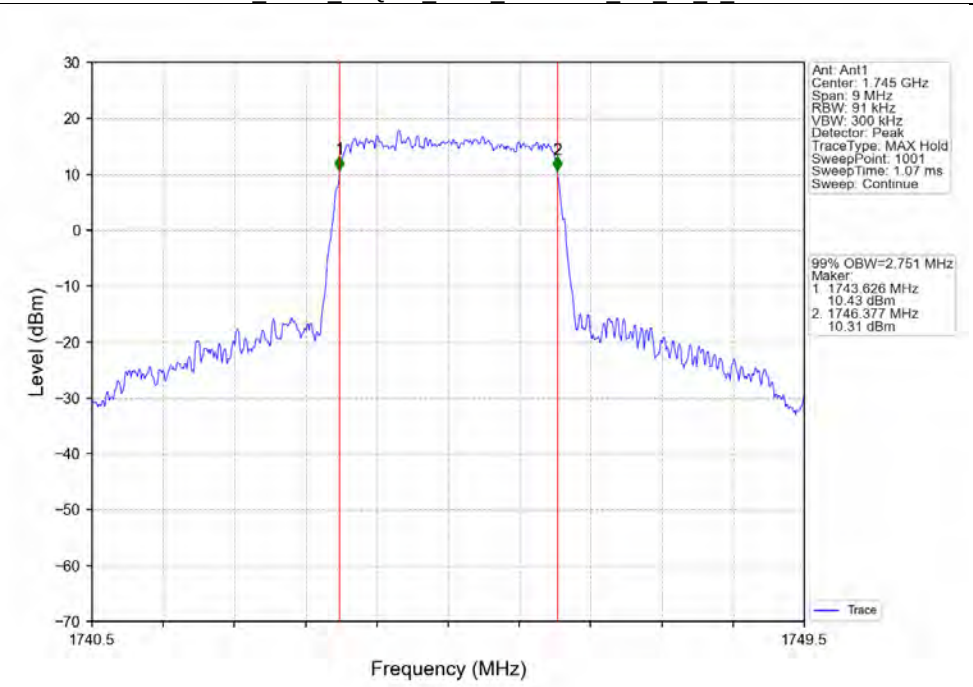


Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

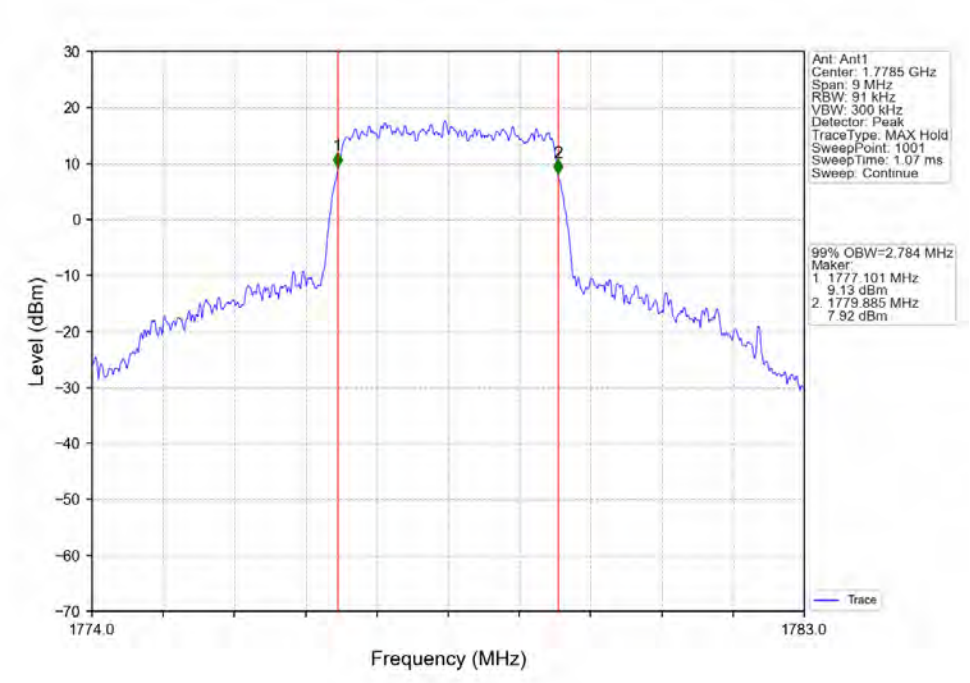


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV


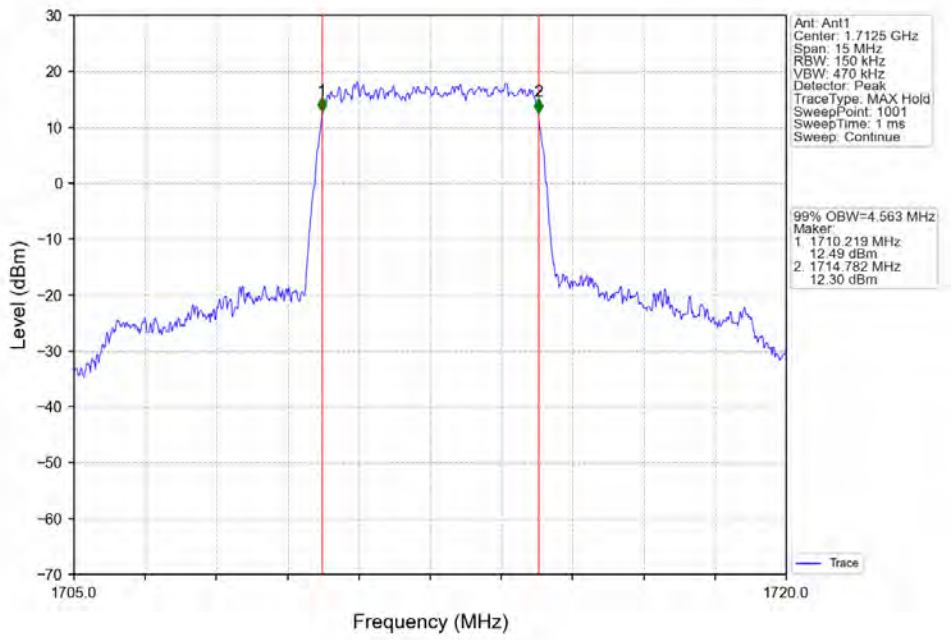
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



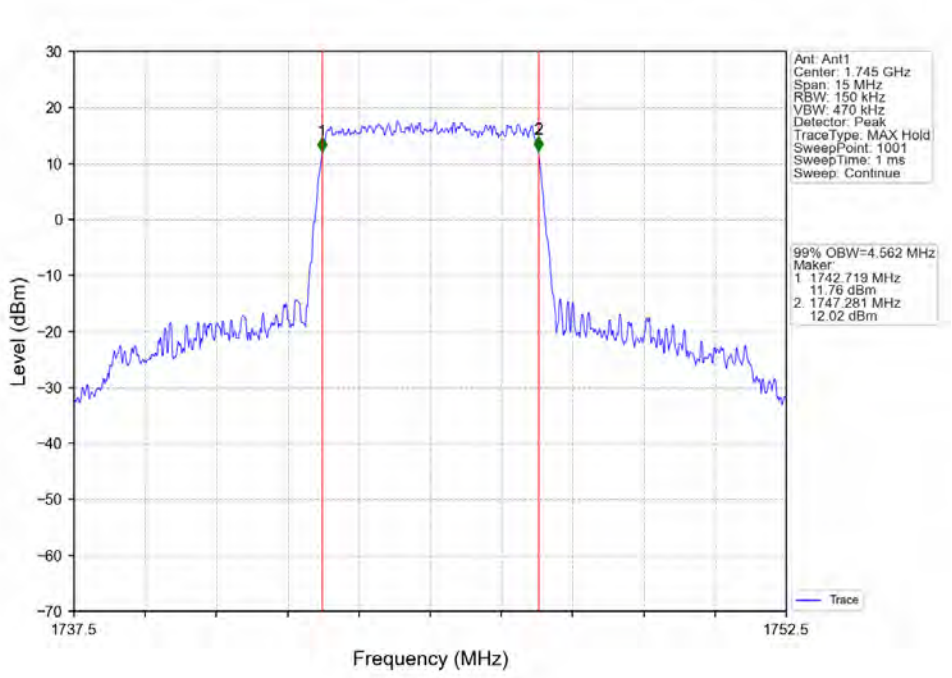
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

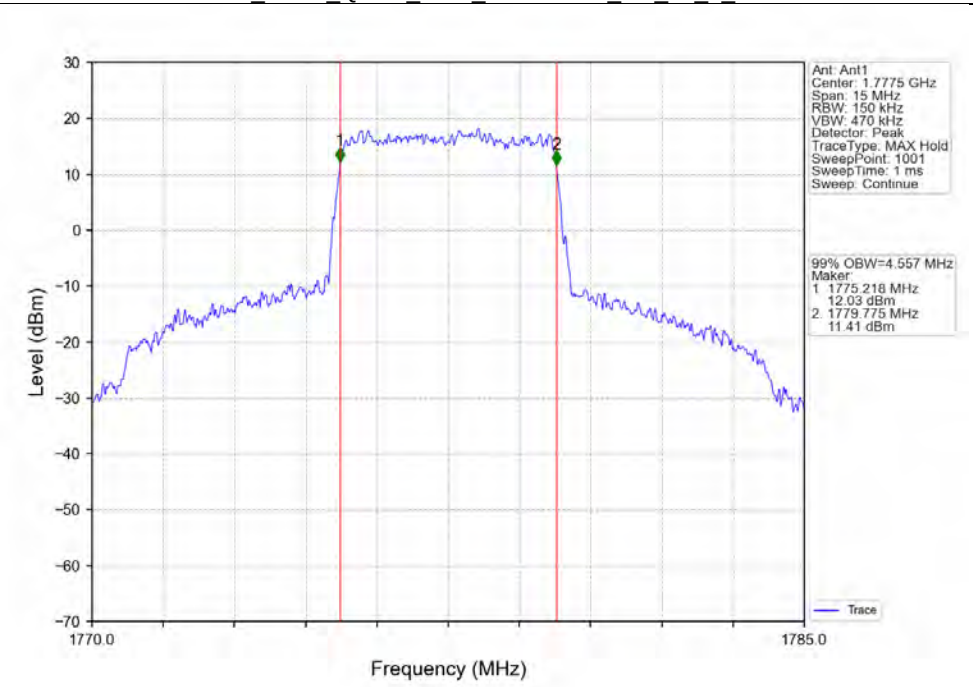
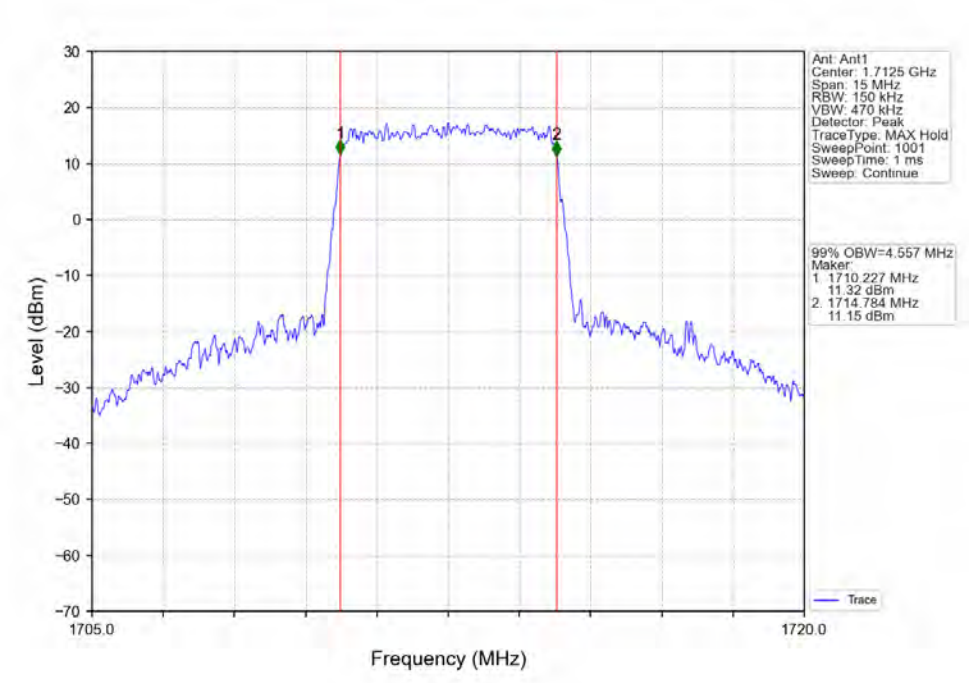


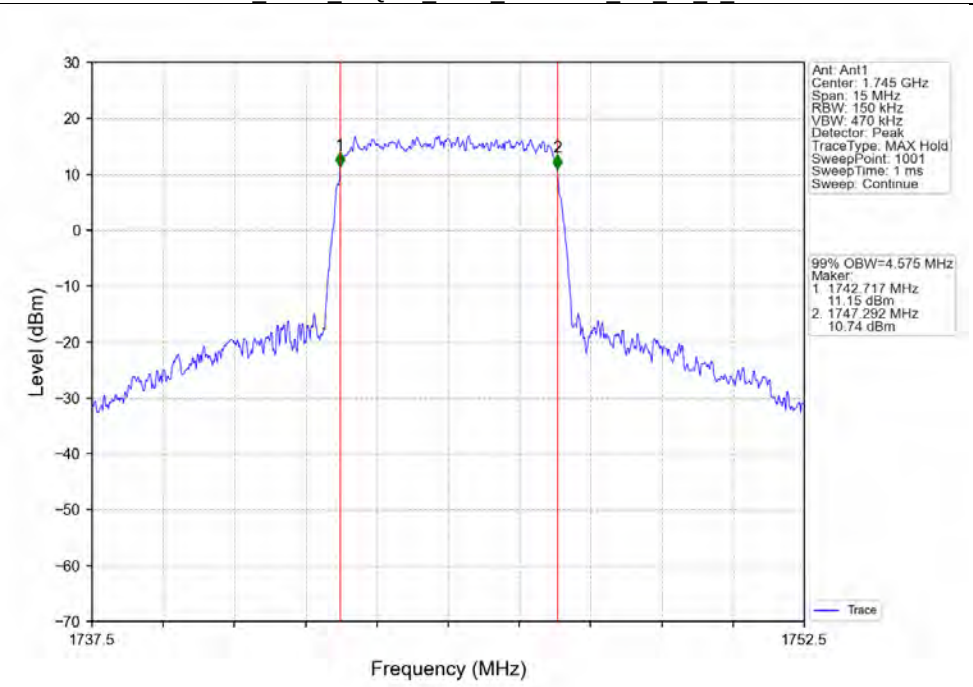
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

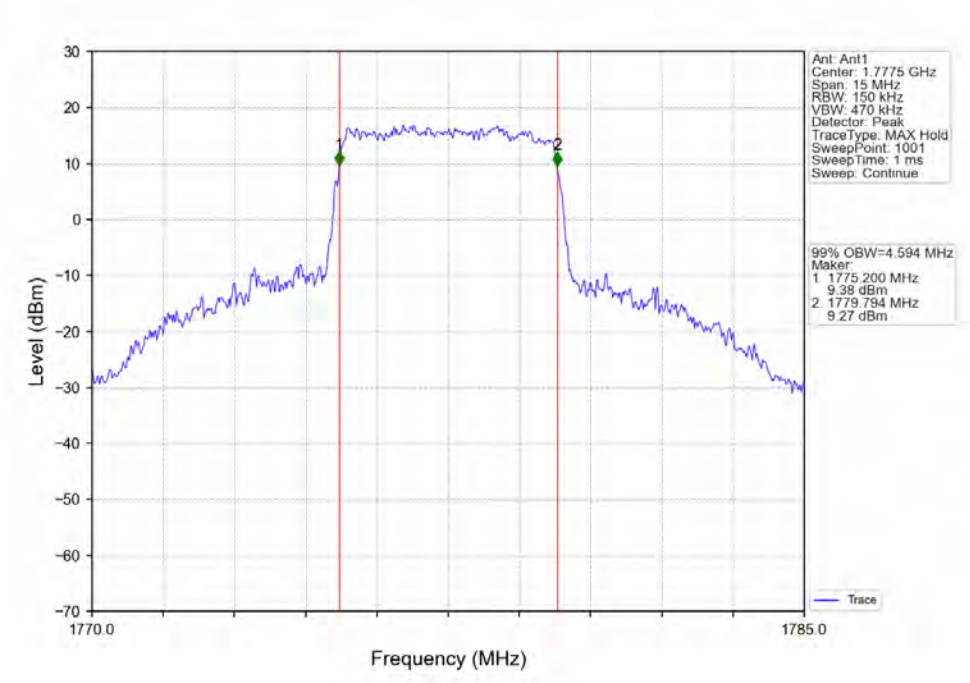


Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

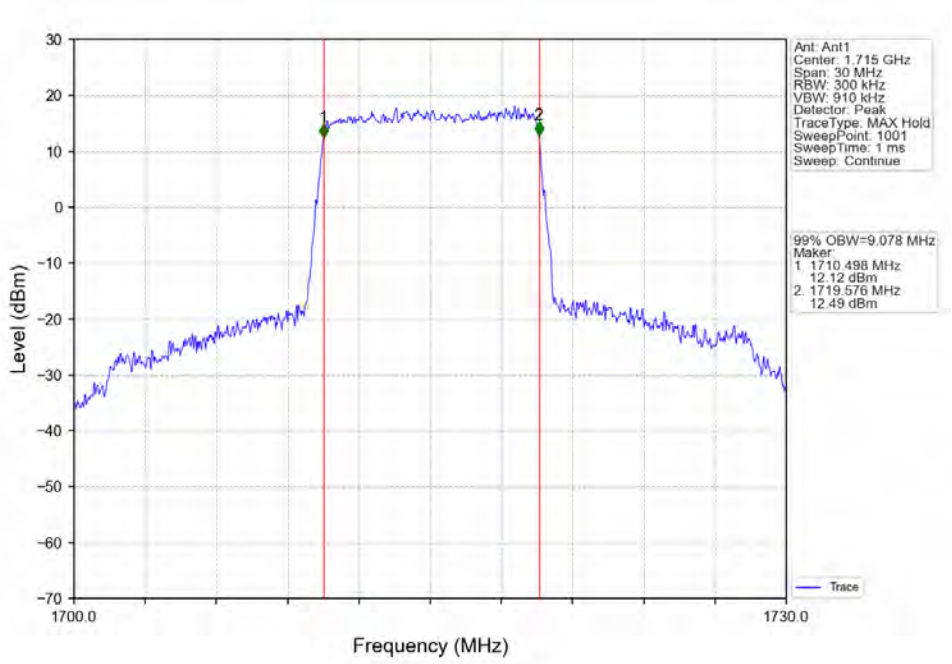


Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV

Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV


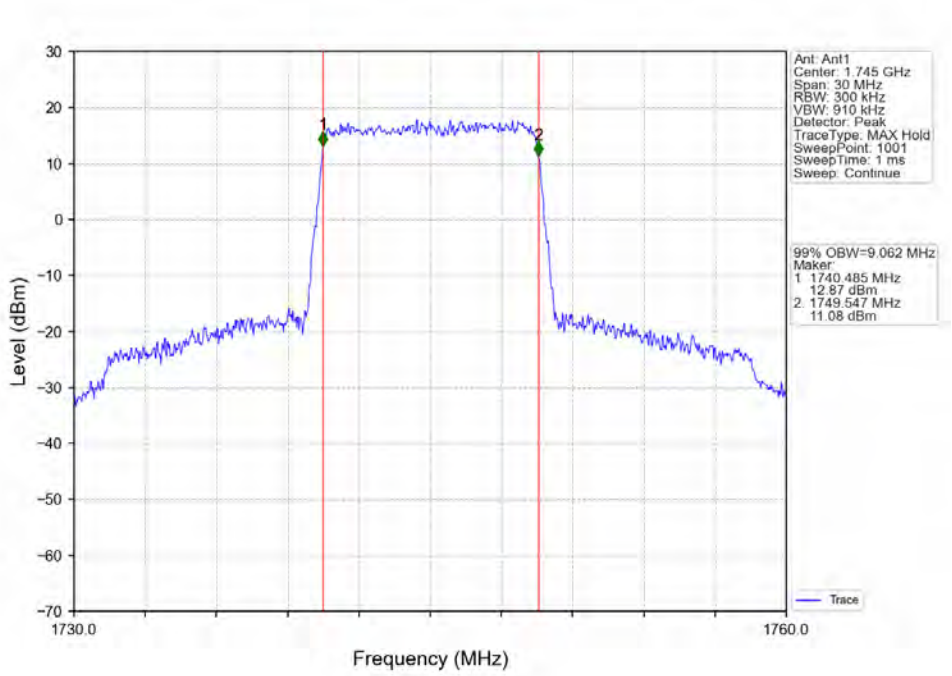
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV


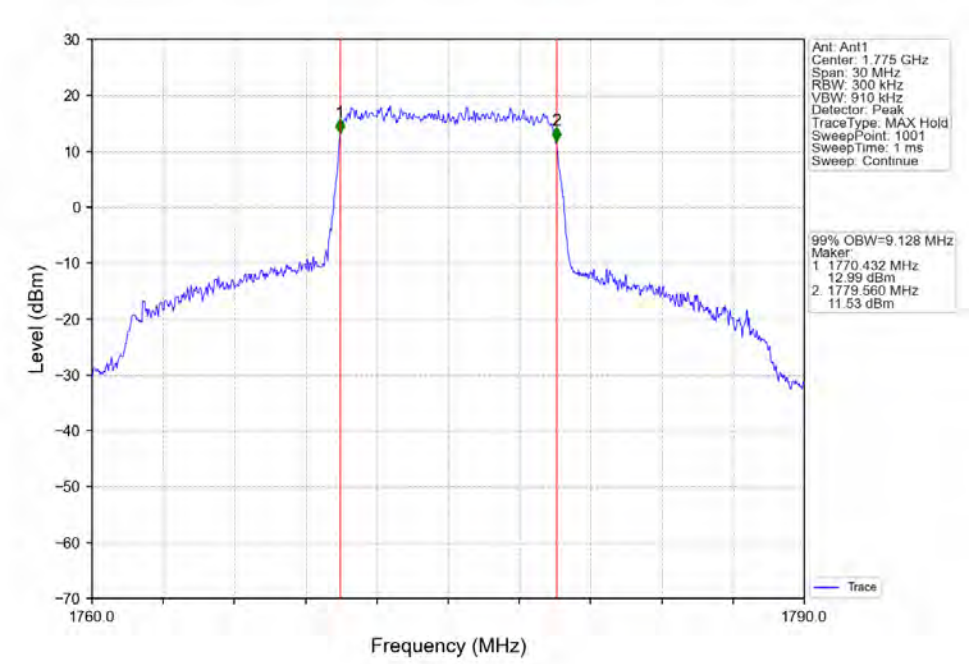
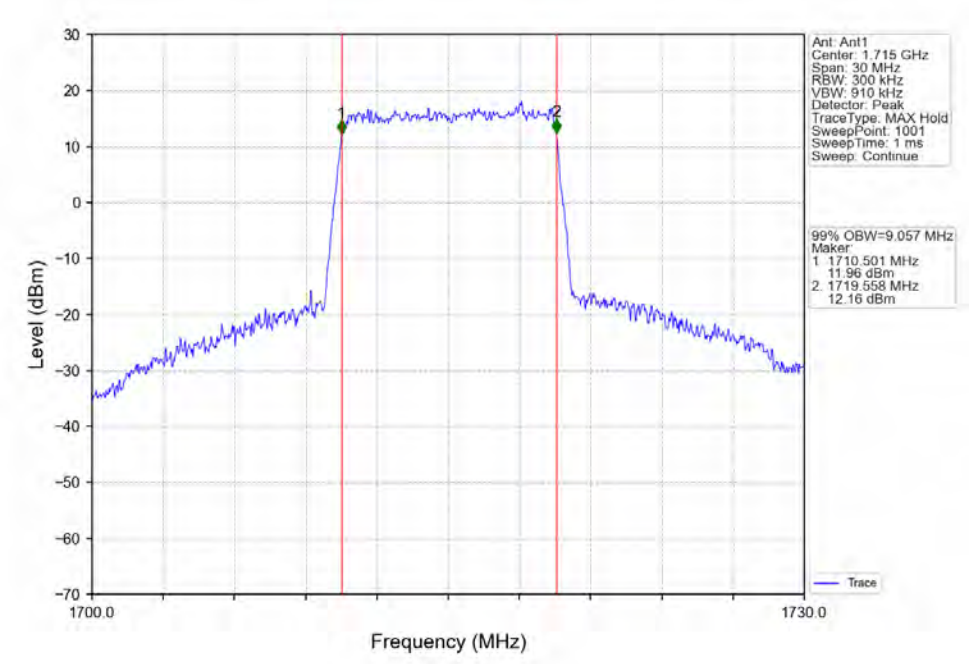
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV


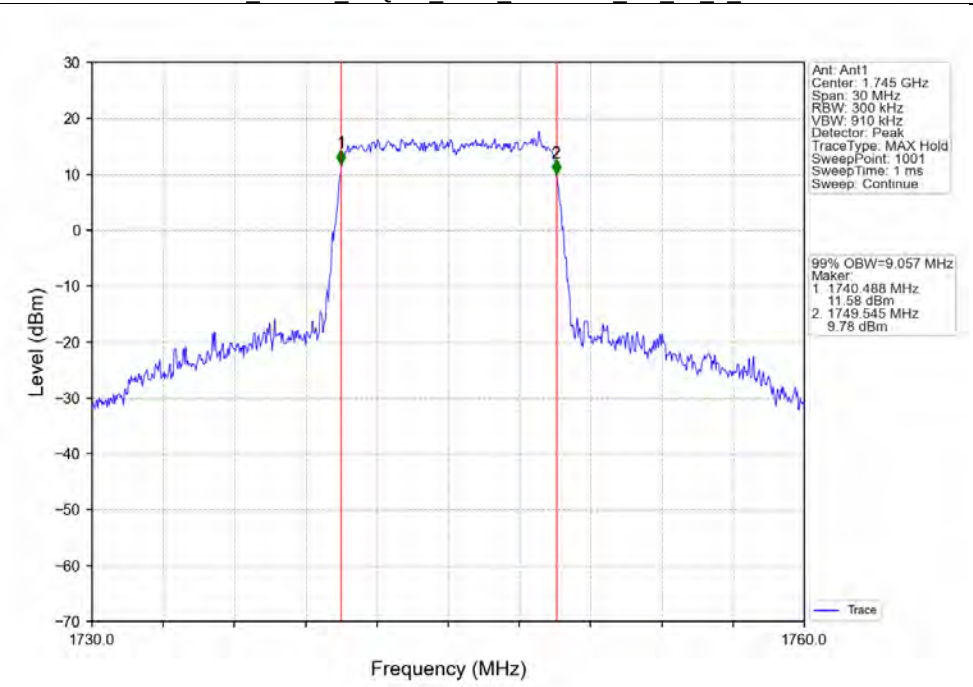
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

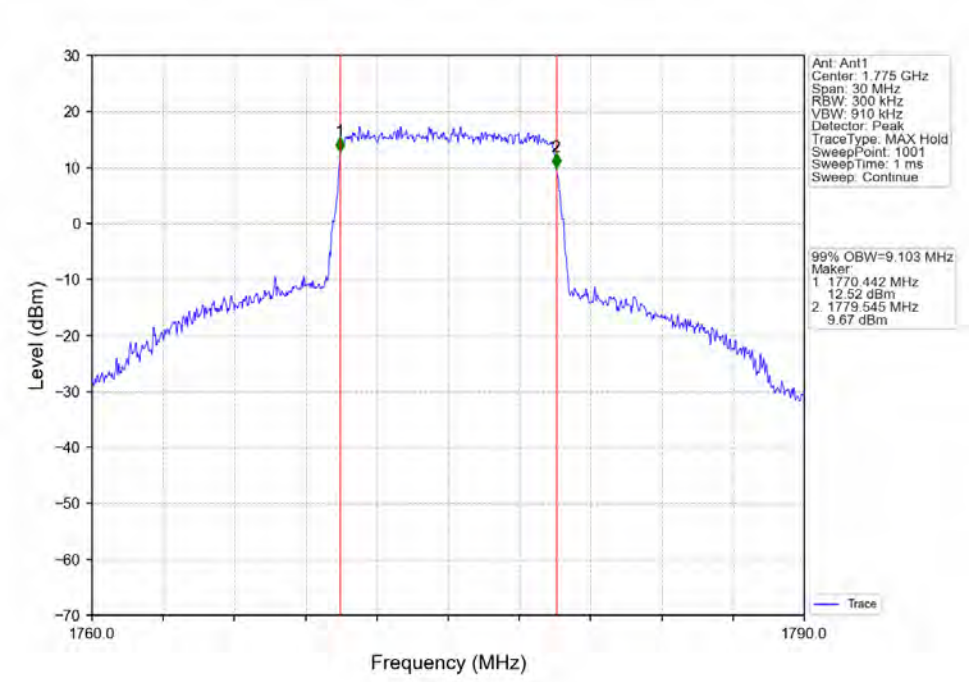


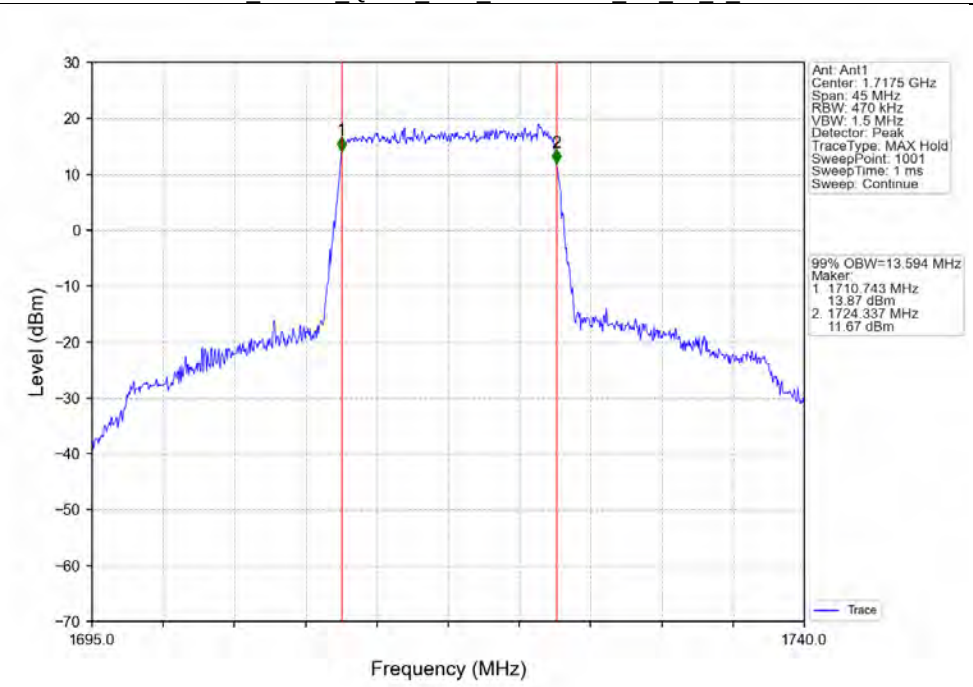
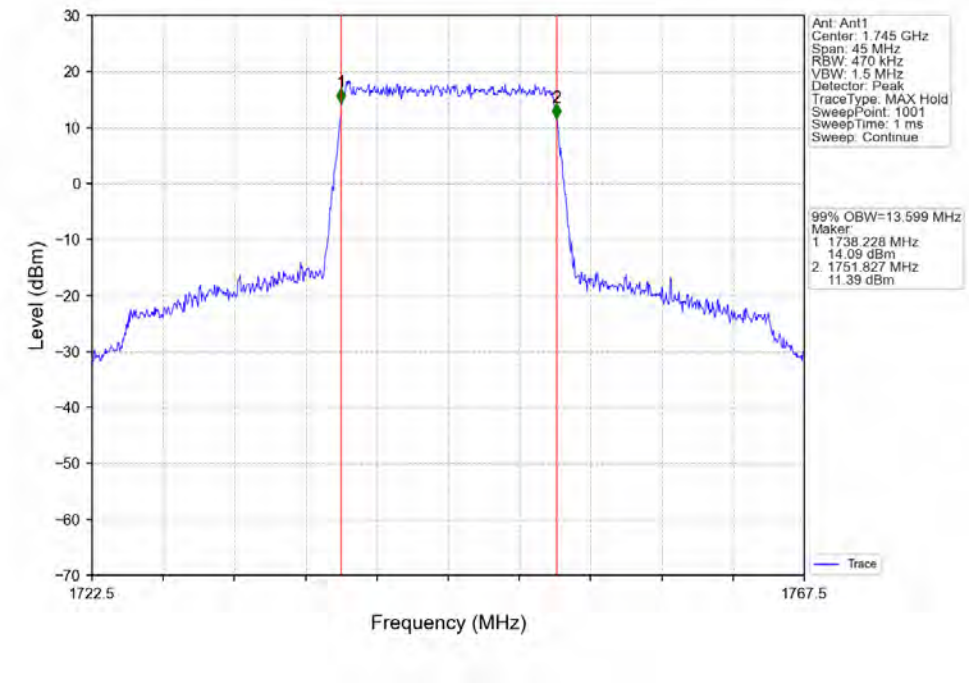
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



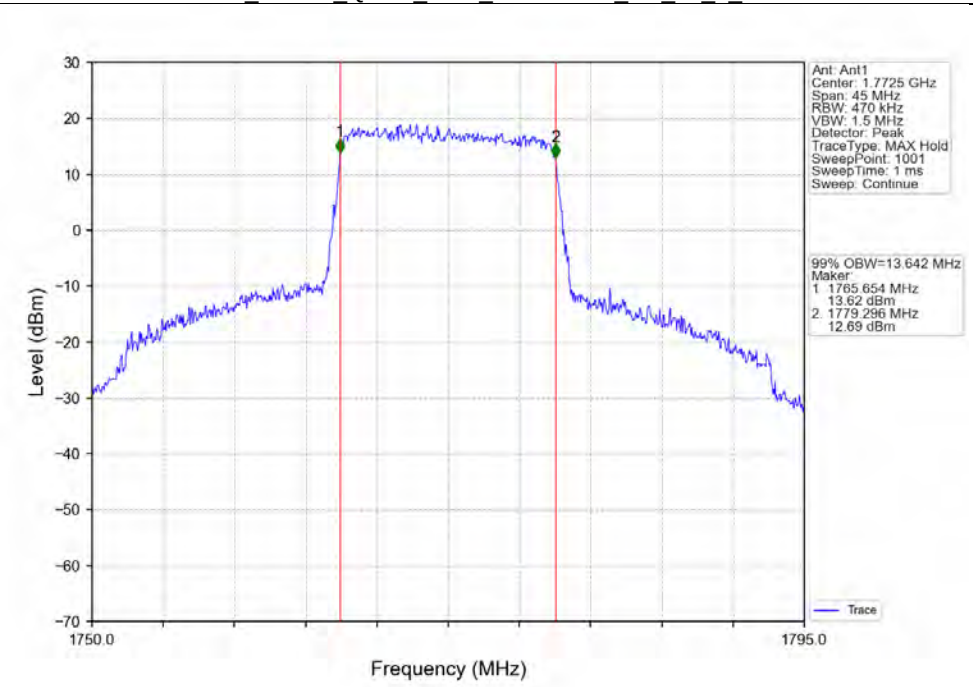
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV


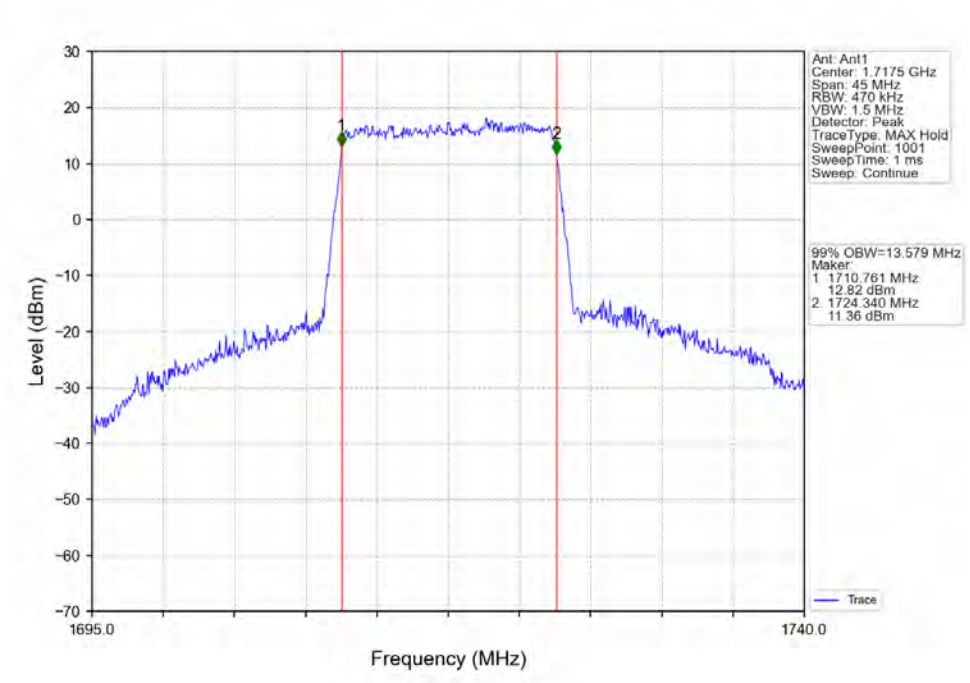
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV


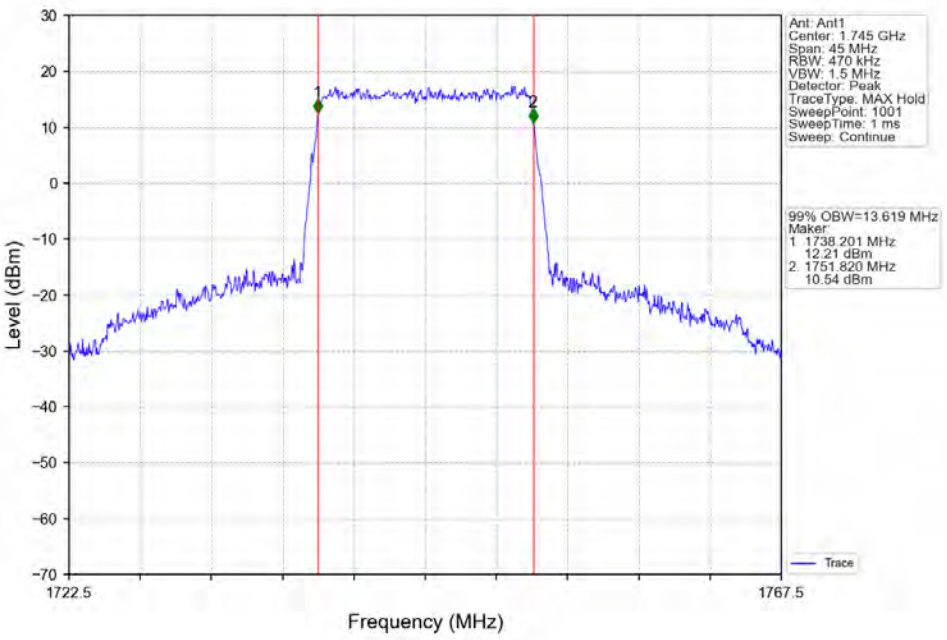
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



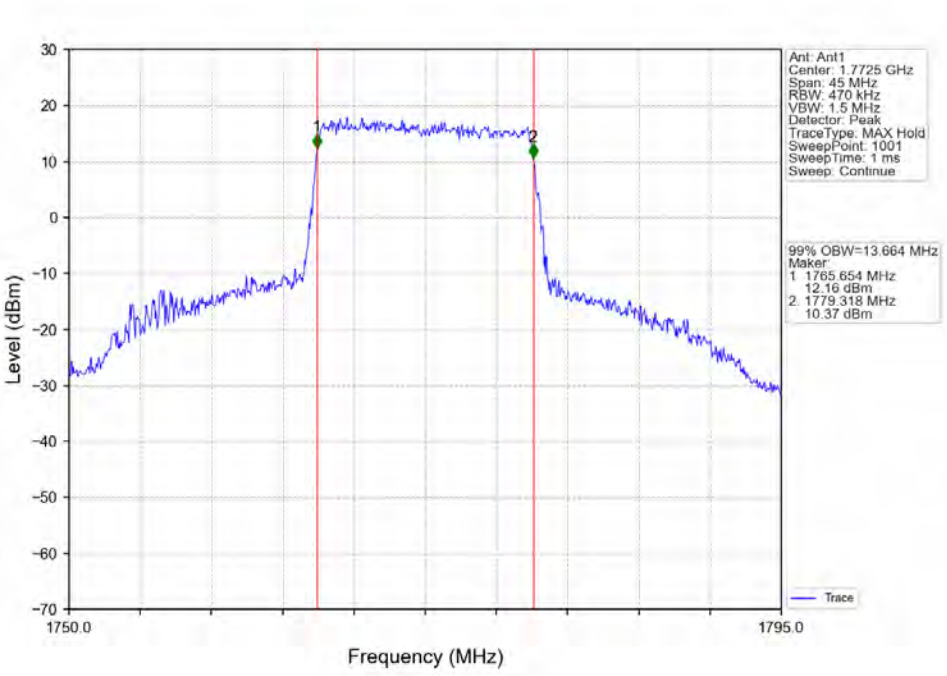
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



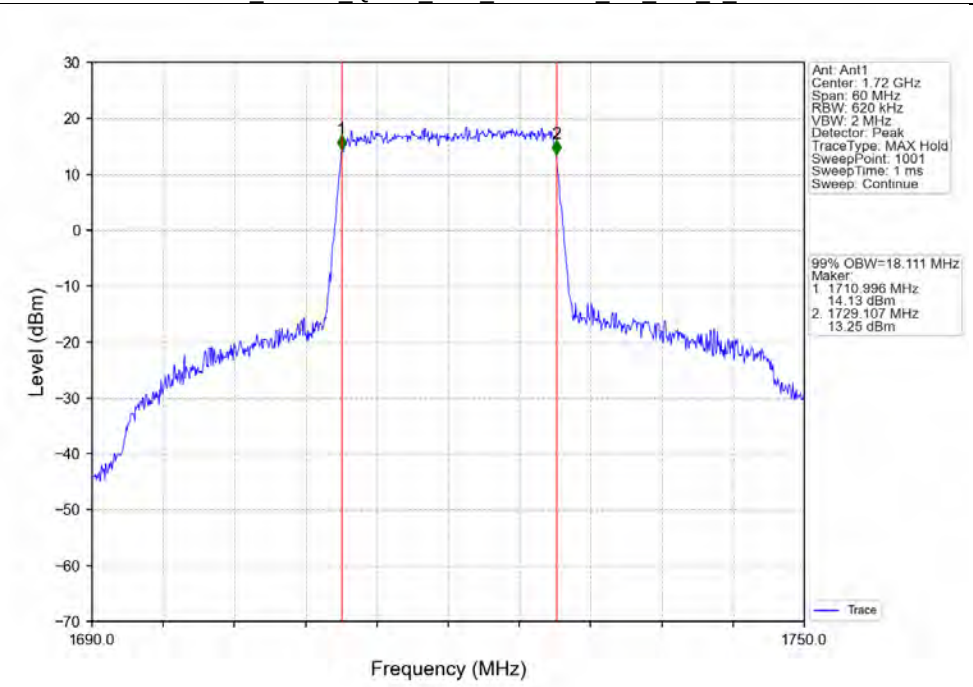
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



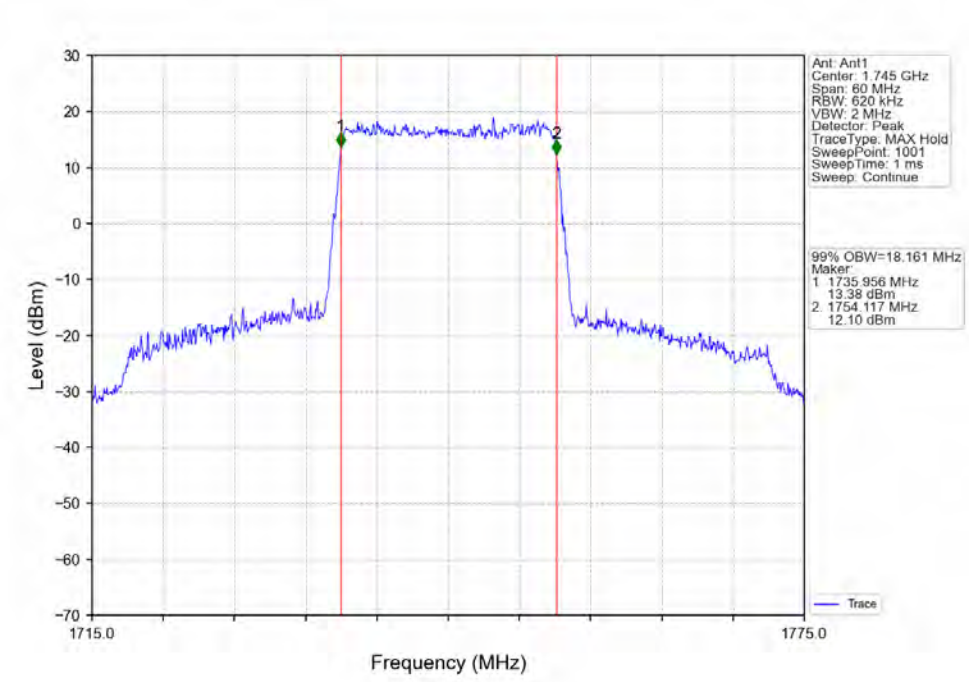
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

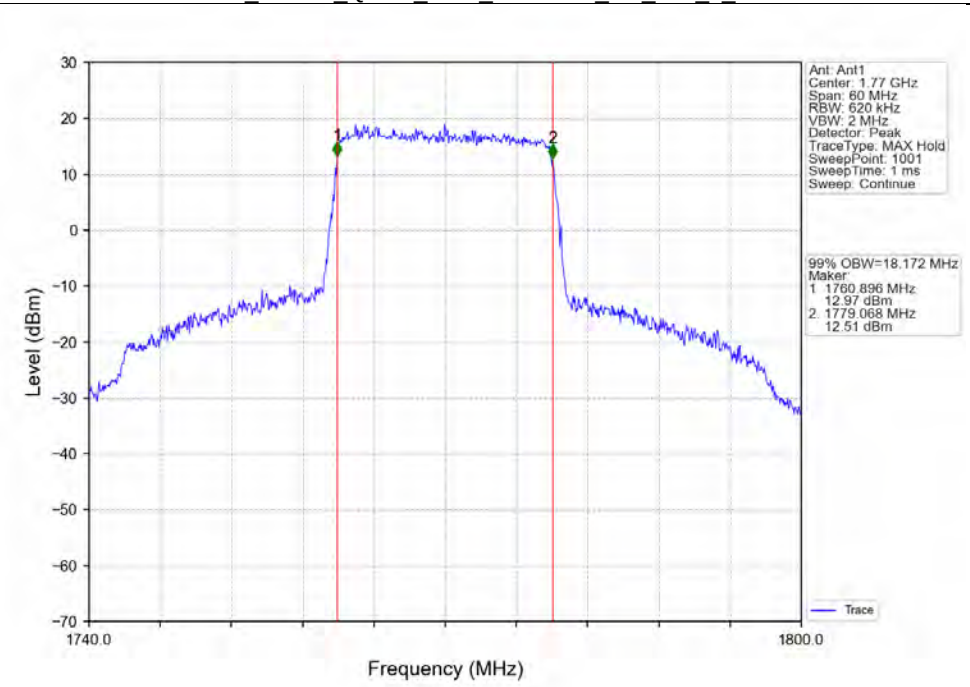
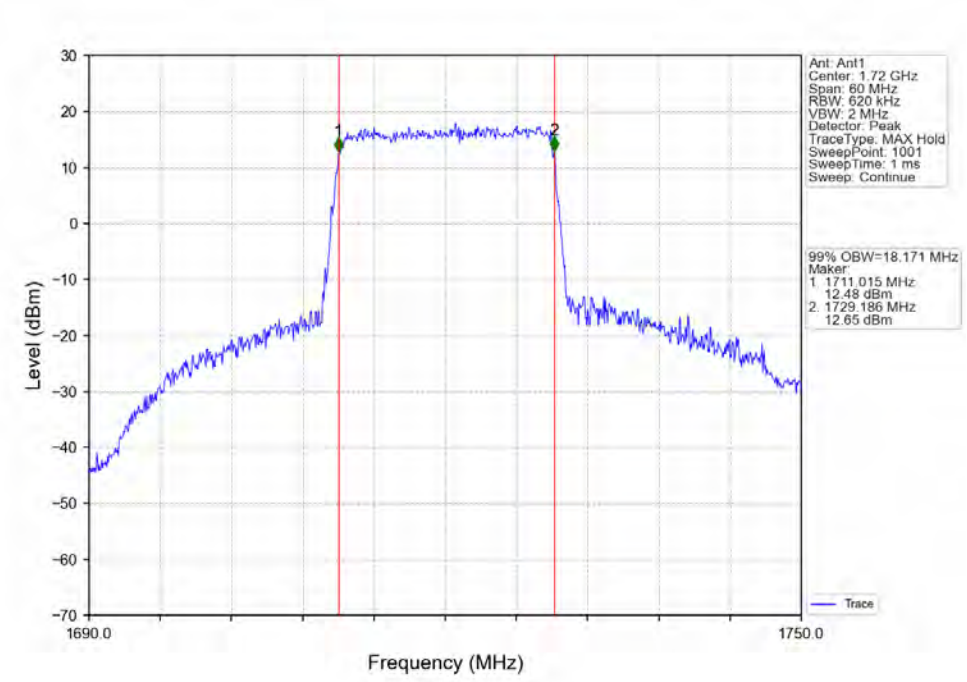


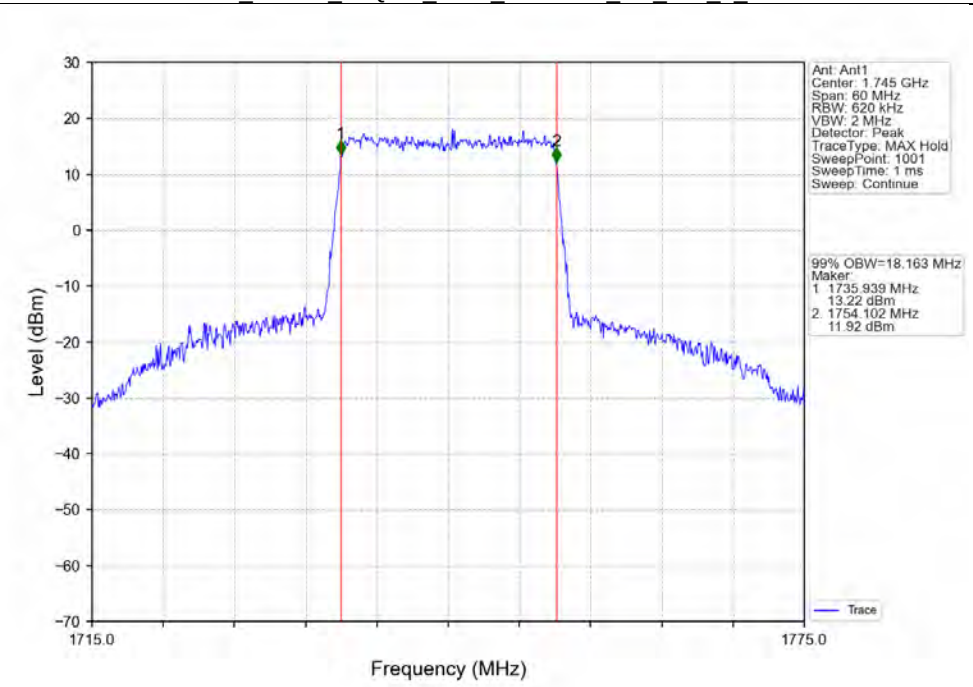
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

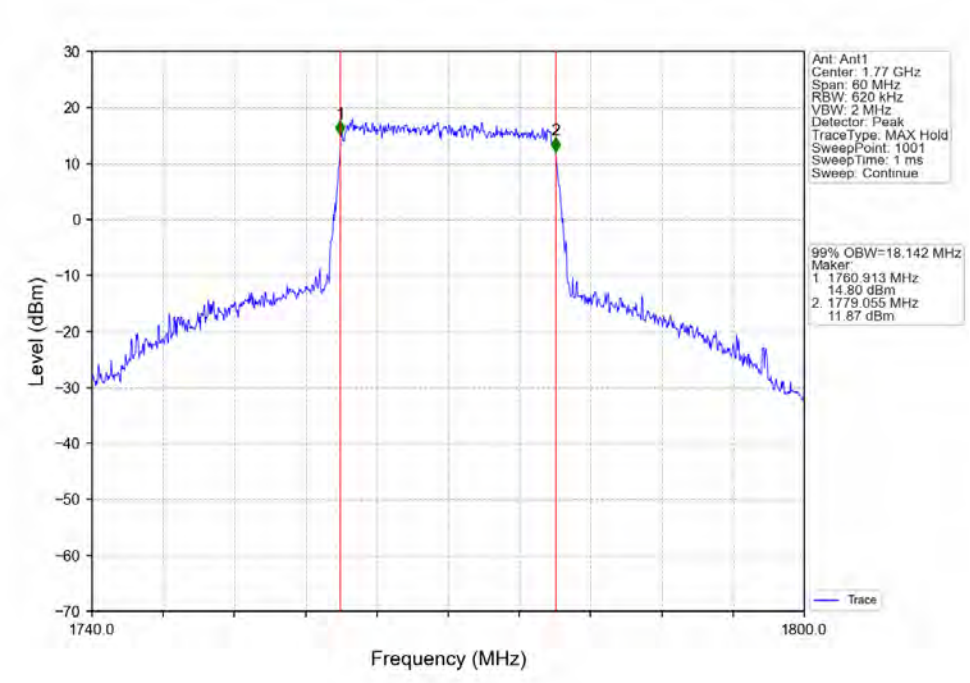


Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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


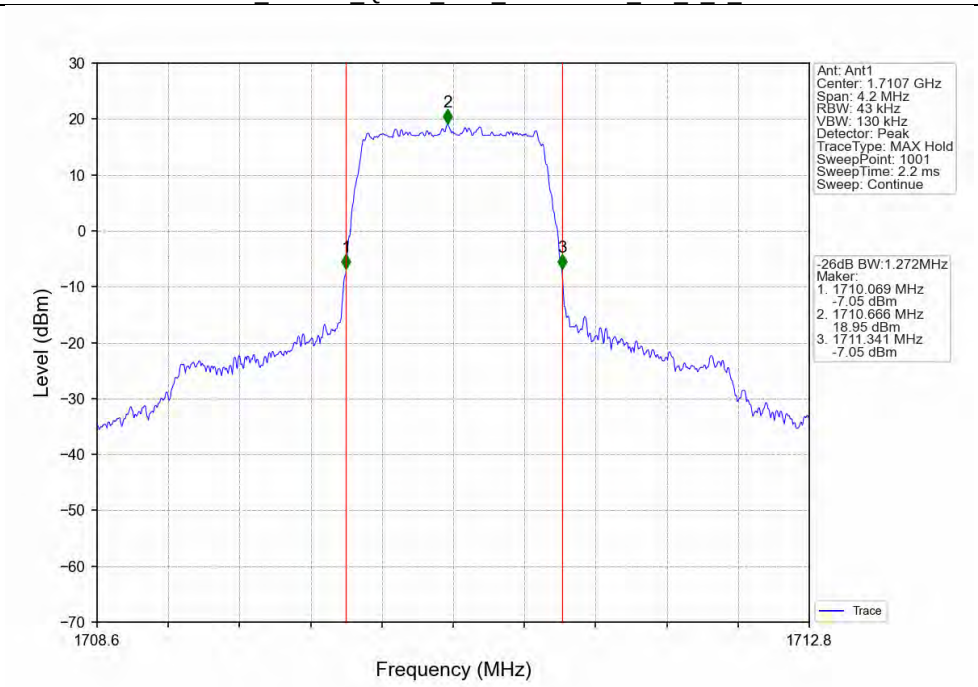
4.2 Band66_XDB

4.2.1 Test Result

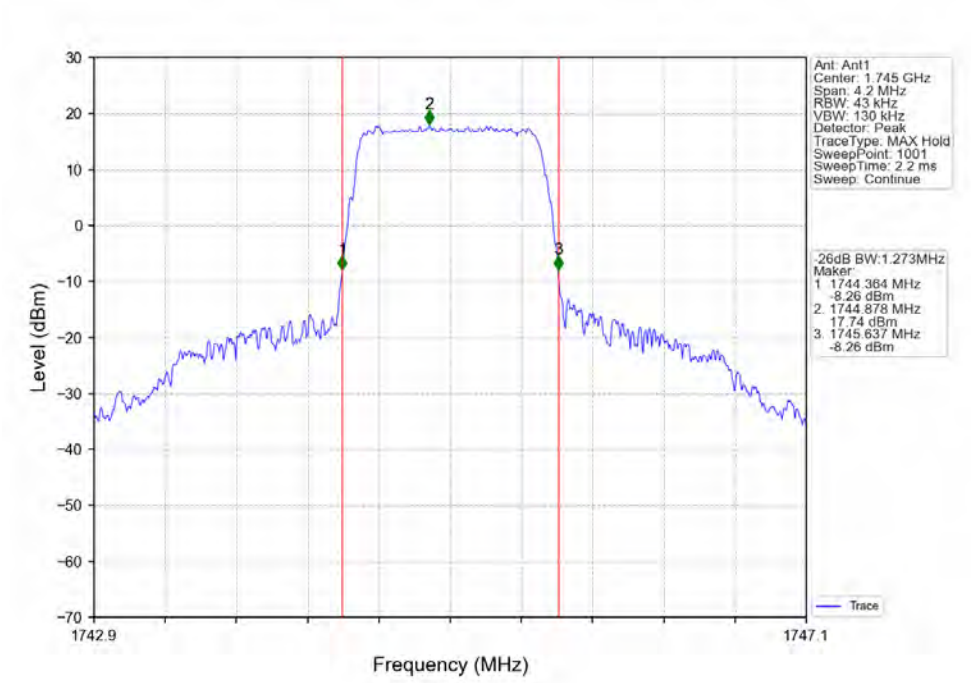
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.272	Pass
		1745	6	0	1.273	Pass
		1779.3	6	0	1.302	Pass
	16QAM	1710.7	6	0	1.279	Pass
		1745	6	0	1.287	Pass
		1779.3	6	0	1.488	Pass
3	QPSK	1711.5	15	0	3.099	Pass
		1745	15	0	3.065	Pass
		1778.5	15	0	3.119	Pass
	16QAM	1711.5	15	0	3.112	Pass
		1745	15	0	3.075	Pass
		1778.5	15	0	3.124	Pass
5	QPSK	1712.5	25	0	5.056	Pass
		1745	25	0	5.065	Pass
		1777.5	25	0	5.064	Pass
	16QAM	1712.5	25	0	5.076	Pass
		1745	25	0	5.090	Pass
		1777.5	25	0	6.680	Pass
10	QPSK	1715	50	0	10.068	Pass
		1745	50	0	10.060	Pass
		1775	50	0	10.205	Pass
	16QAM	1715	50	0	10.010	Pass
		1745	50	0	10.000	Pass
		1775	50	0	10.058	Pass
15	QPSK	1717.5	75	0	15.199	Pass
		1745	75	0	15.081	Pass
		1772.5	75	0	15.288	Pass
	16QAM	1717.5	75	0	15.169	Pass
		1745	75	0	15.225	Pass
		1772.5	75	0	15.329	Pass
20	QPSK	1720	100	0	19.905	Pass
		1745	100	0	20.024	Pass
		1770	100	0	20.052	Pass
	16QAM	1720	100	0	20.189	Pass
		1745	100	0	20.056	Pass
		1770	100	0	19.991	Pass

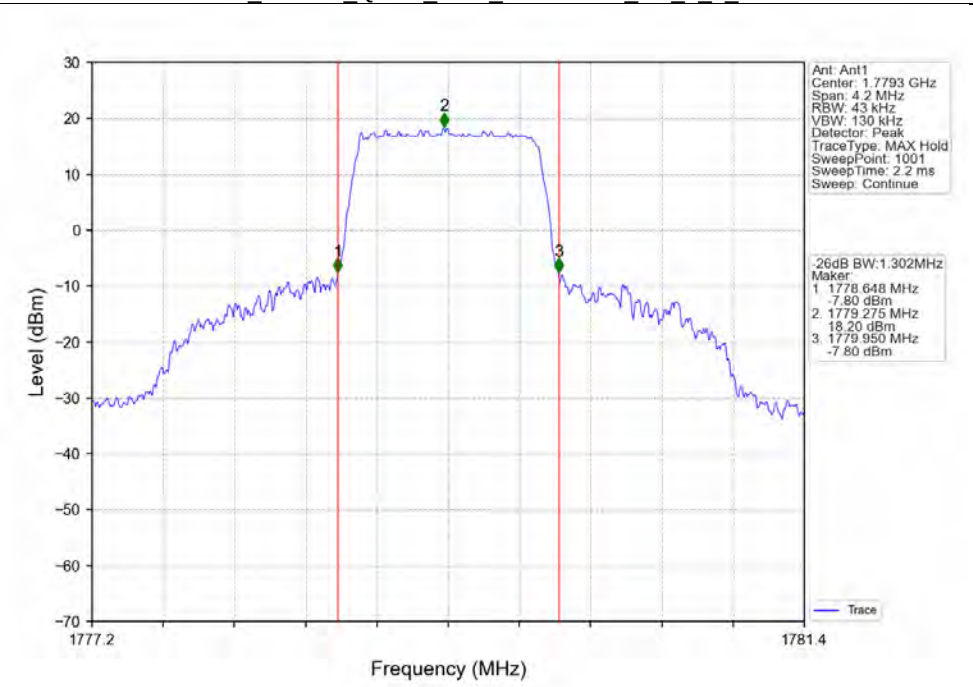
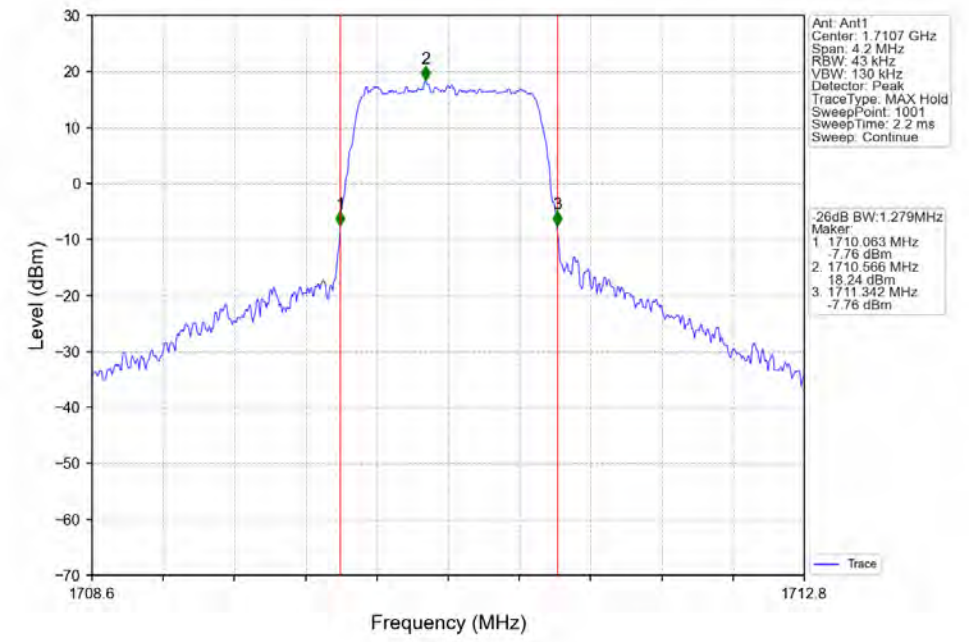
4.2.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

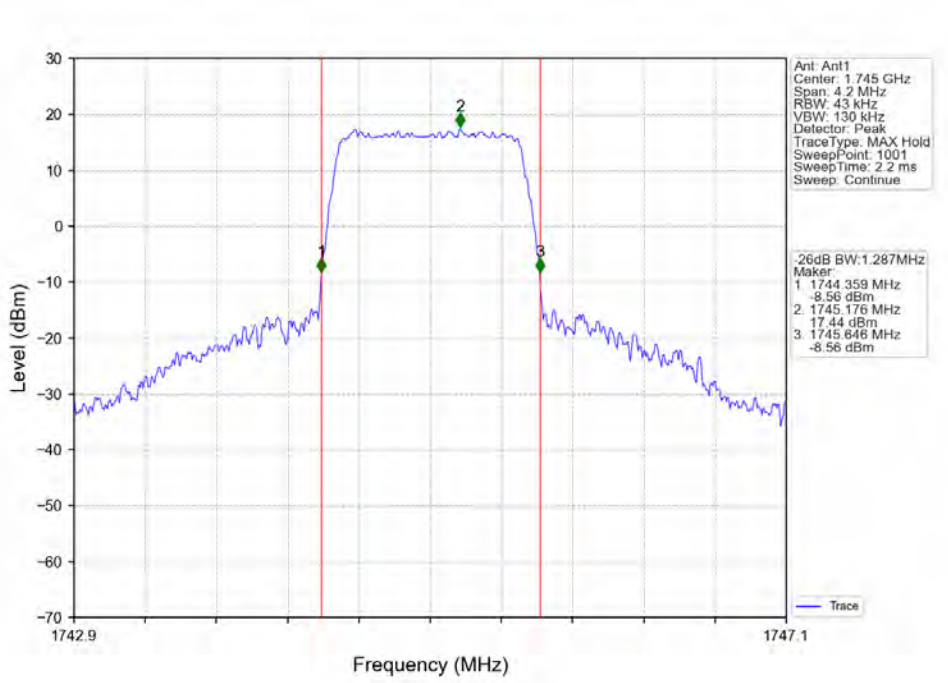


Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

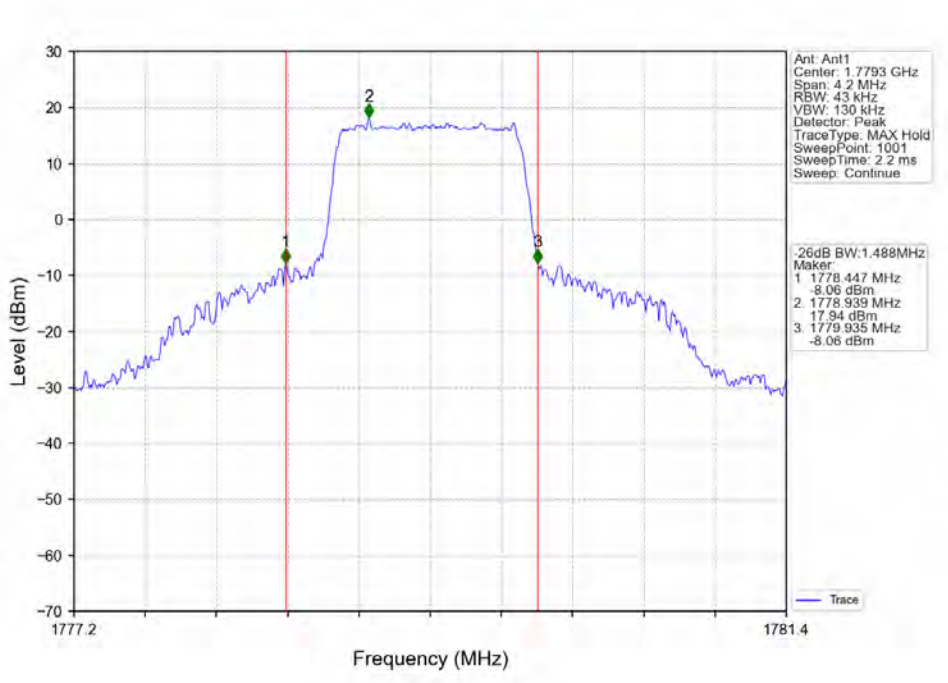


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV

Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV


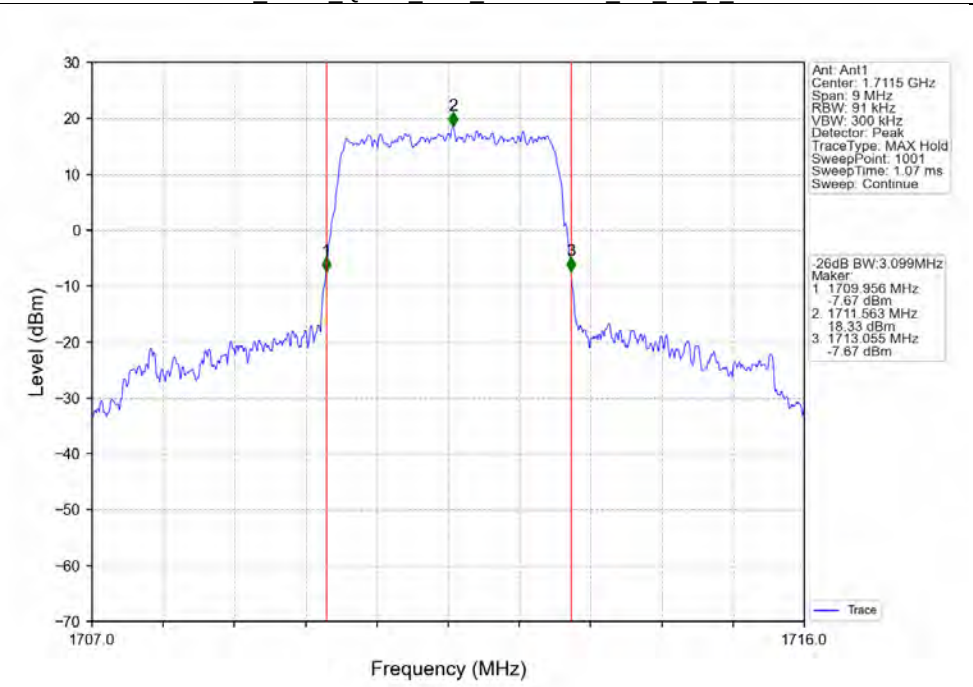
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



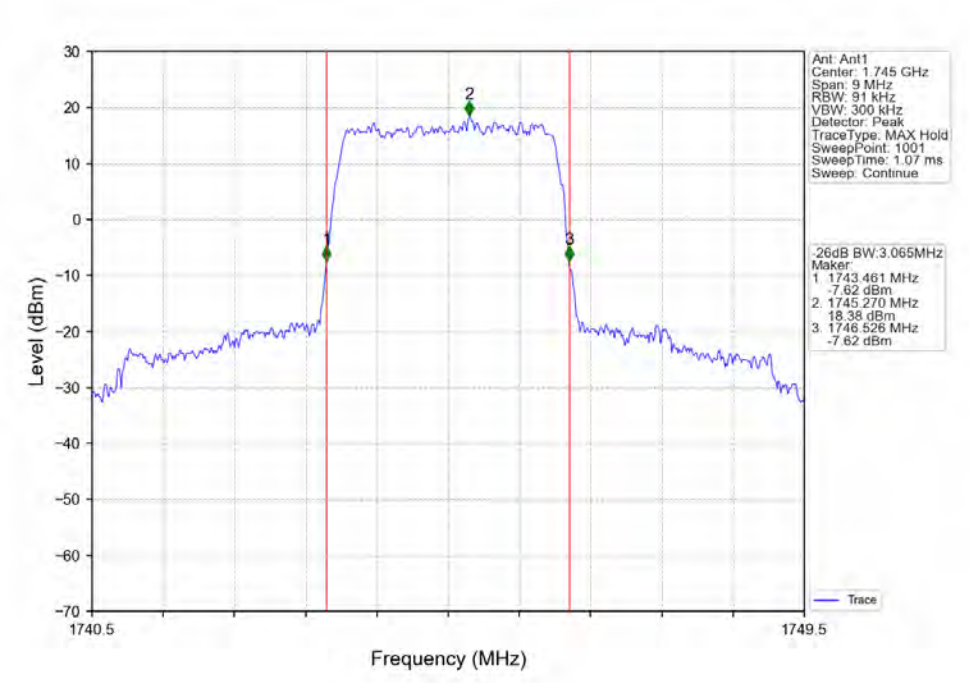
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

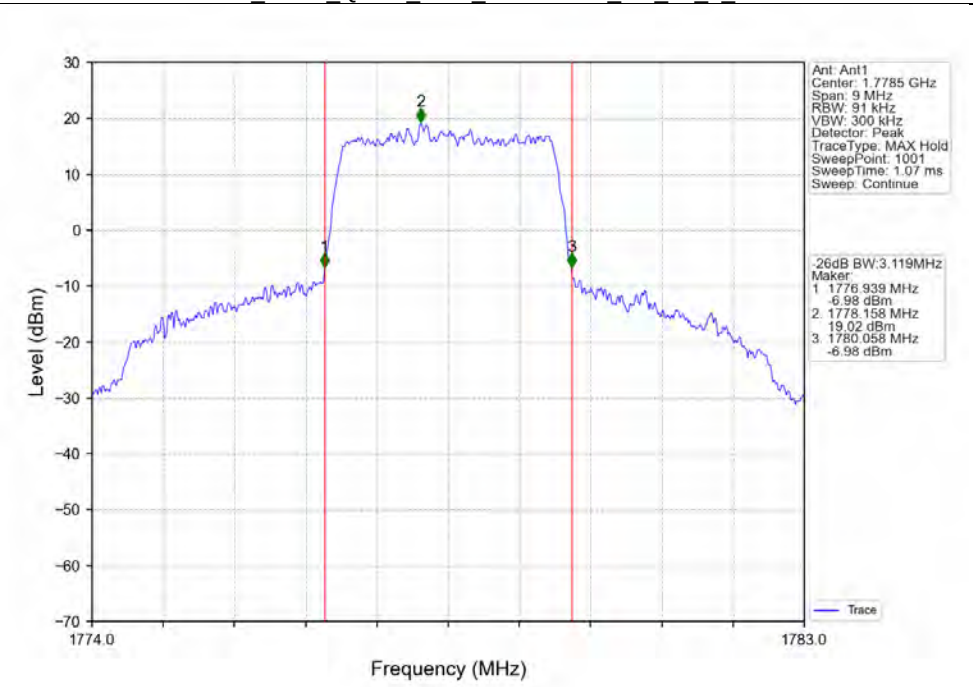


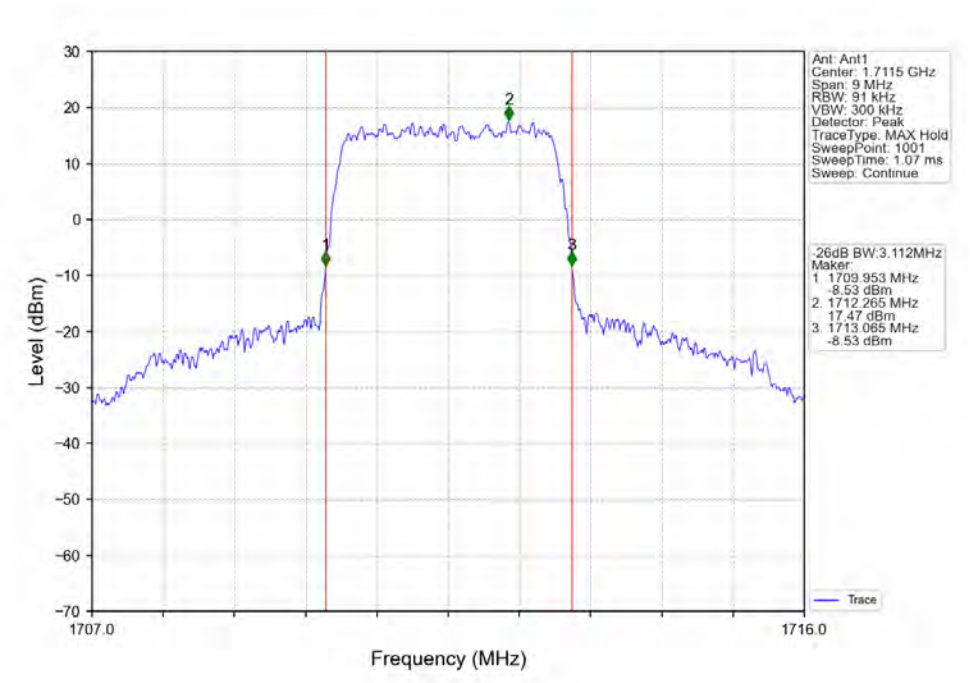
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

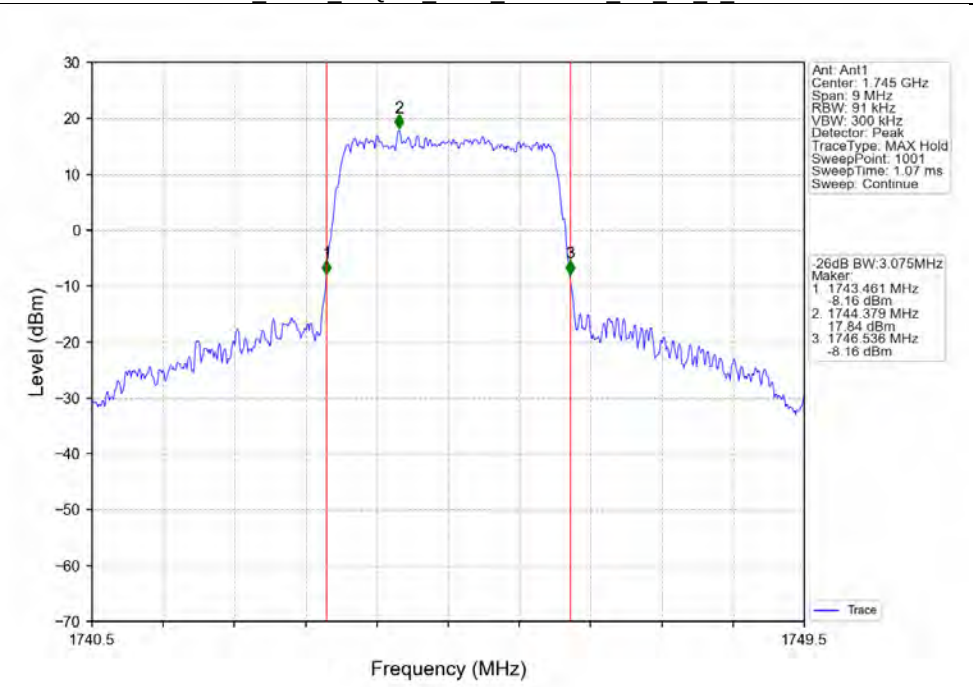


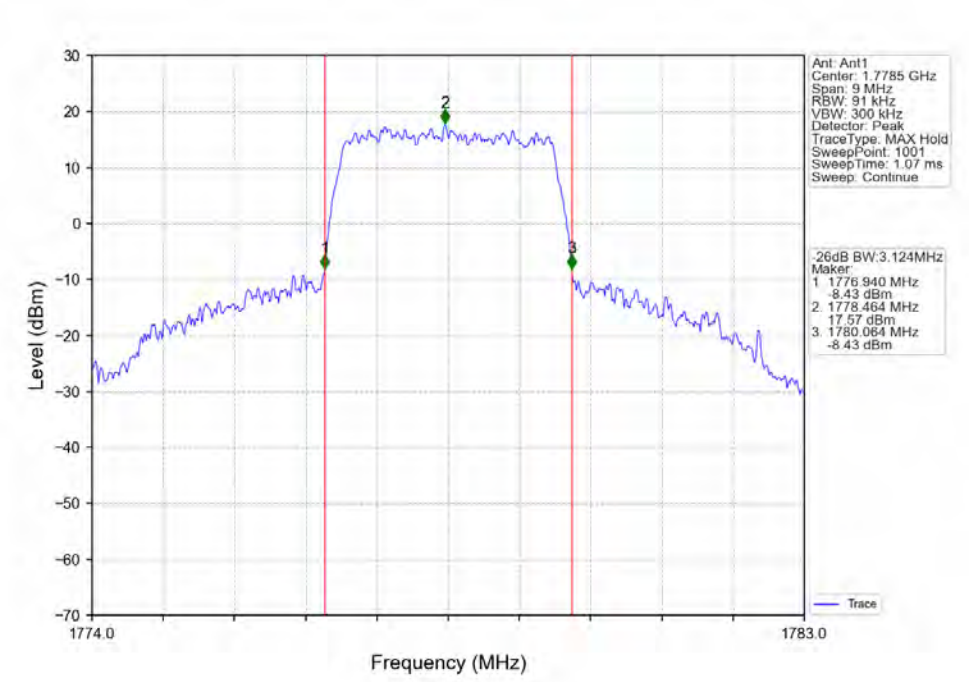
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



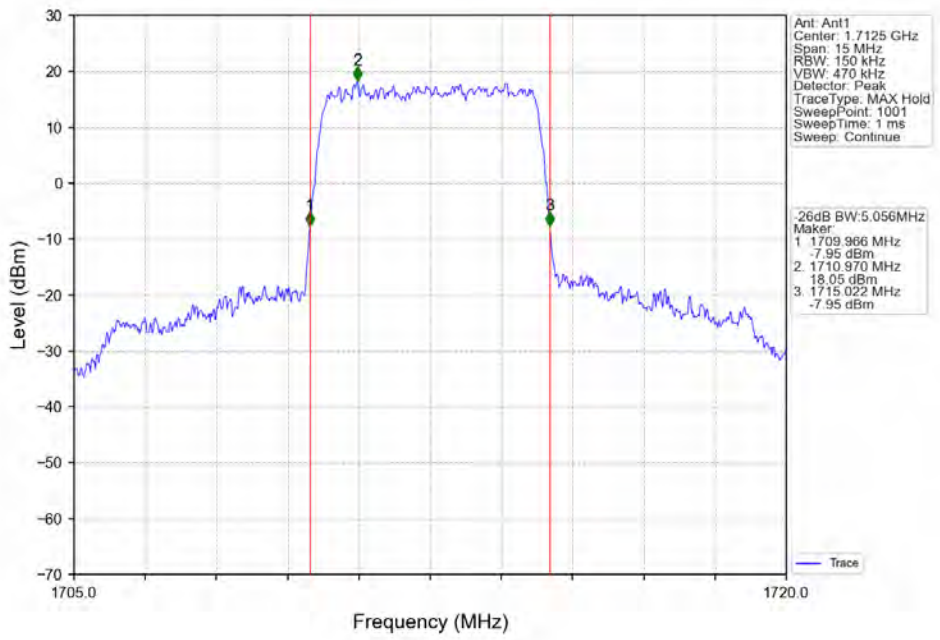
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV


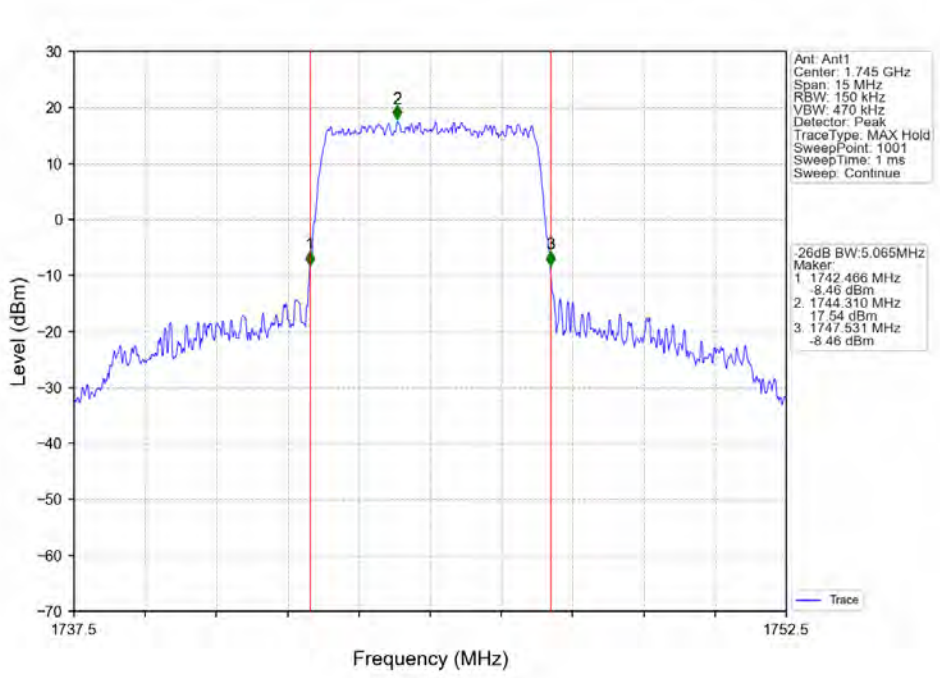
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV


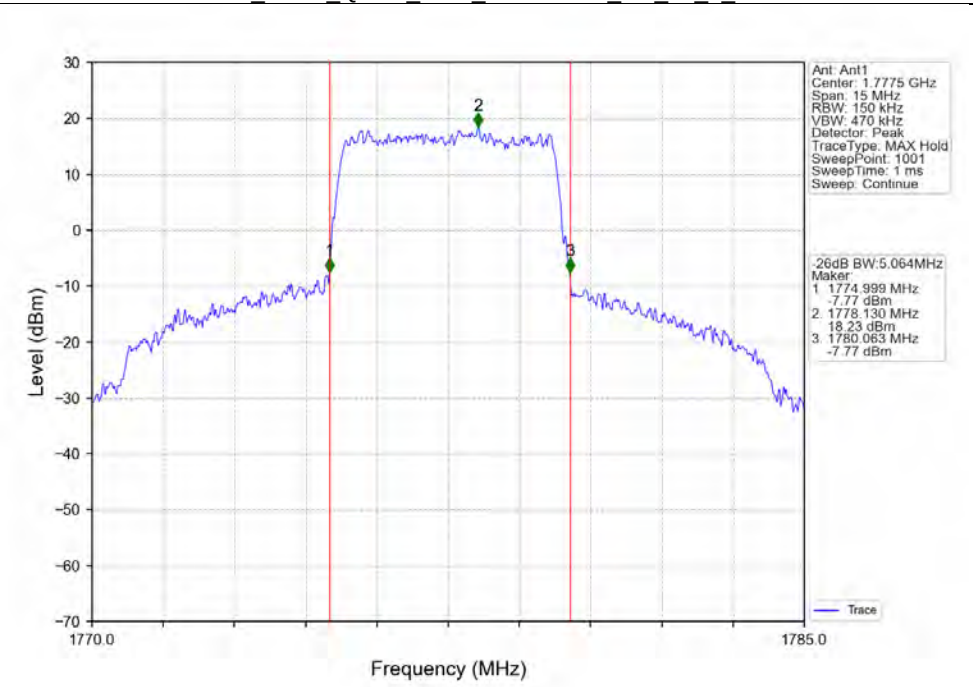
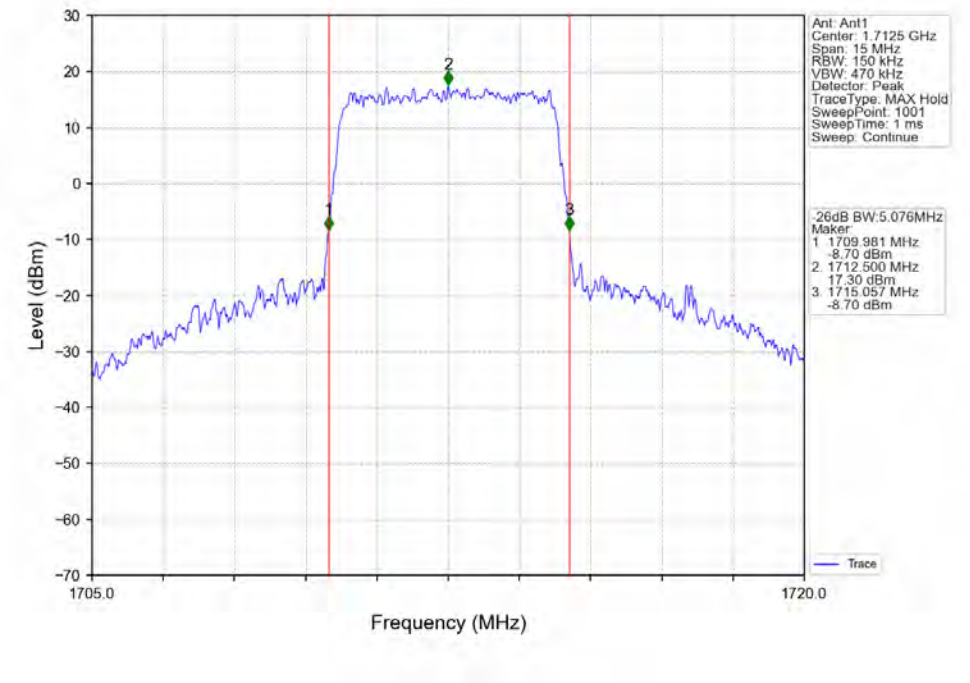
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV


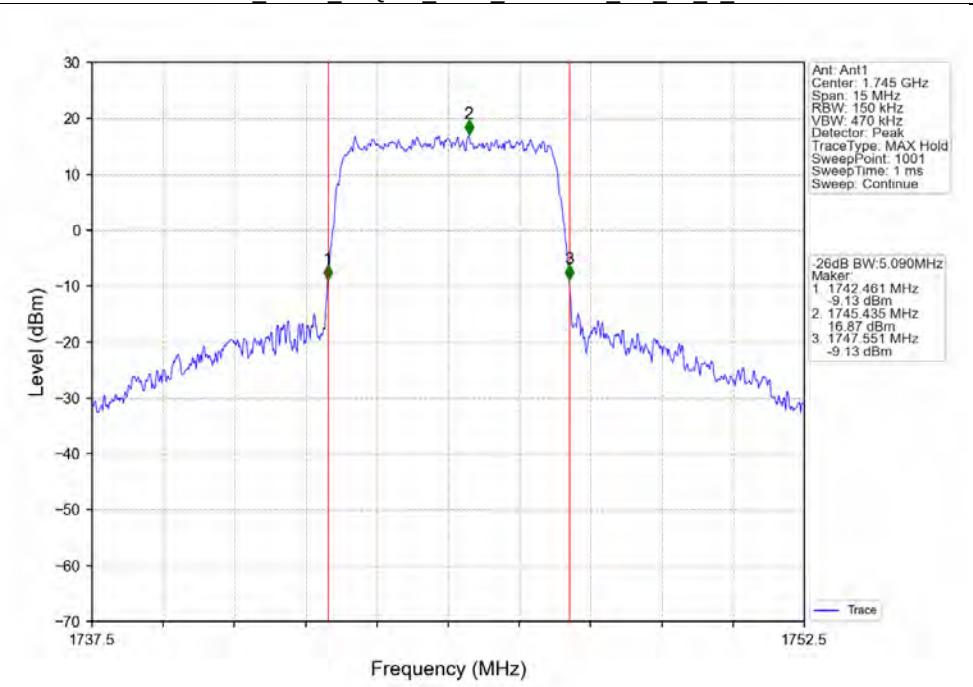
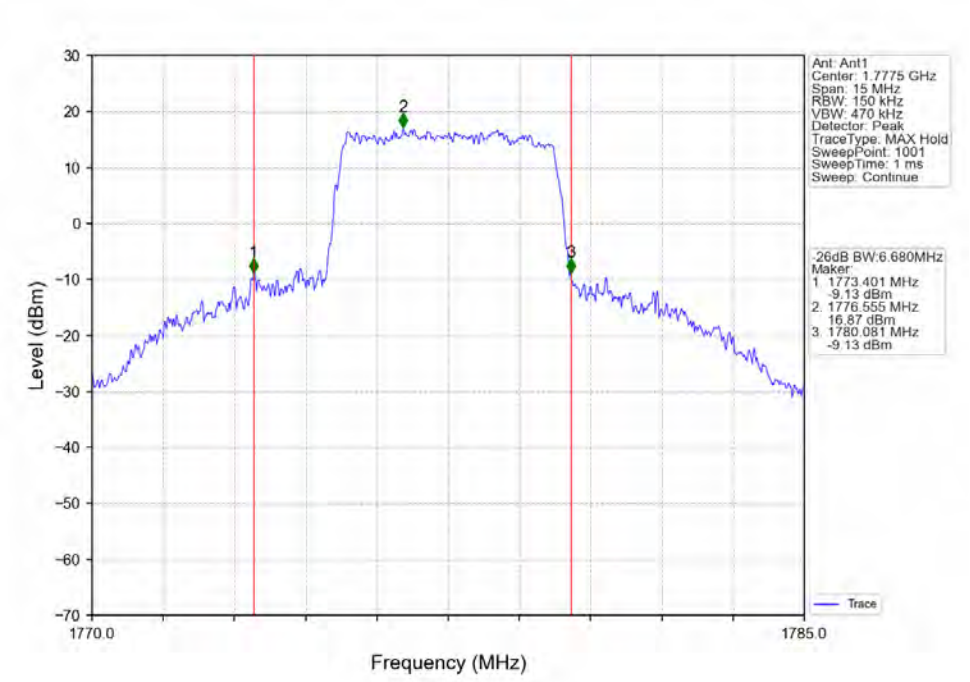
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

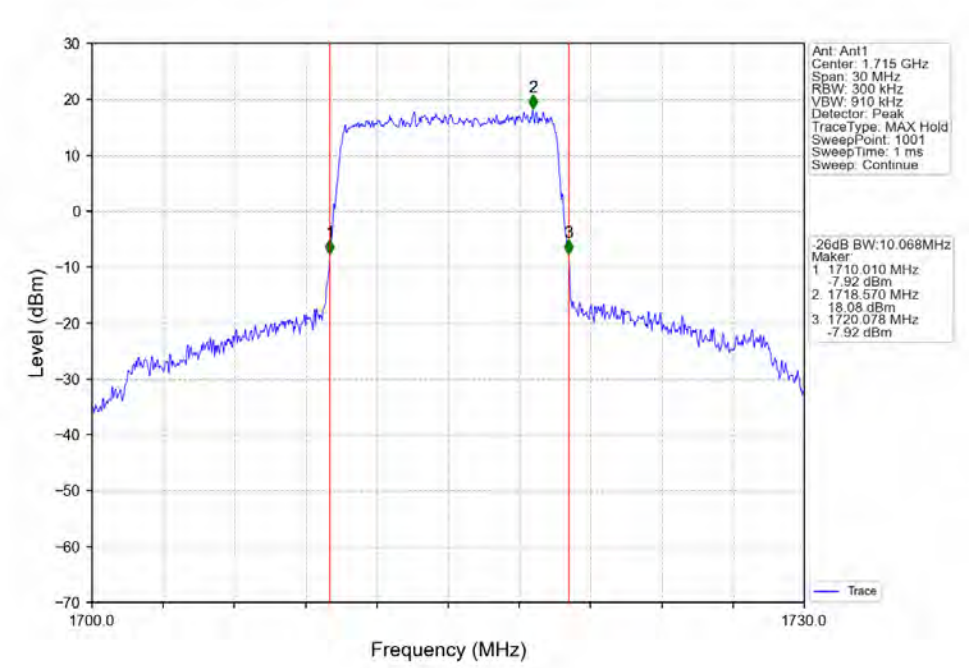


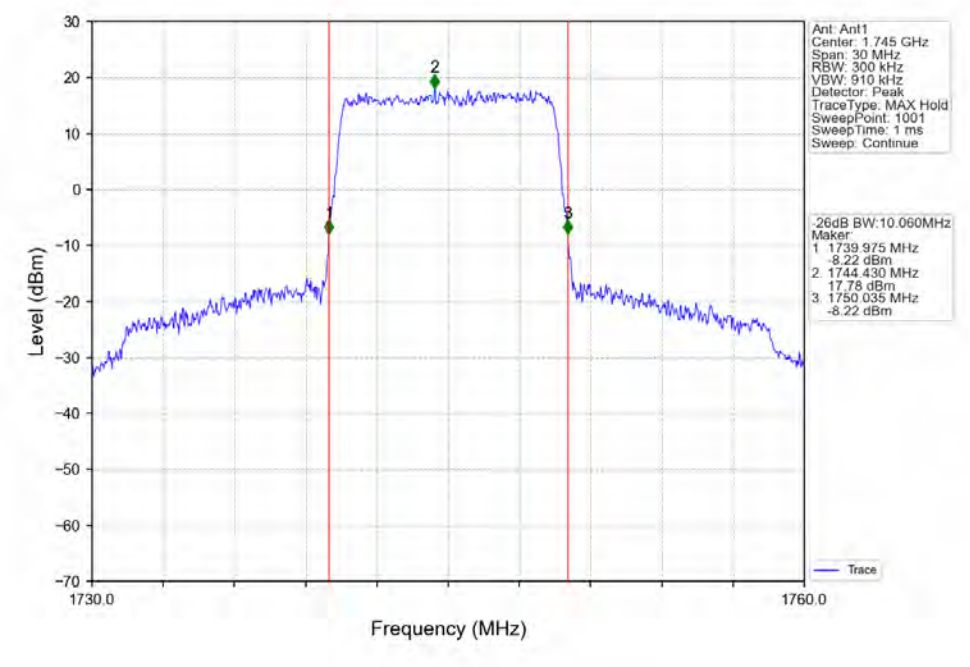
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



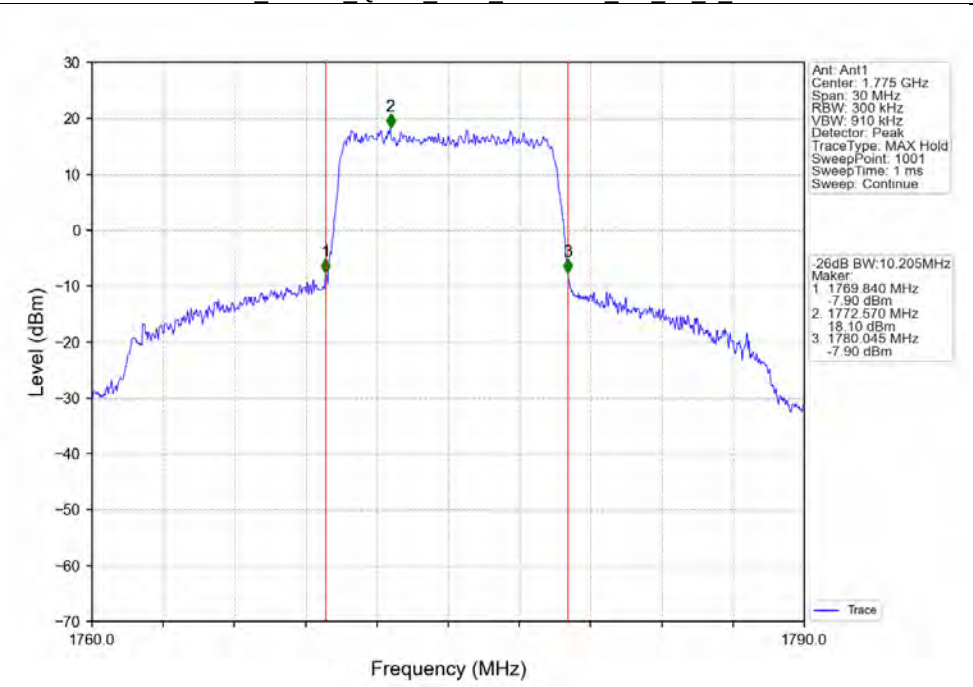
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV

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


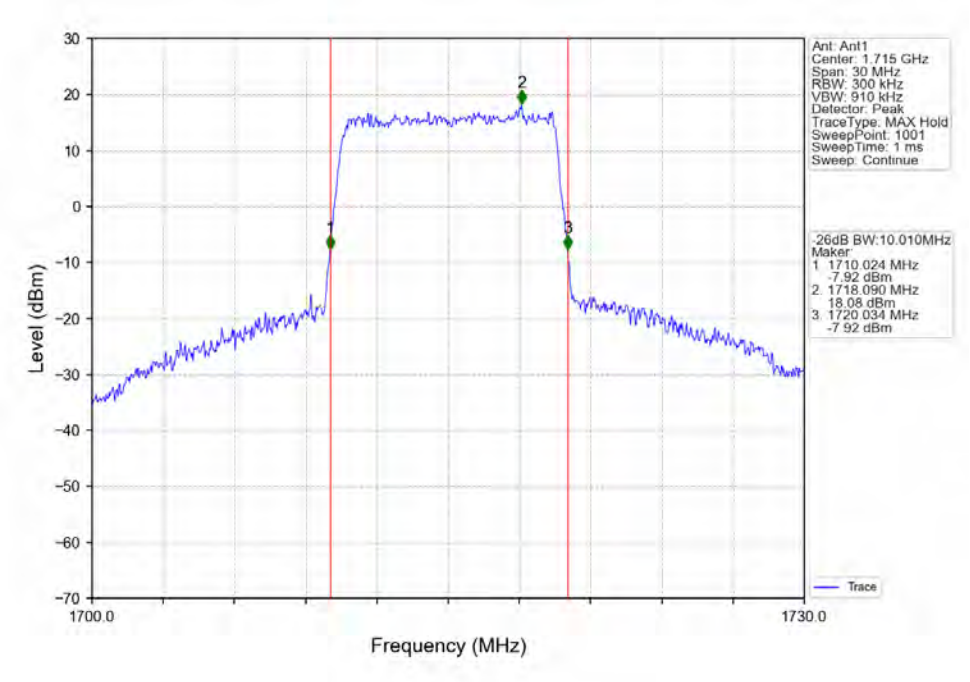
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV


Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV


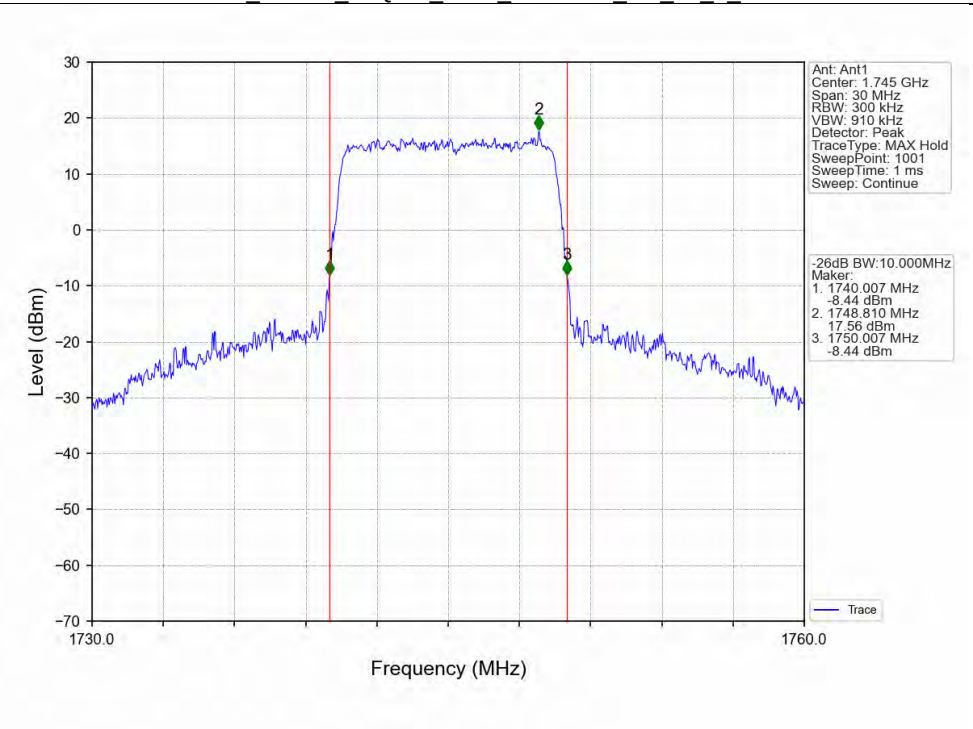
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



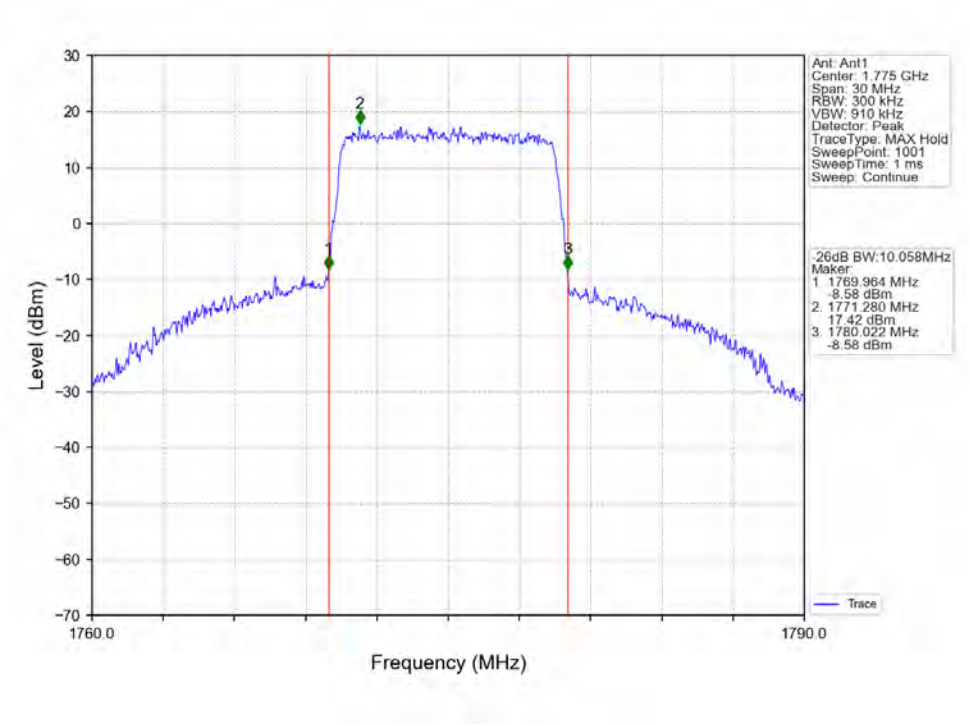
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



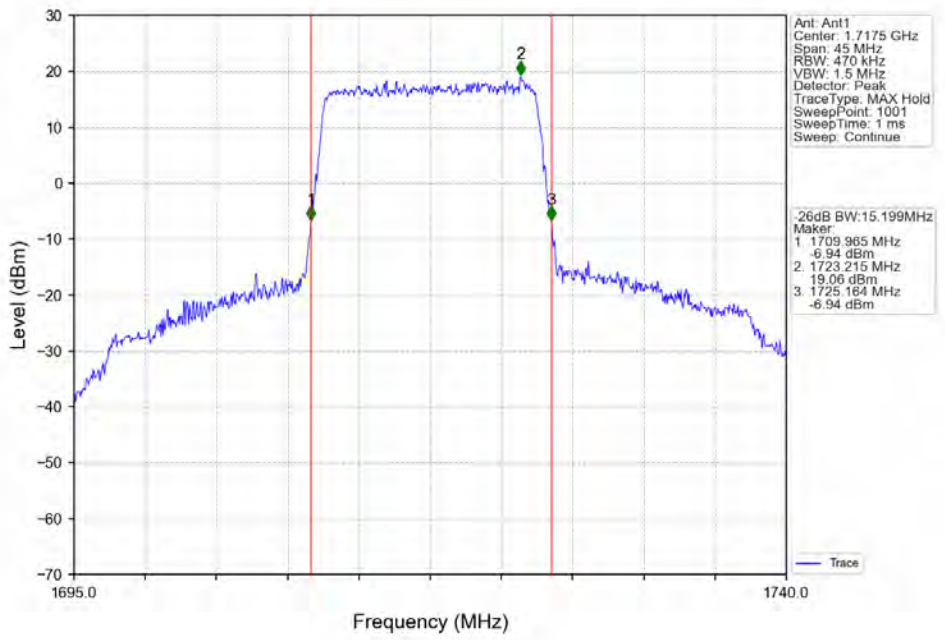
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



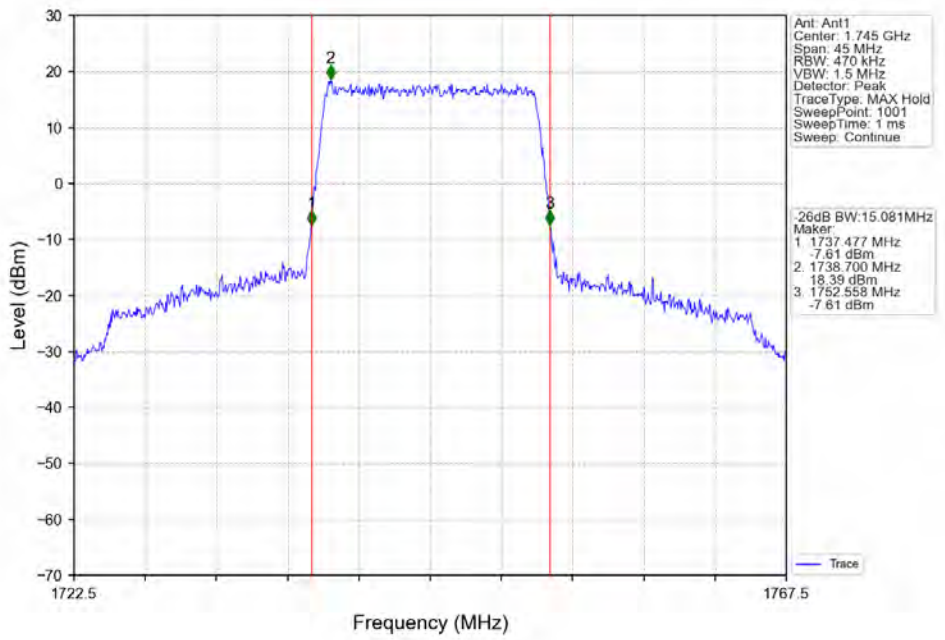
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



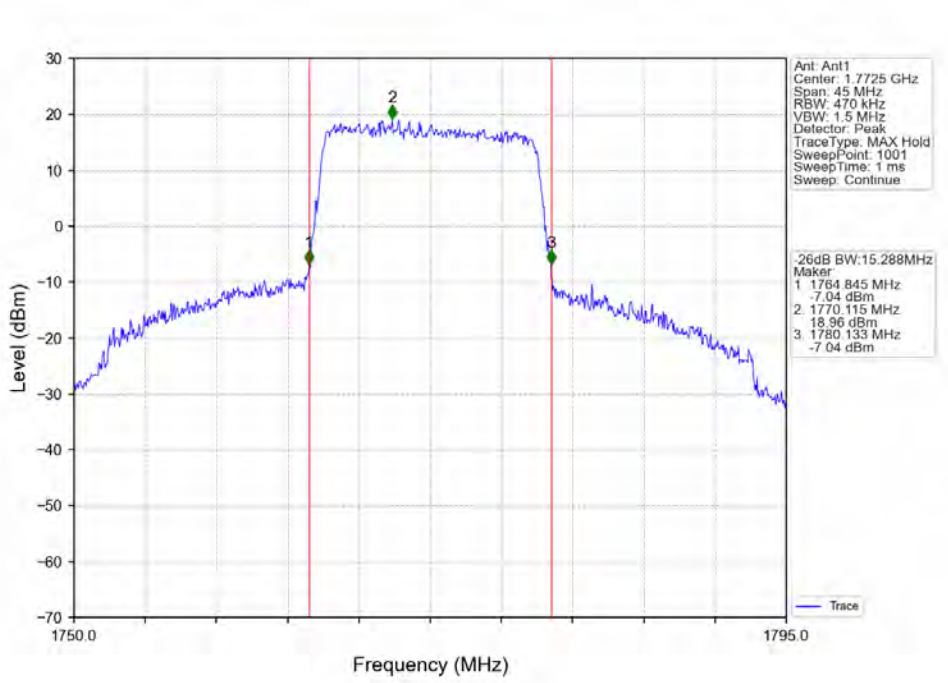
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



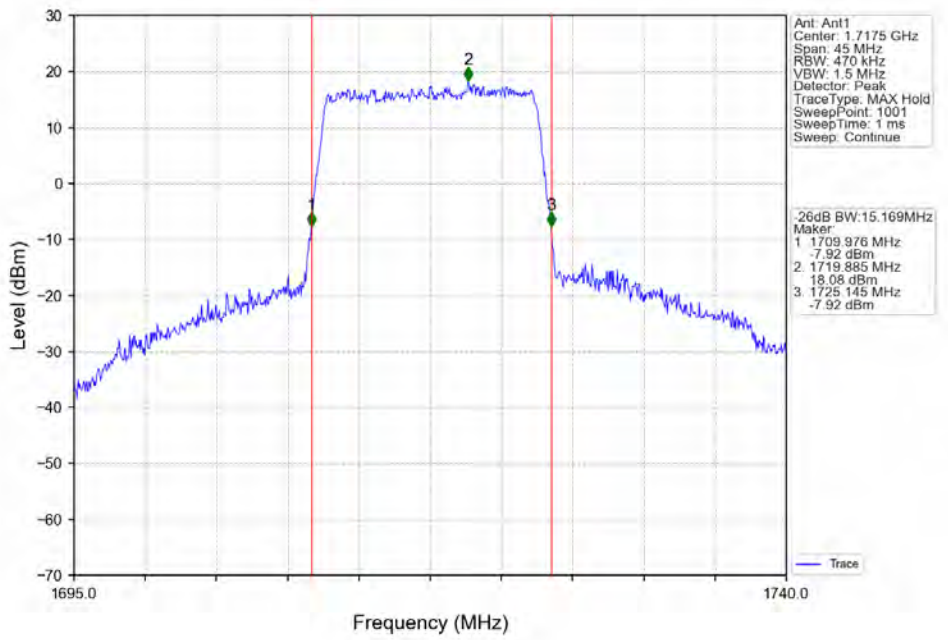
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



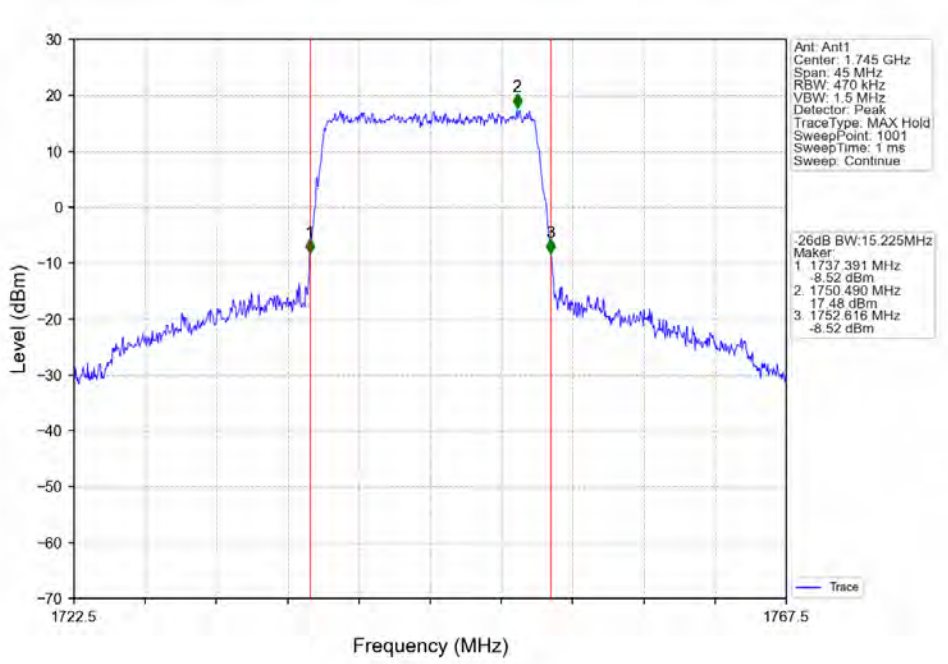
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



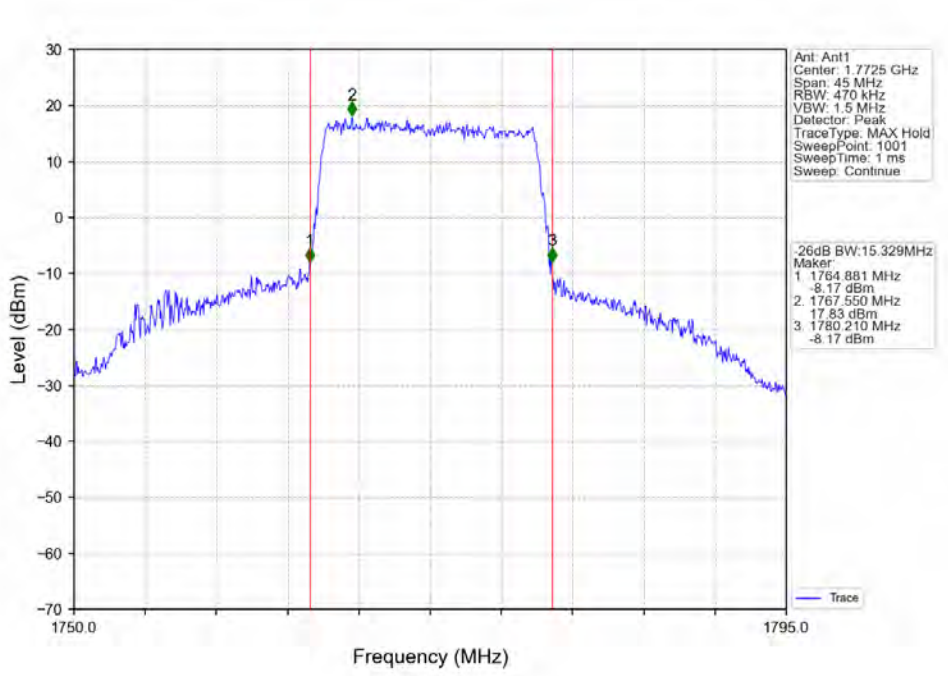
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



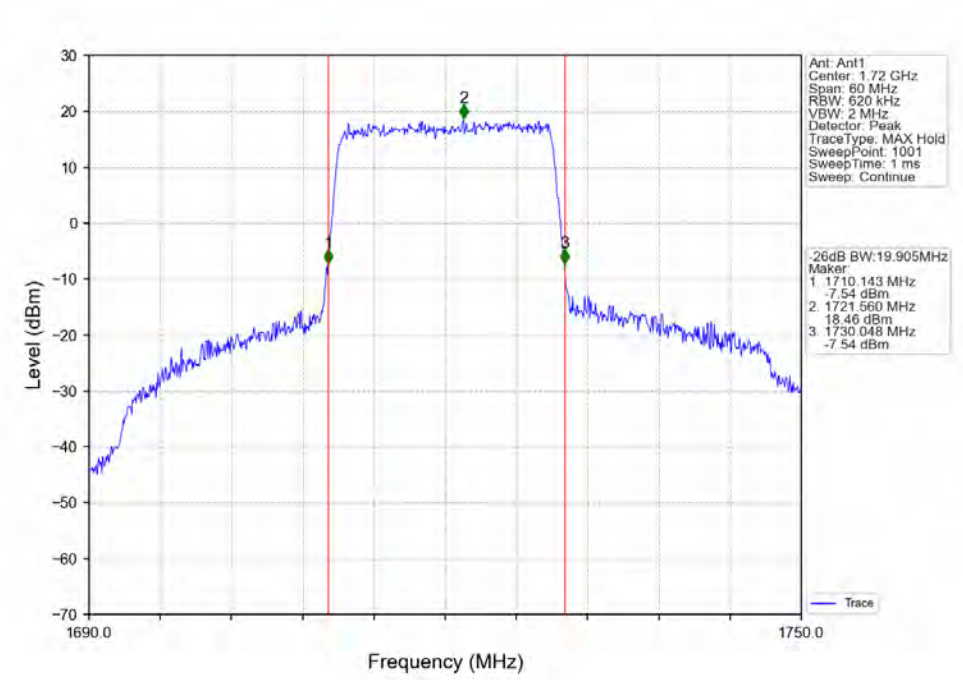
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



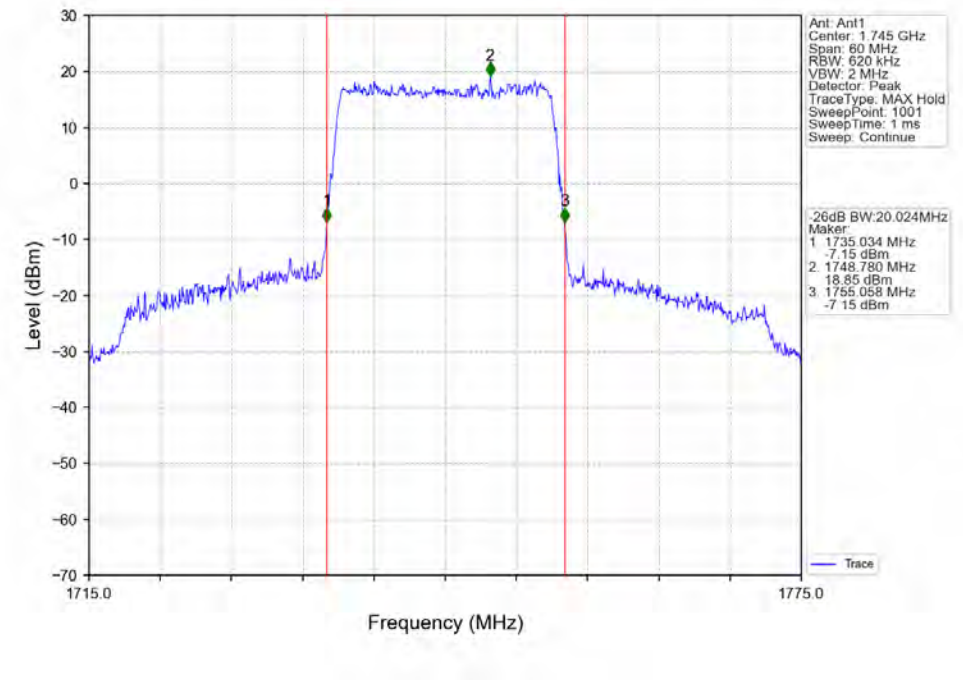
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

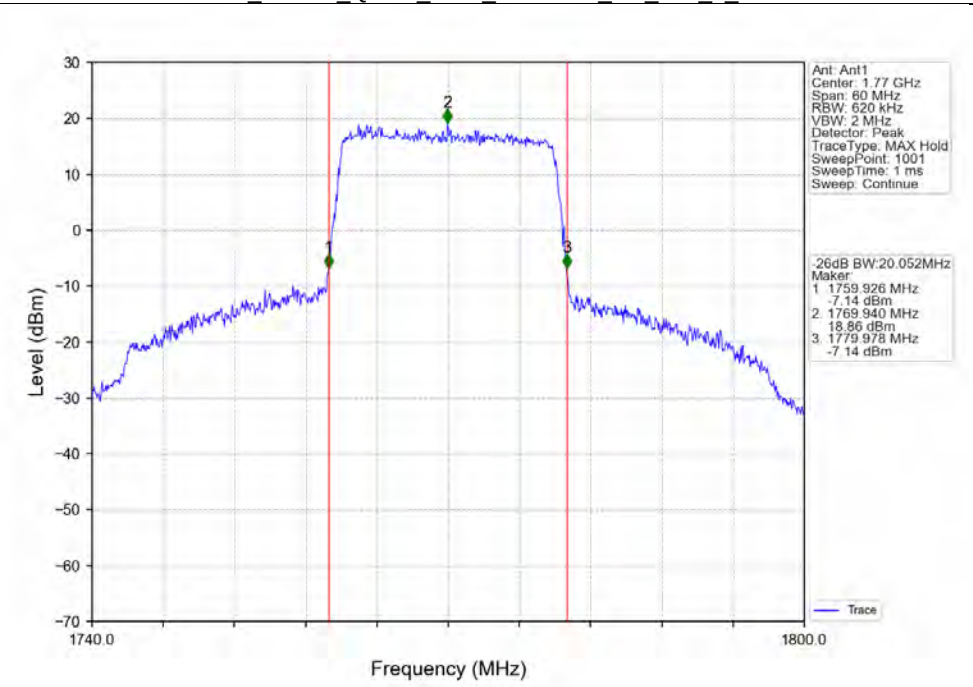


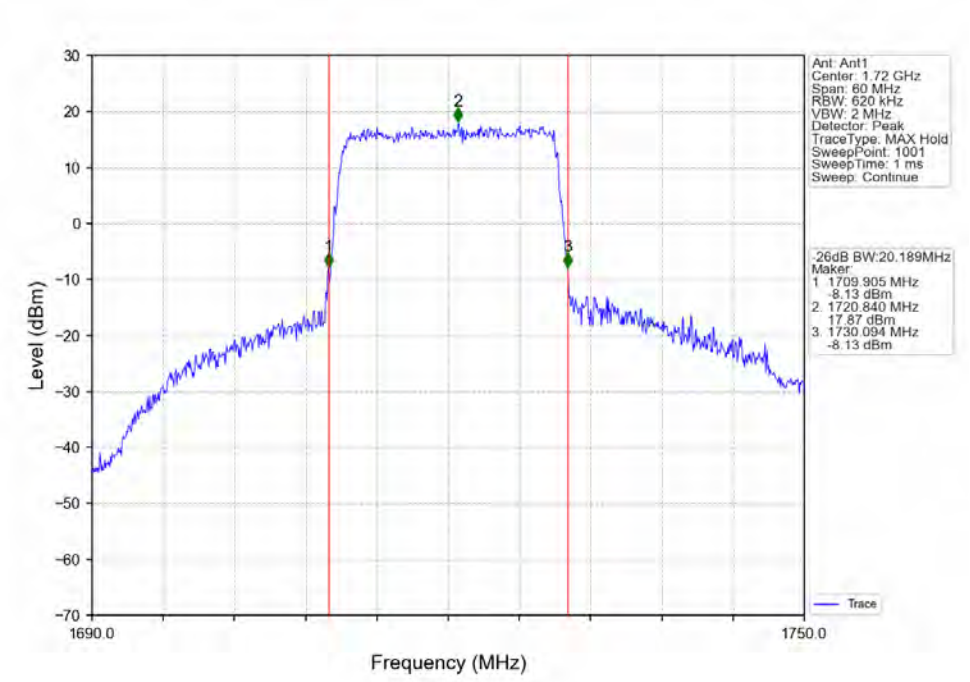
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

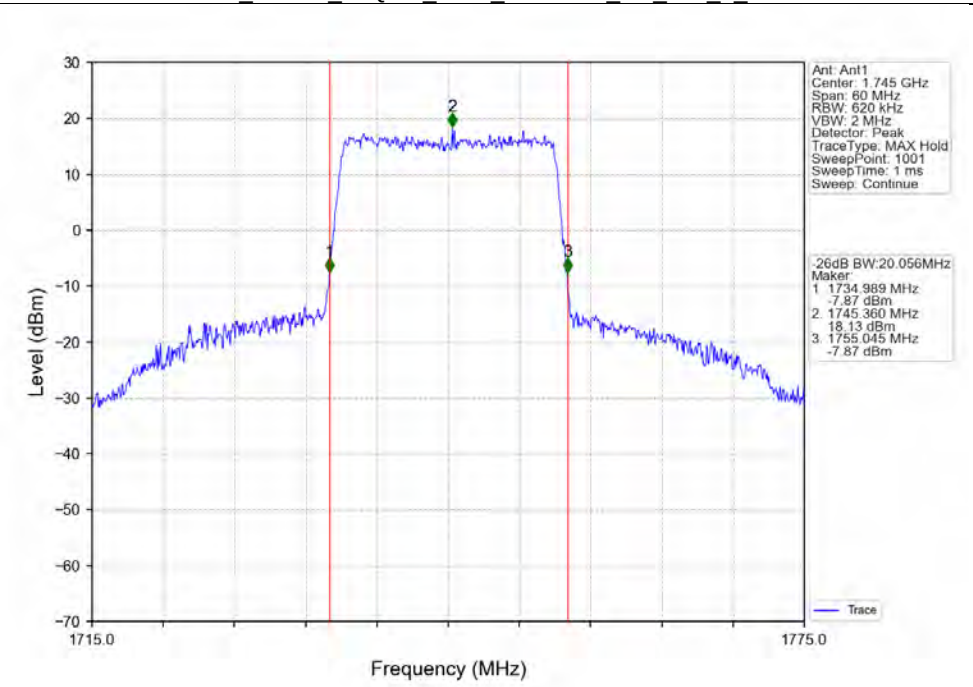
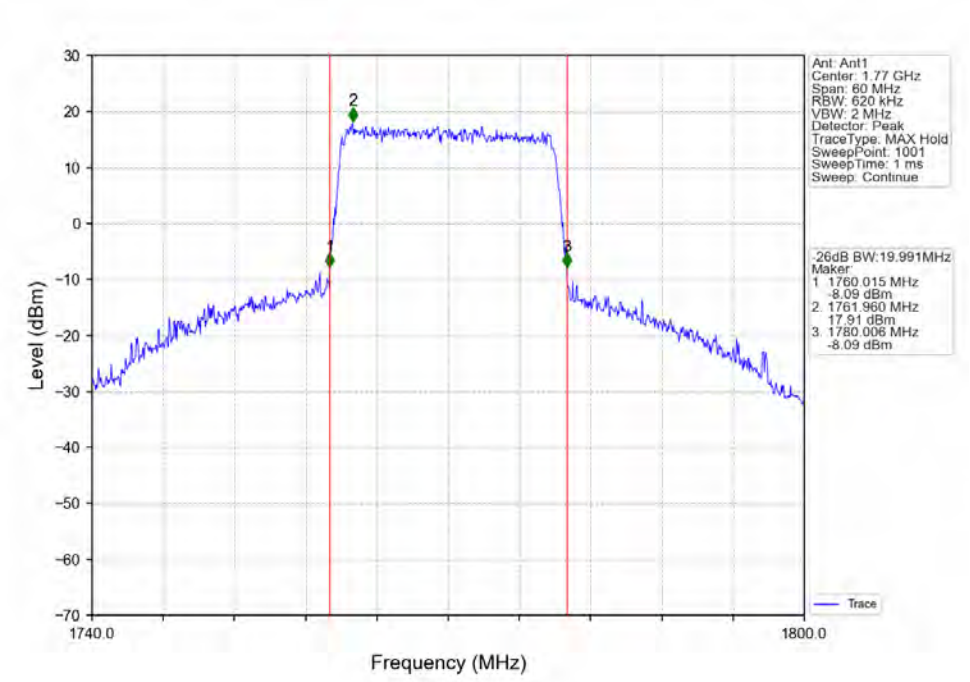


Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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

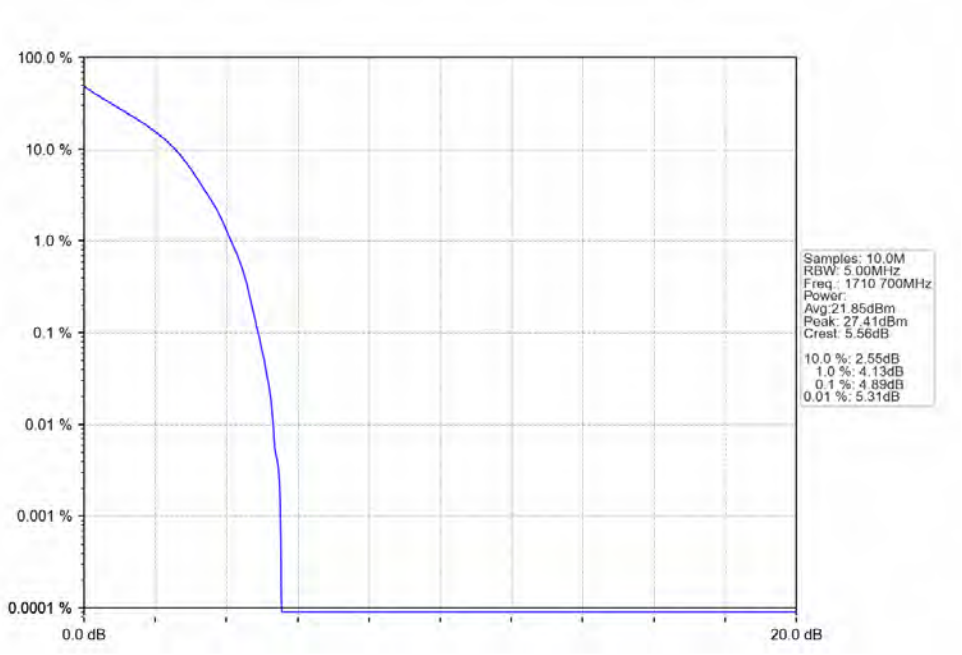
5.1 B66_1.4MHz

5.1.1 Test Result

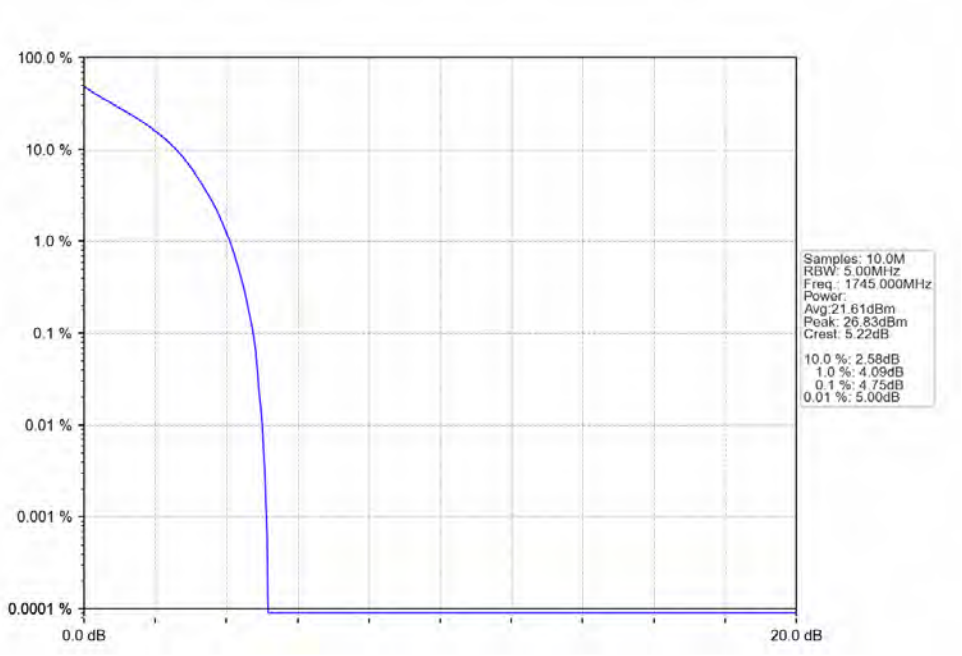
Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.89	<=13	Pass
	1745	6	0	4.75	<=13	Pass
	1779.3	6	0	3.42	<=13	Pass
16QAM	1710.7	6	0	5.70	<=13	Pass
	1745	6	0	5.43	<=13	Pass
	1779.3	6	0	4.28	<=13	Pass

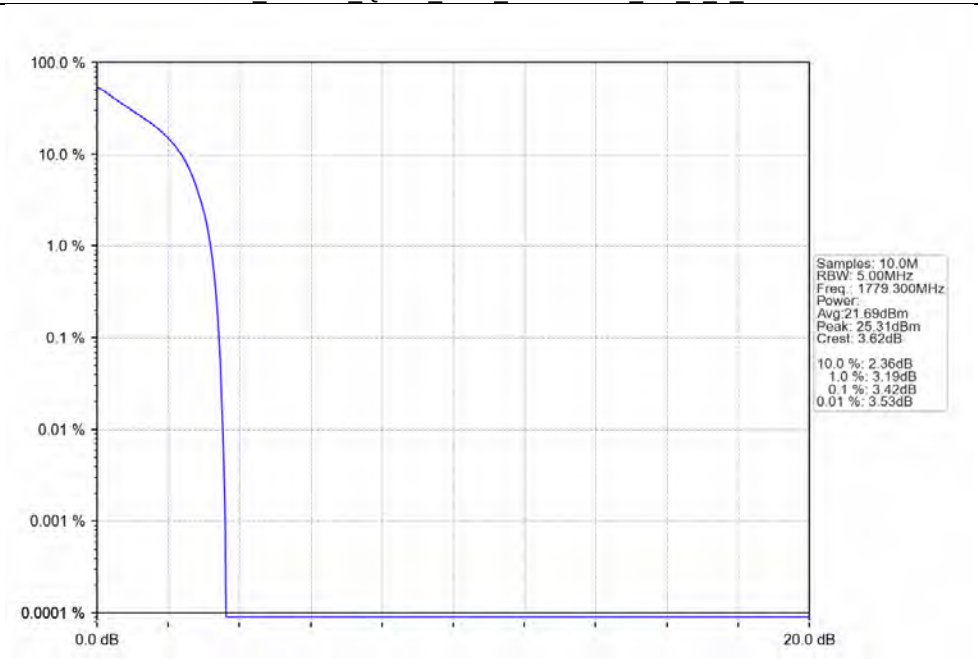
5.1.2 Test Graph

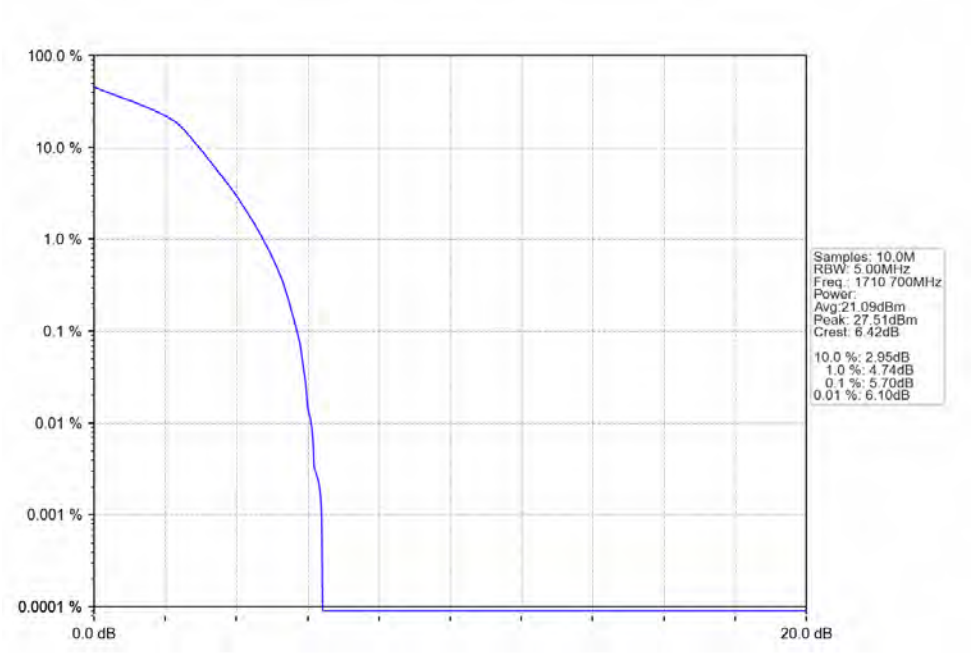
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



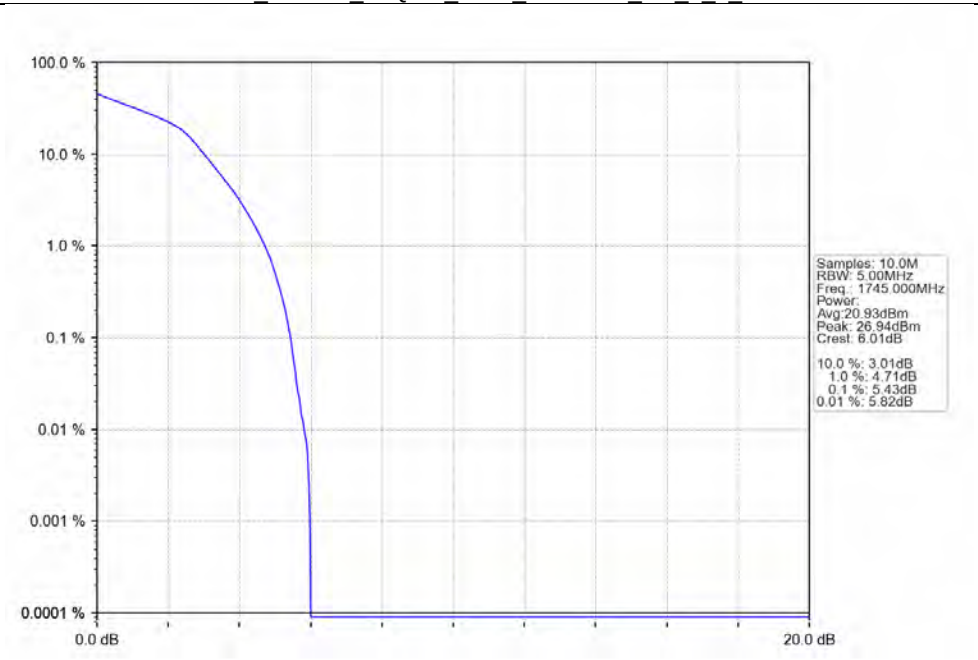
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



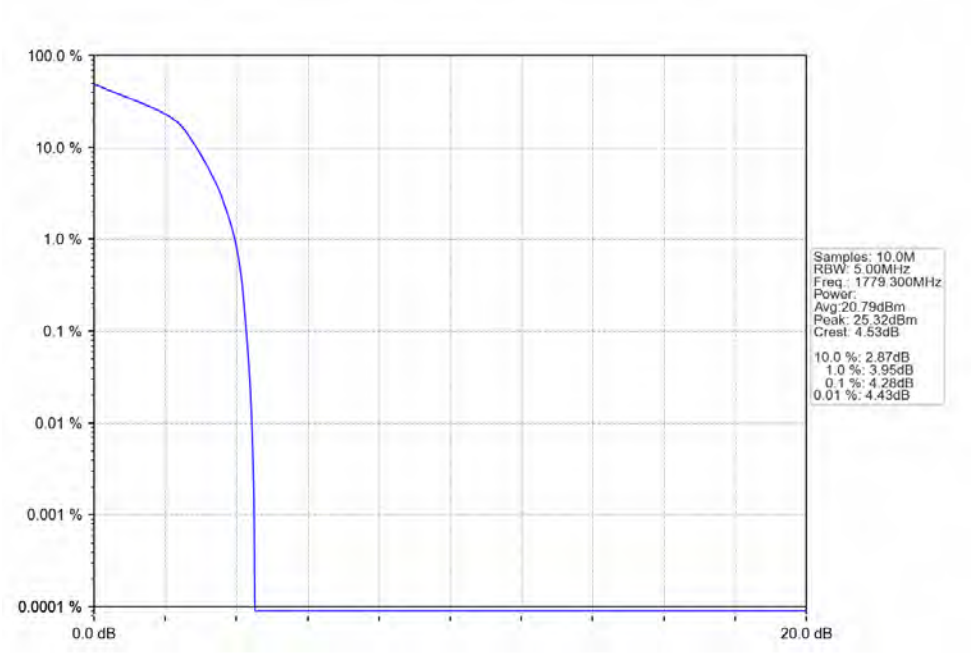
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV


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



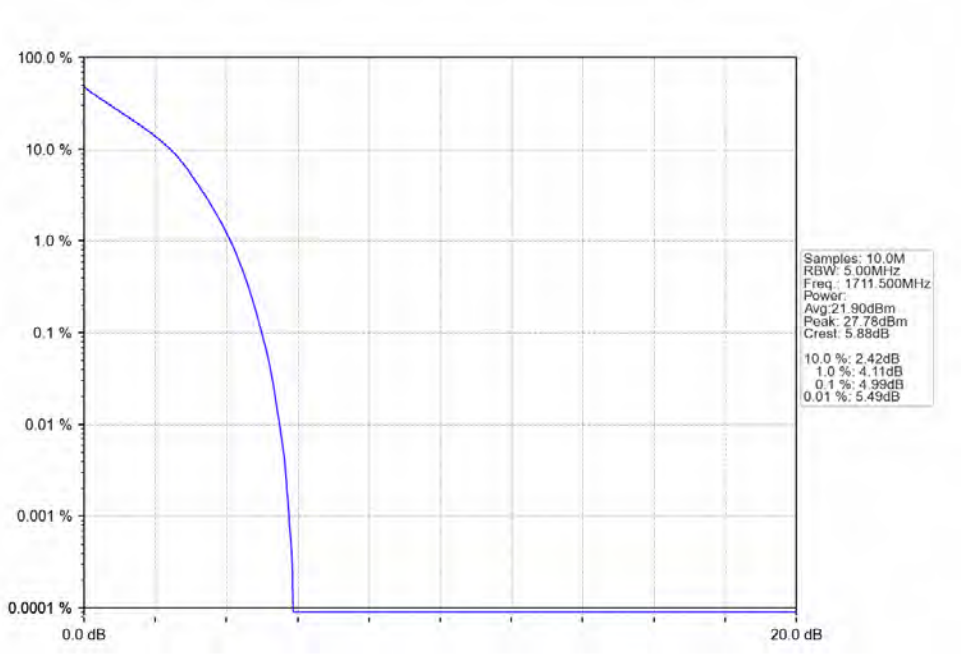
5.2 B66_3MHz

5.2.1 Test Result

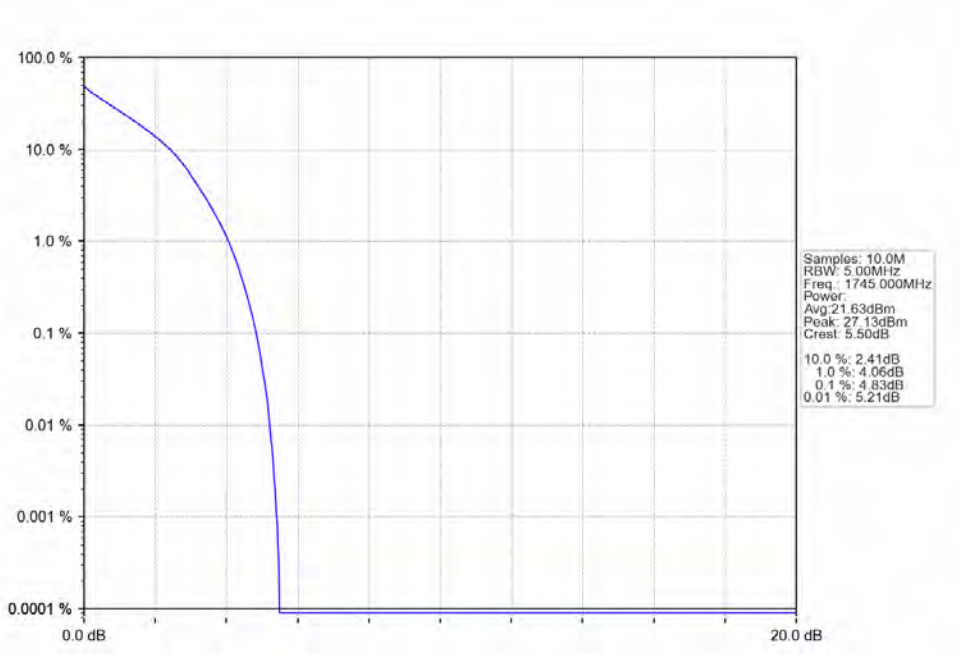
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.99	<=13	Pass
	1745	15	0	4.83	<=13	Pass
	1778.5	15	0	3.61	<=13	Pass
16QAM	1711.5	15	0	5.79	<=13	Pass
	1745	15	0	5.63	<=13	Pass
	1778.5	15	0	4.34	<=13	Pass

5.2.2 Test Graph

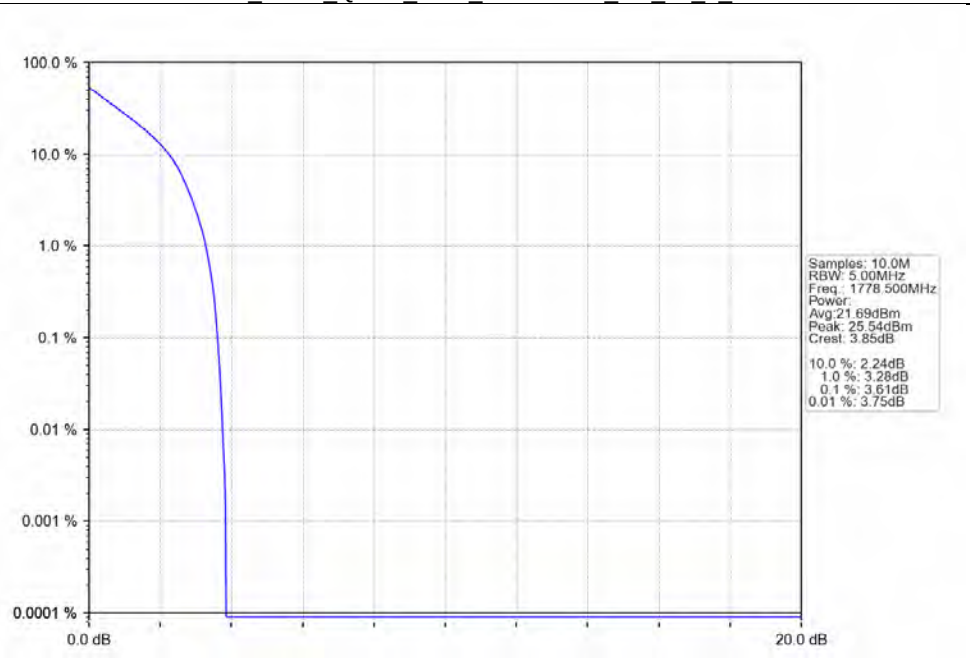
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



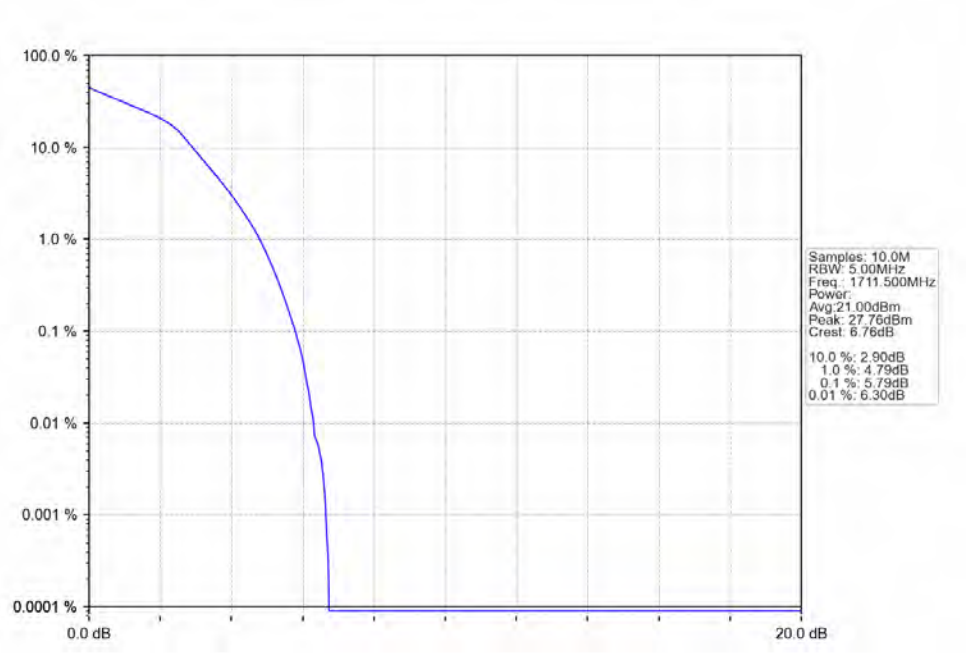
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



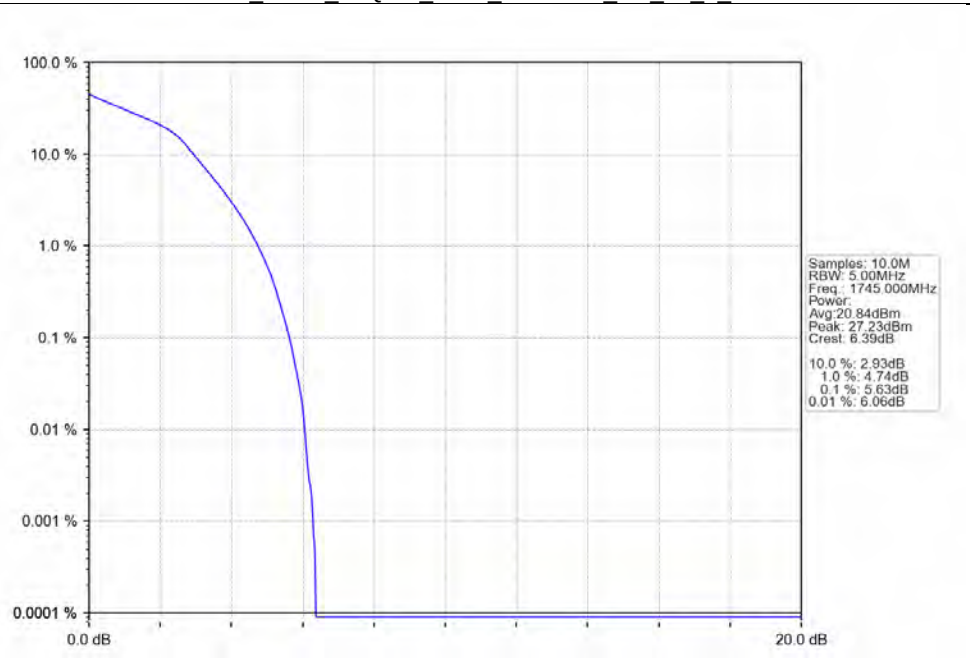
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



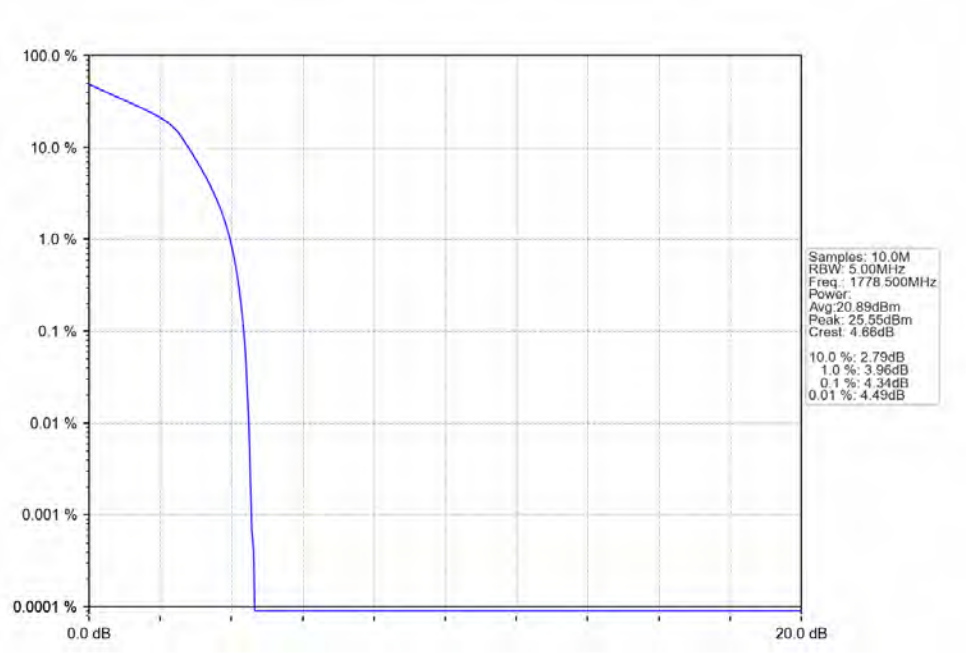
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



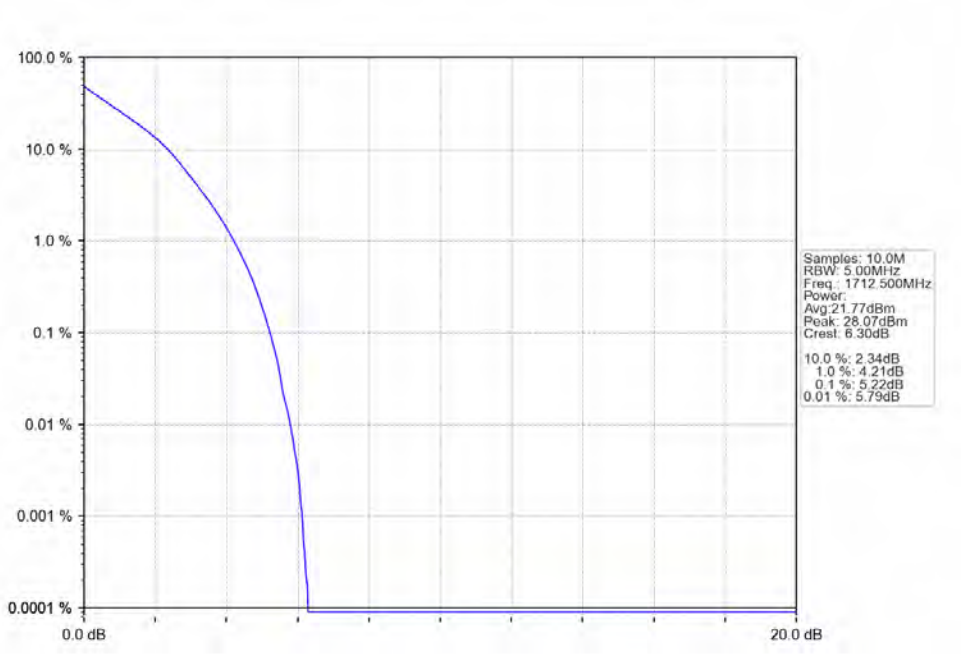
5.3 B66_5MHz

5.3.1 Test Result

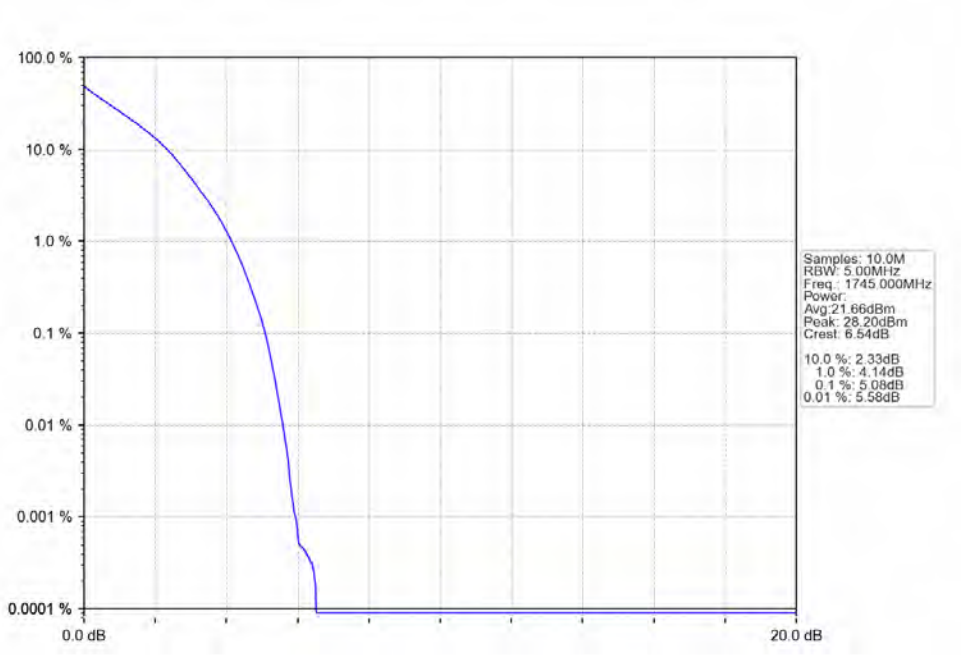
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.22	<=13	Pass
	1745	25	0	5.08	<=13	Pass
	1777.5	25	0	4.18	<=13	Pass
16QAM	1712.5	25	0	5.88	<=13	Pass
	1745	25	0	5.81	<=13	Pass
	1777.5	25	0	4.81	<=13	Pass

5.3.2 Test Graph

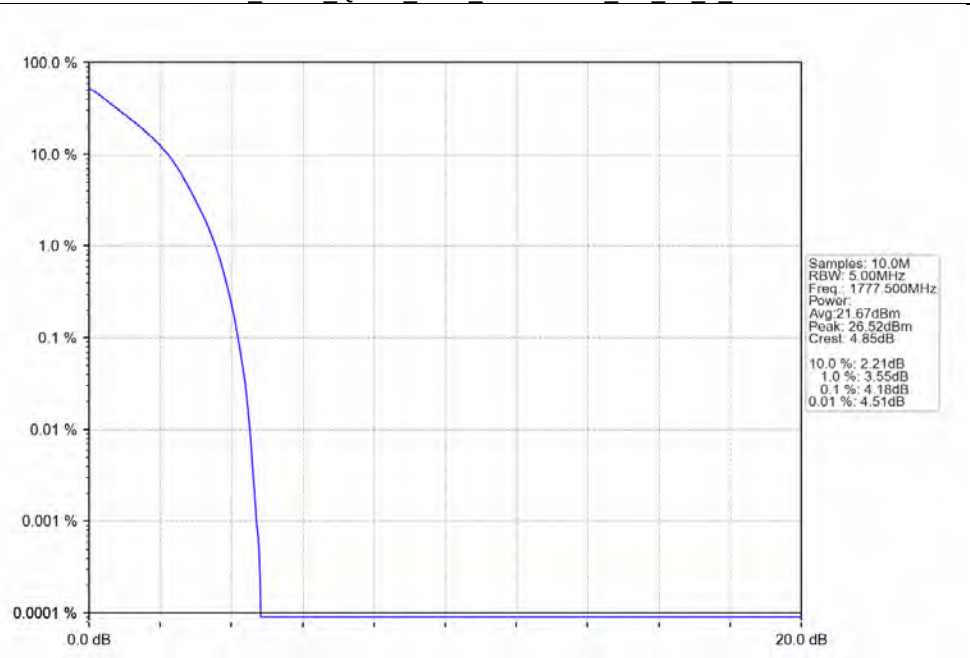
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



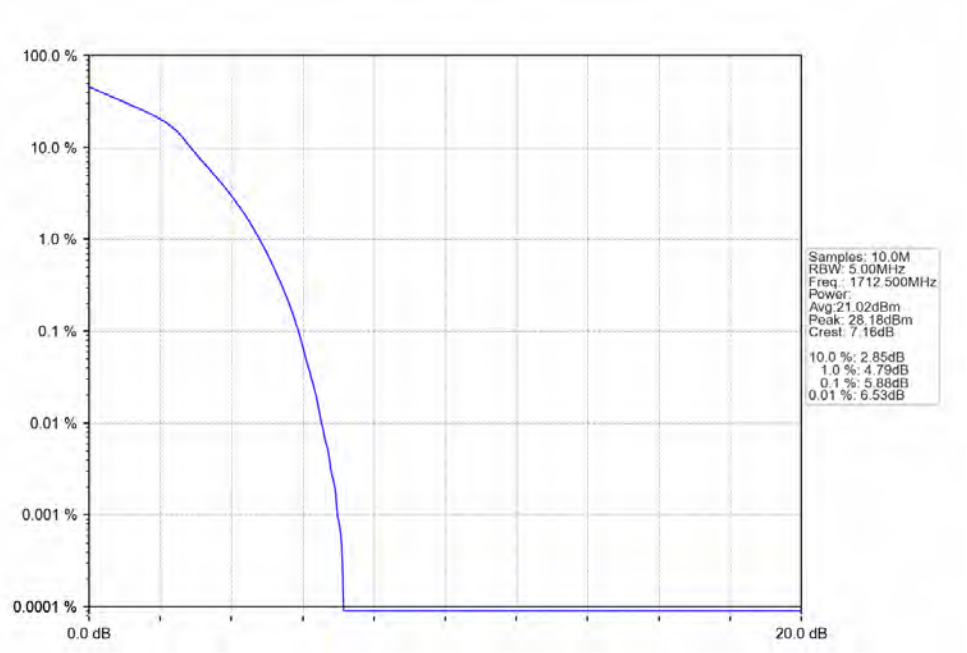
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



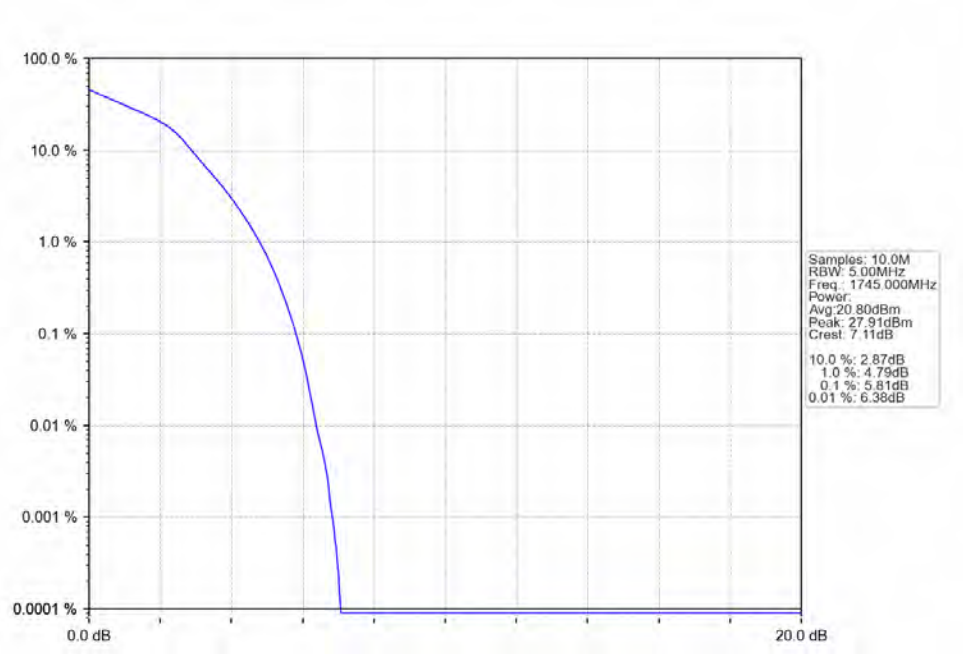
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



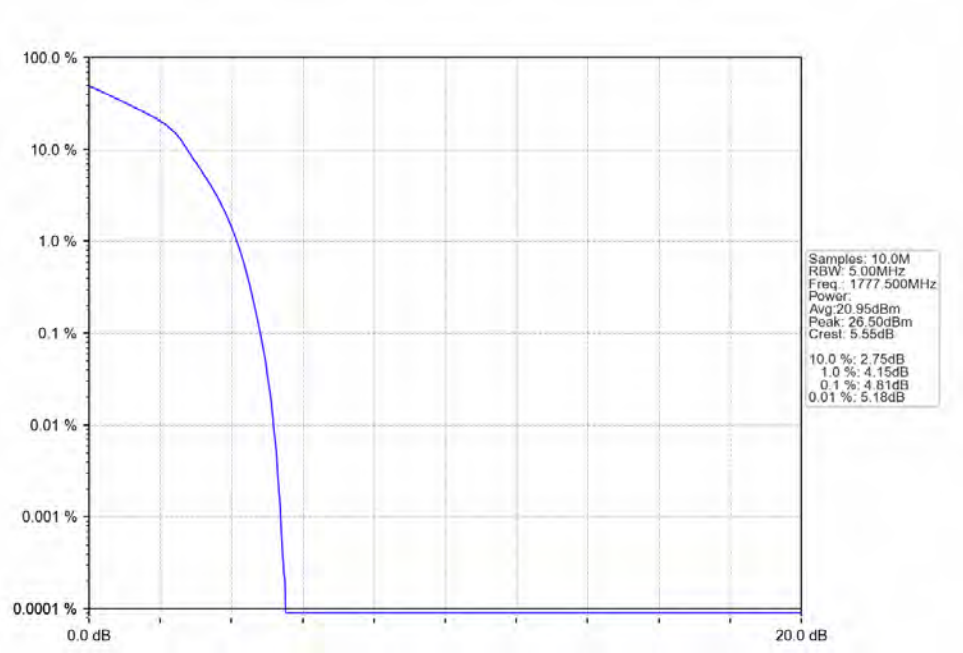
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



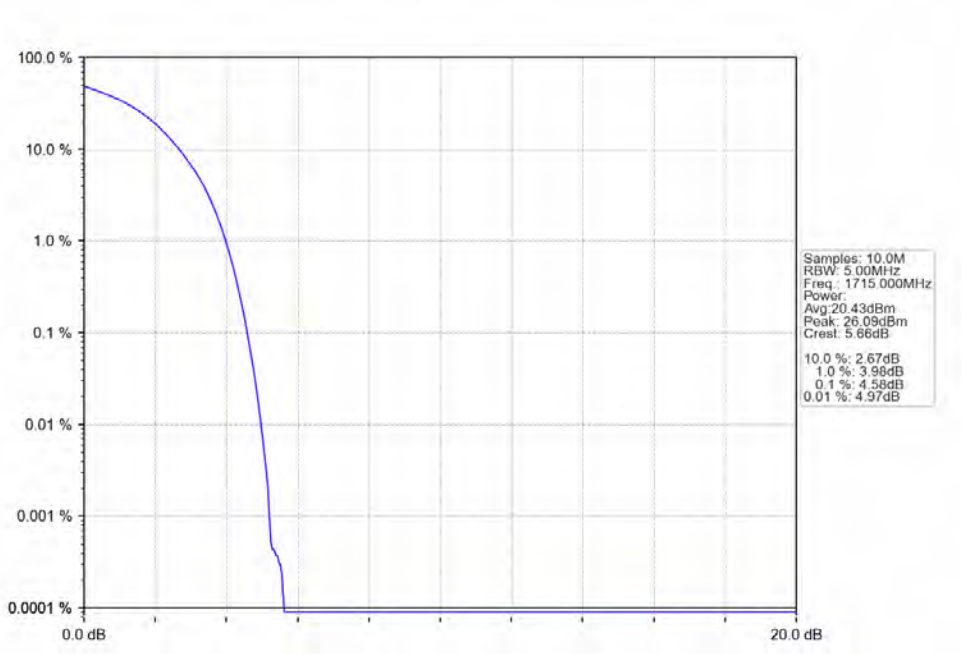
5.4 B66_10MHz

5.4.1 Test Result

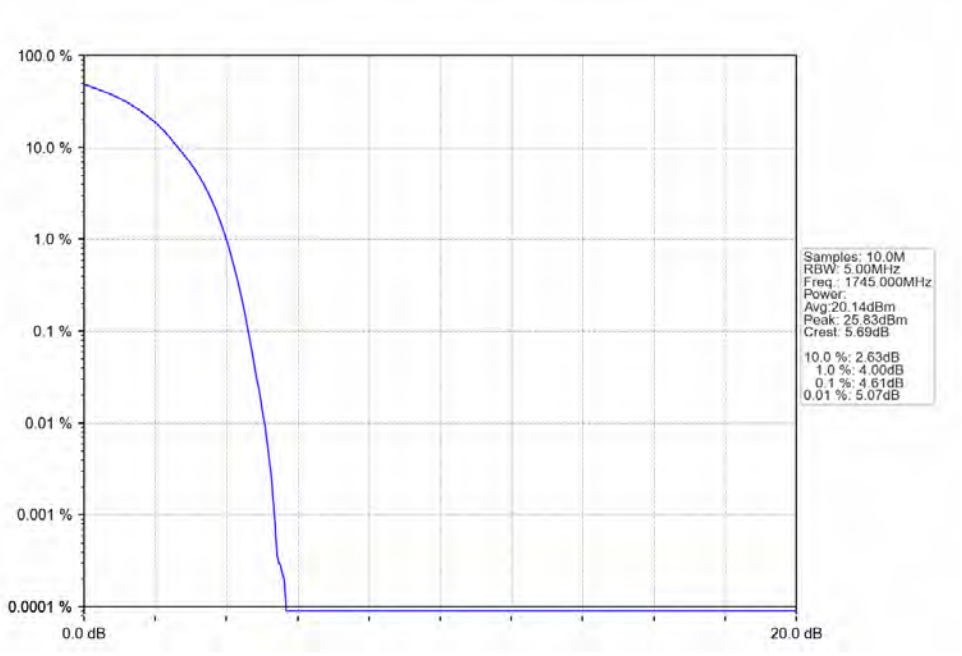
Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.58	<=13	Pass
	1745	50	0	4.61	<=13	Pass
	1775	50	0	4.55	<=13	Pass
16QAM	1715	50	0	6.01	<=13	Pass
	1745	50	0	5.94	<=13	Pass
	1775	50	0	5.74	<=13	Pass

5.4.2 Test Graph

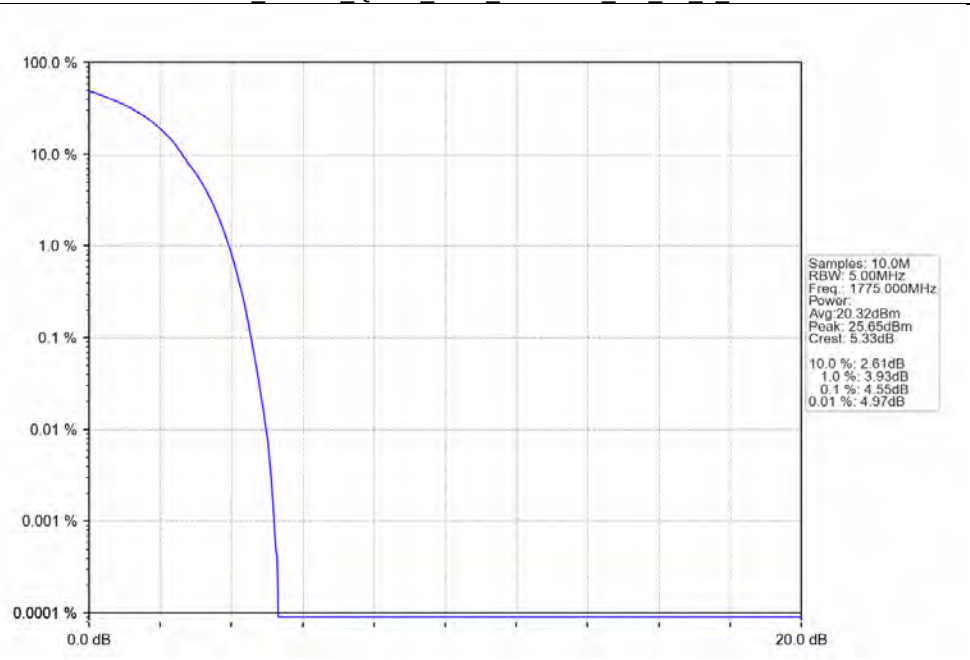
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



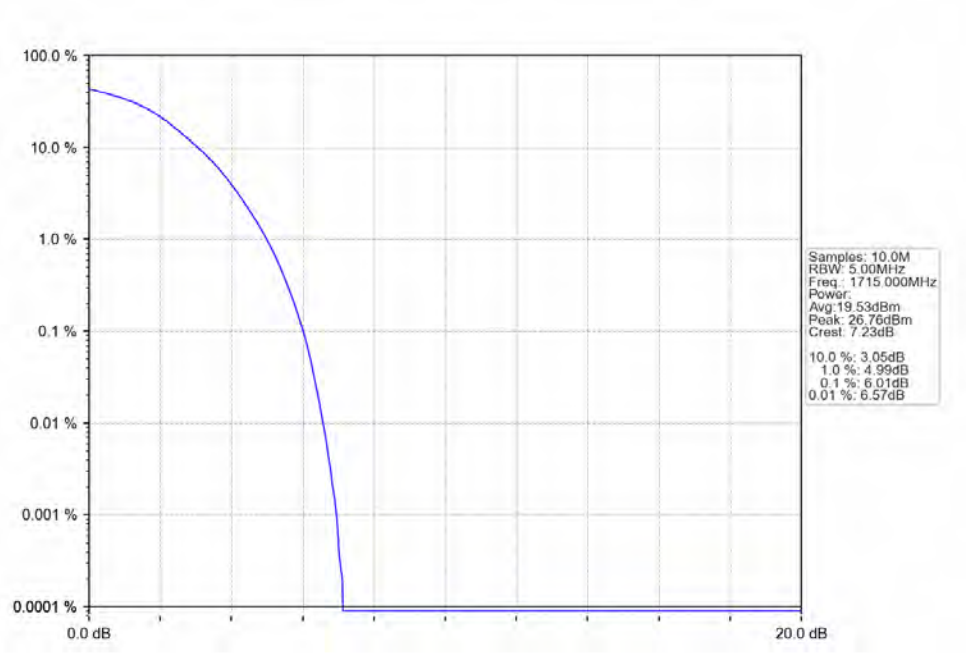
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



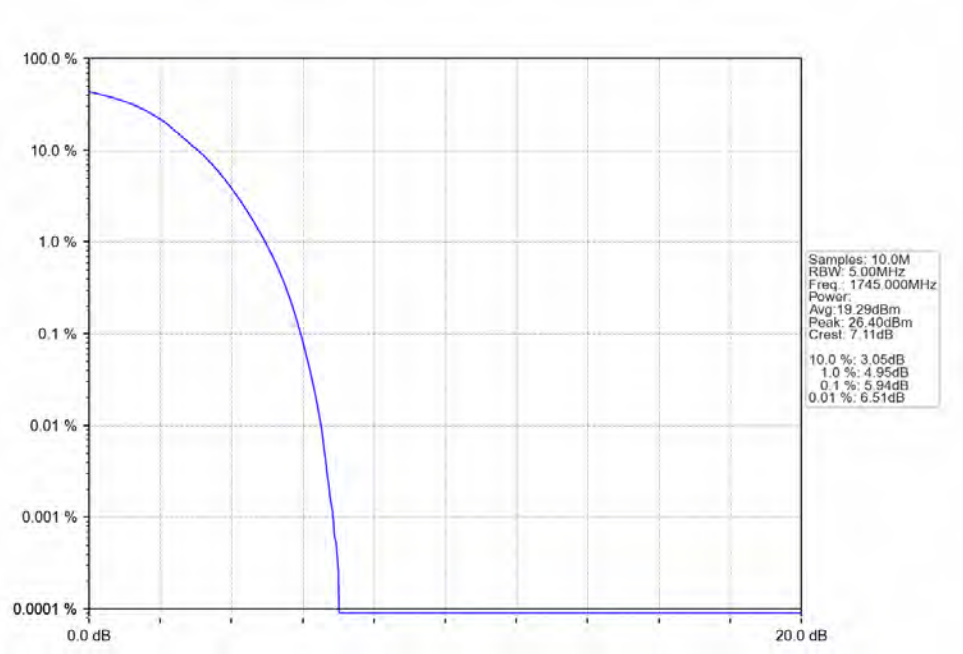
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



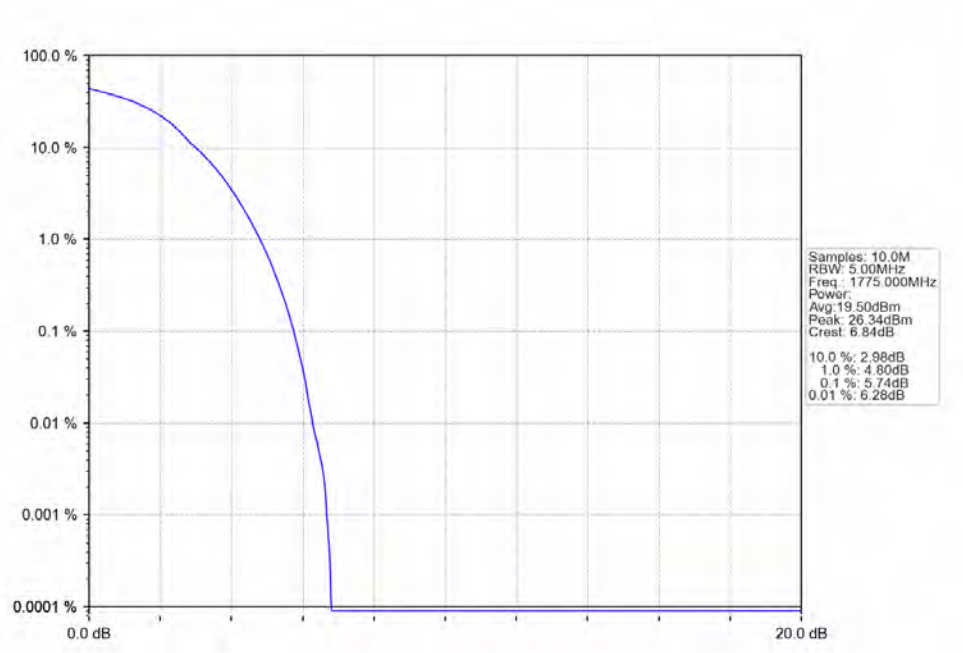
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



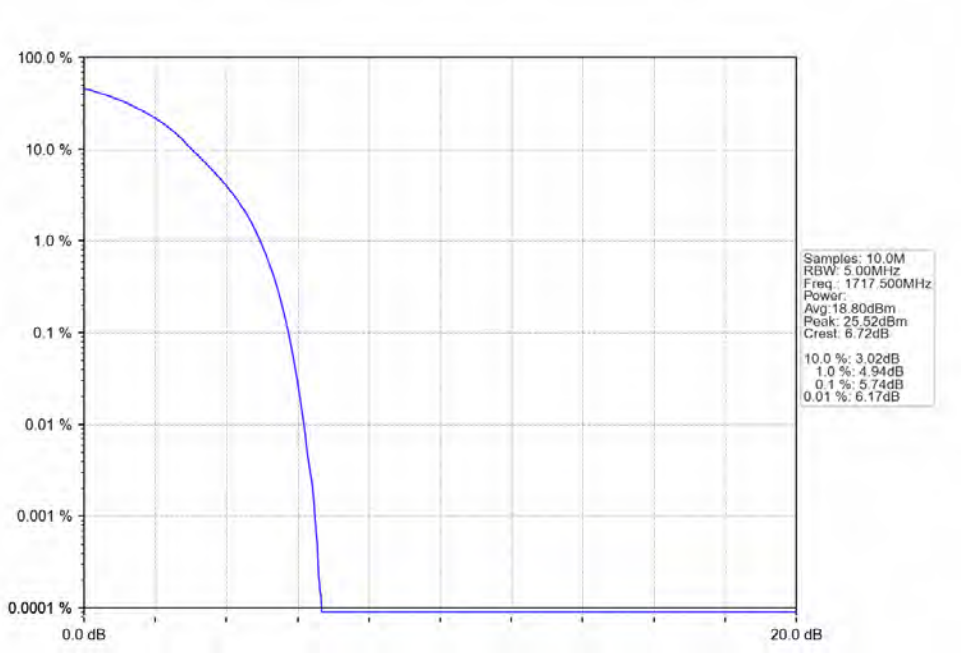
5.5 B66_15MHz

5.5.1 Test Result

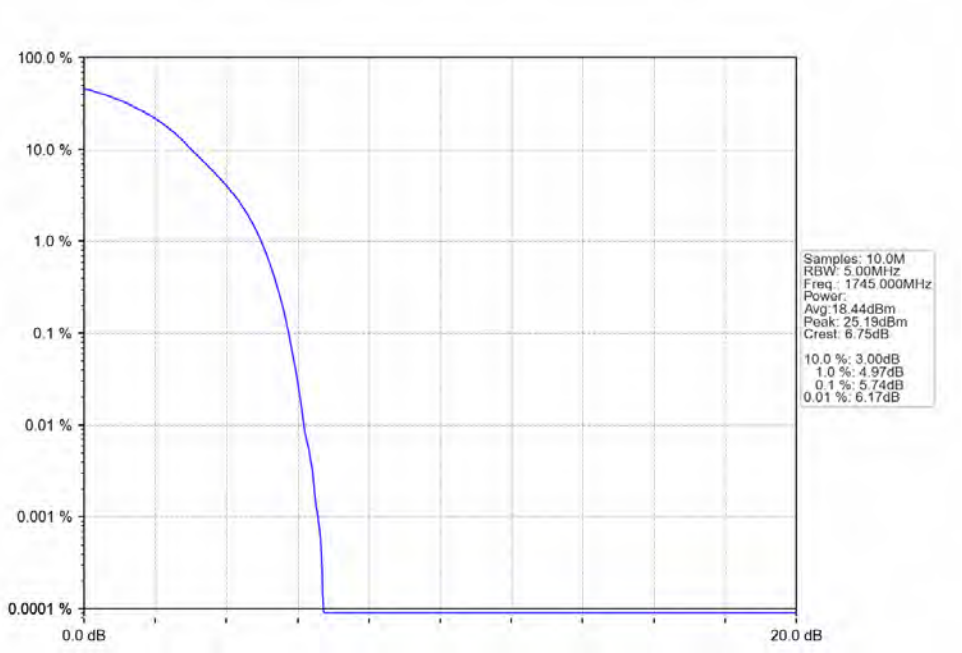
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.74	<=13	Pass
	1745	75	0	5.74	<=13	Pass
	1772.5	75	0	5.77	<=13	Pass
16QAM	1717.5	75	0	6.71	<=13	Pass
	1745	75	0	6.79	<=13	Pass
	1772.5	75	0	6.71	<=13	Pass

5.5.2 Test Graph

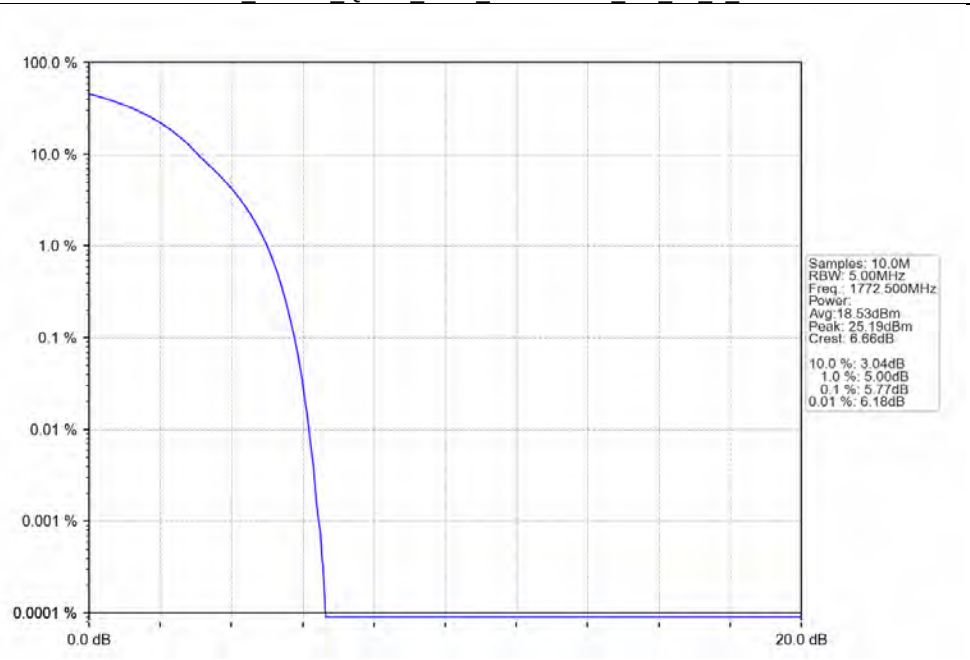
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



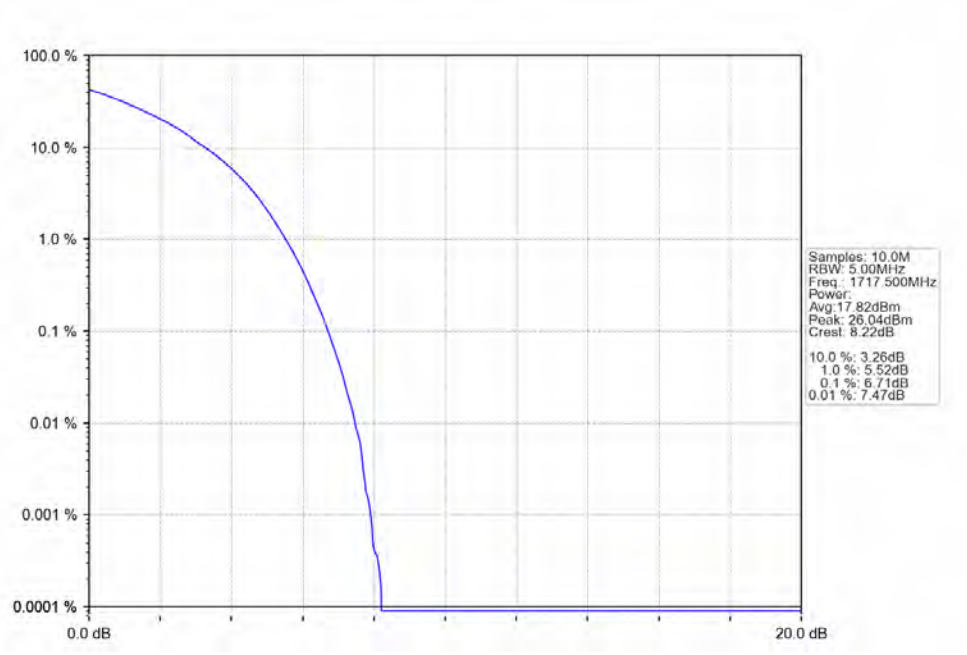
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



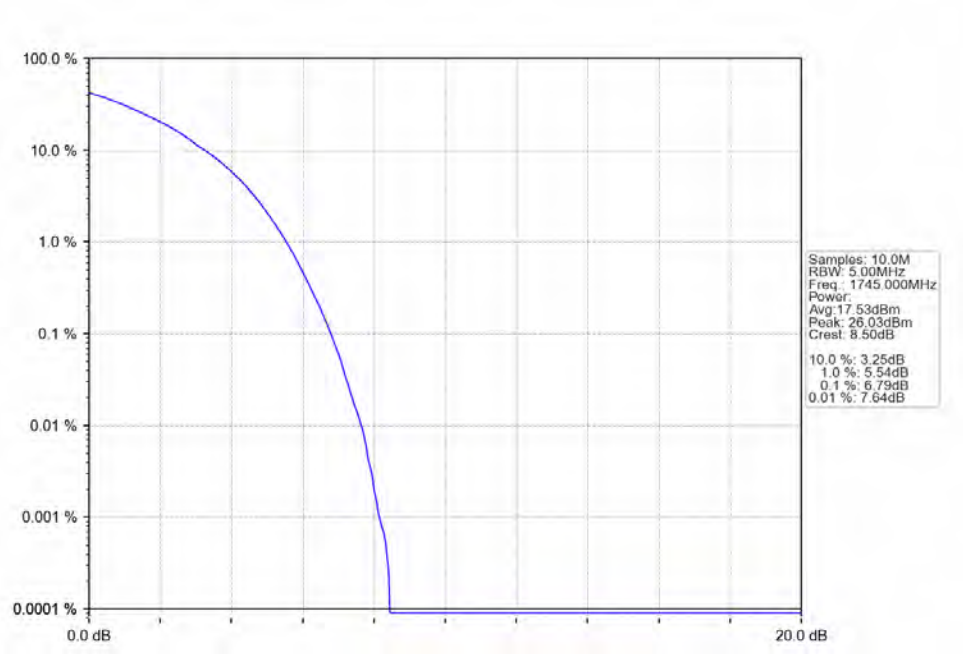
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



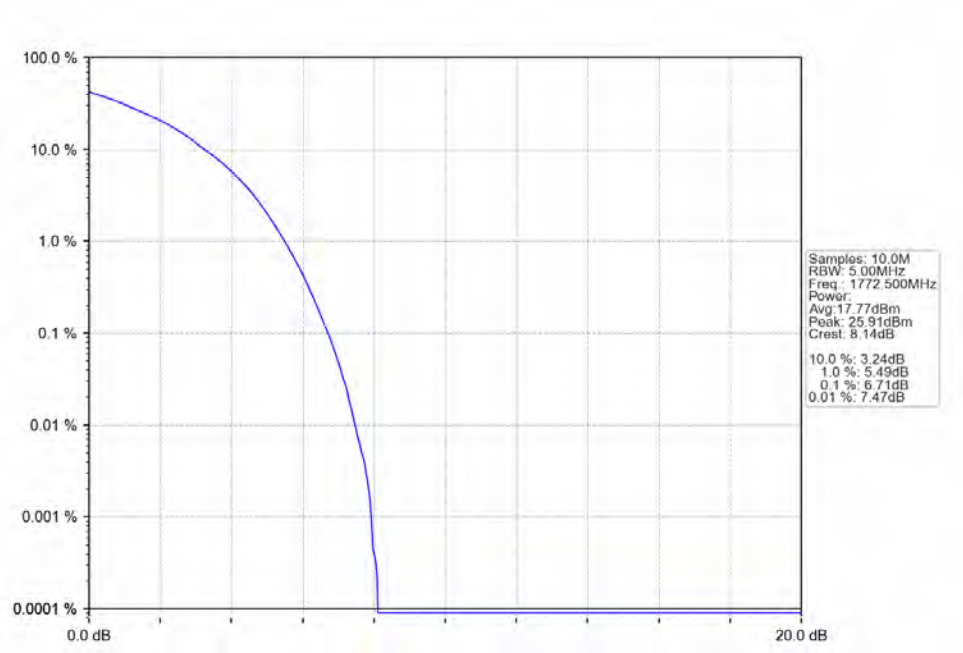
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



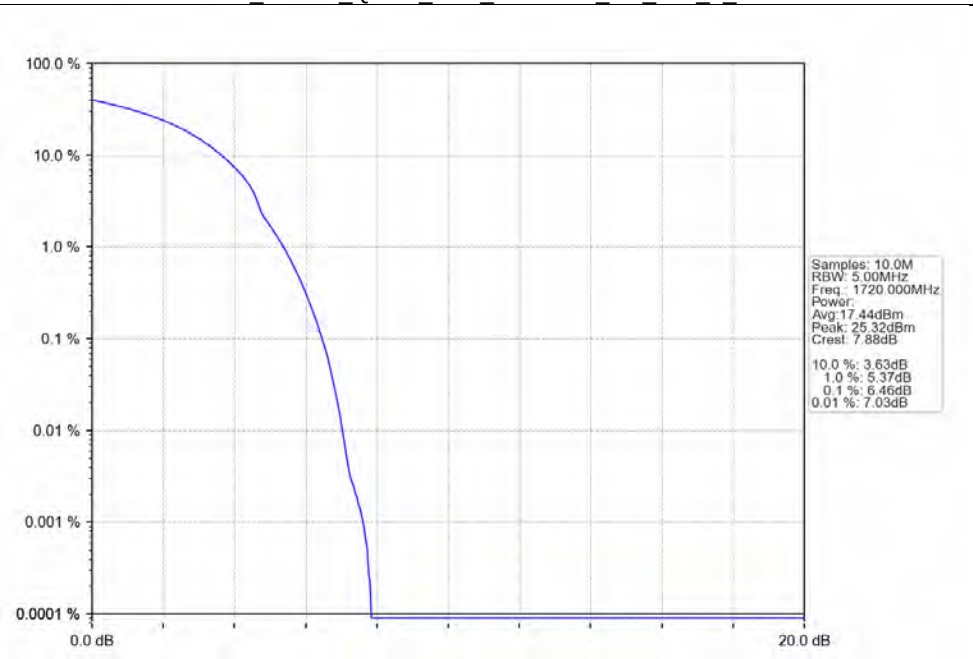
5.6 B66_20MHz

5.6.1 Test Result

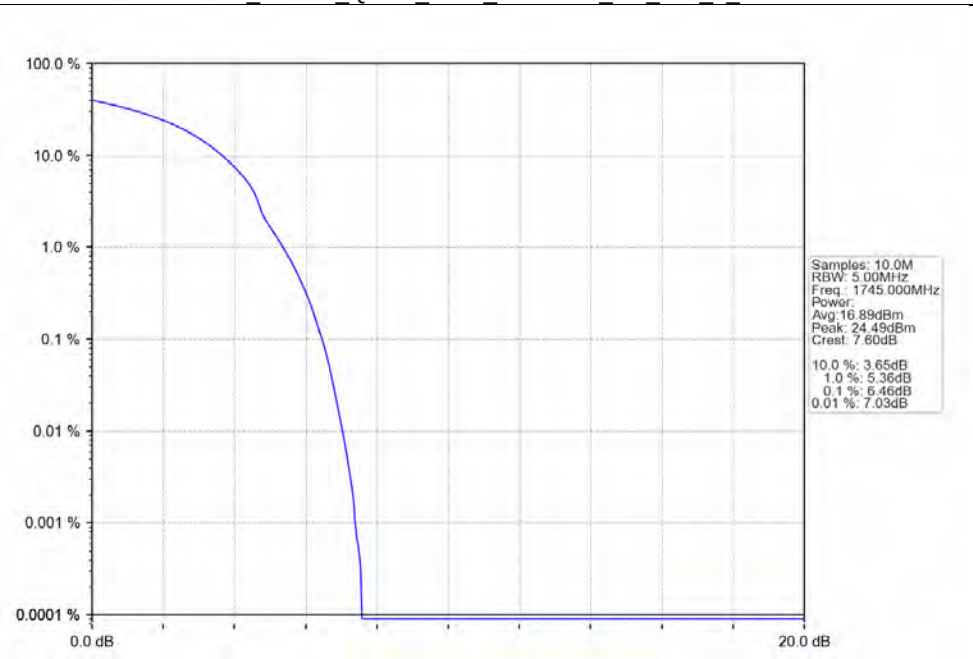
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	6.46	<=13	Pass
	1745	100	0	6.46	<=13	Pass
	1770	100	0	6.46	<=13	Pass
16QAM	1720	100	0	7.16	<=13	Pass
	1745	100	0	7.20	<=13	Pass
	1770	100	0	7.05	<=13	Pass

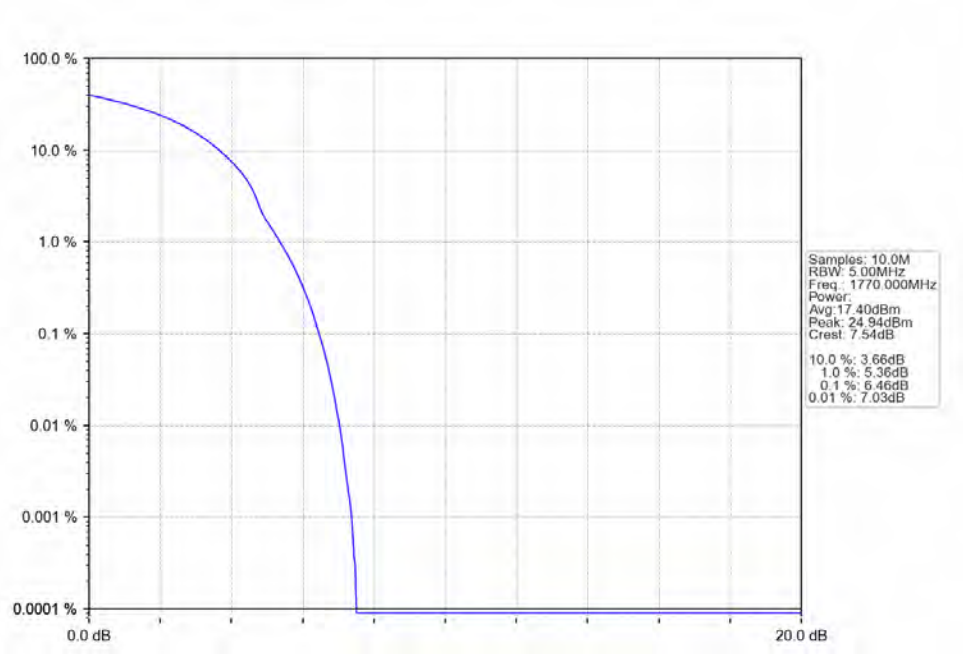
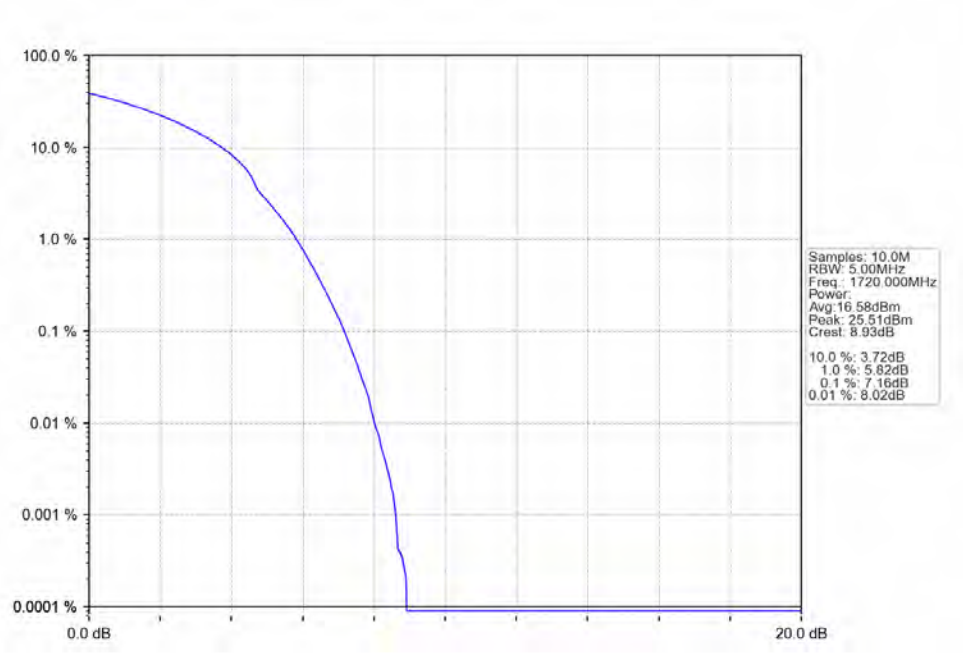
5.6.2 Test Graph

Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

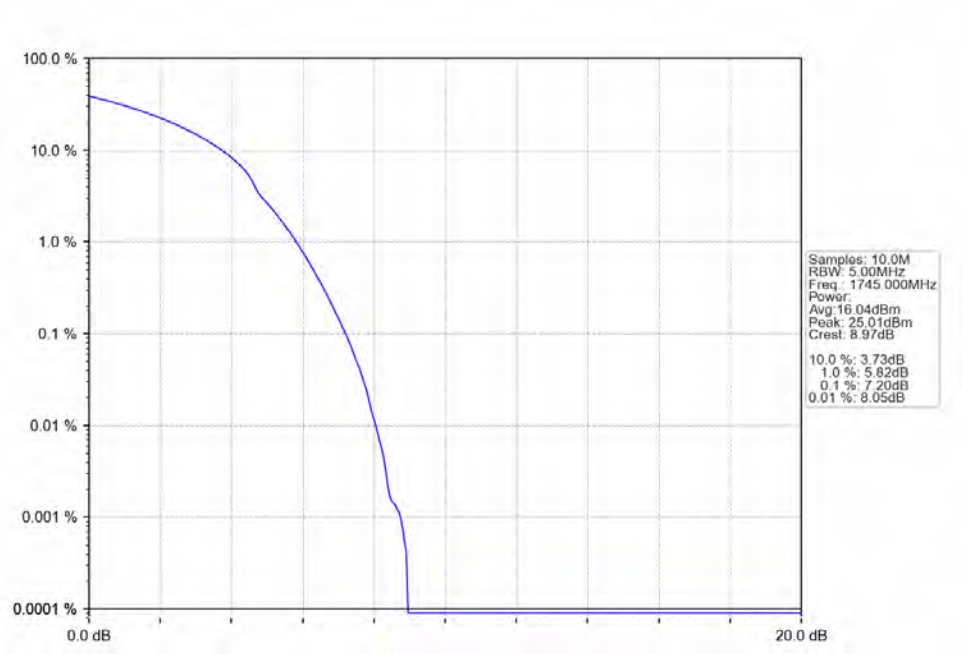


Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

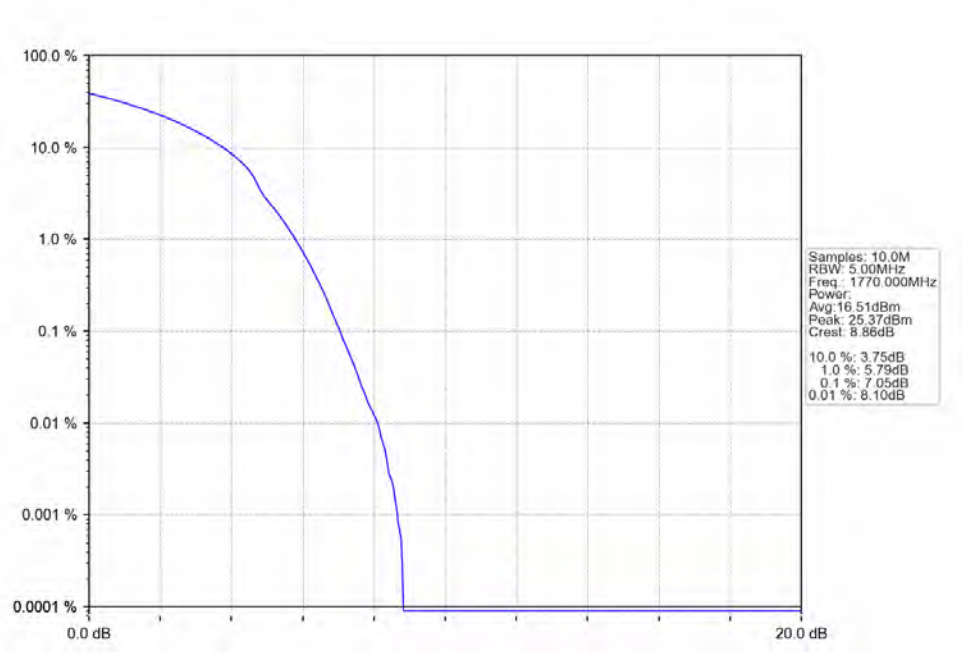


Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV

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

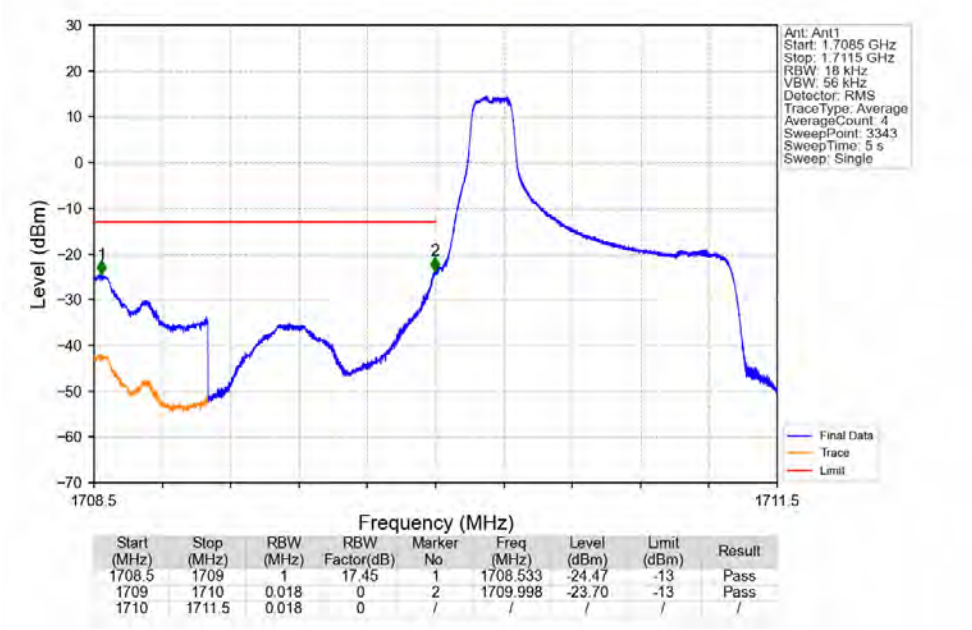
6.1 B66_1.4MHz

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

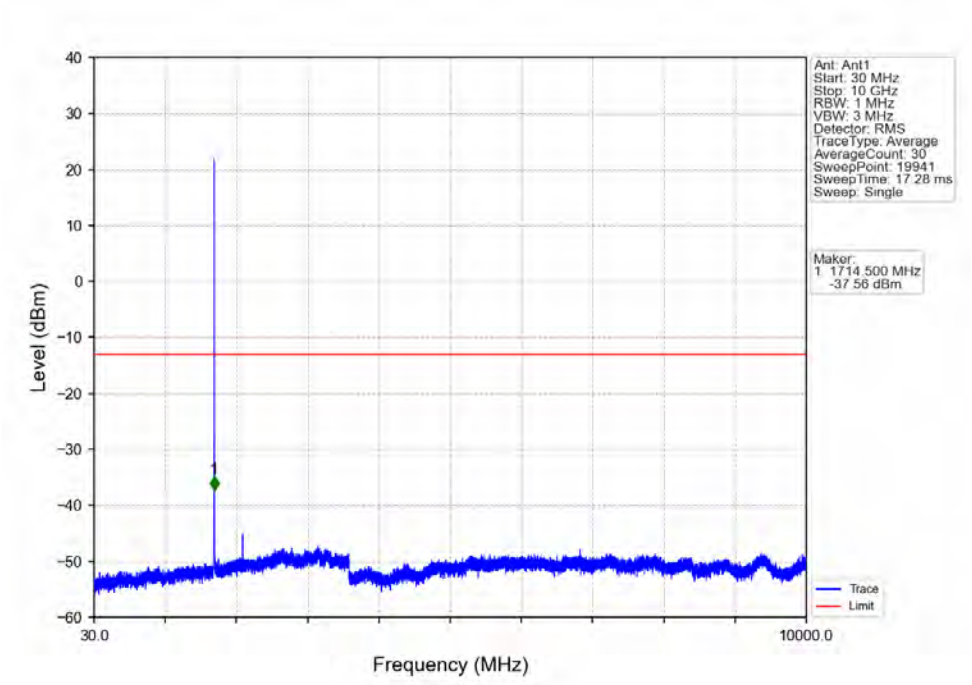
6.1.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

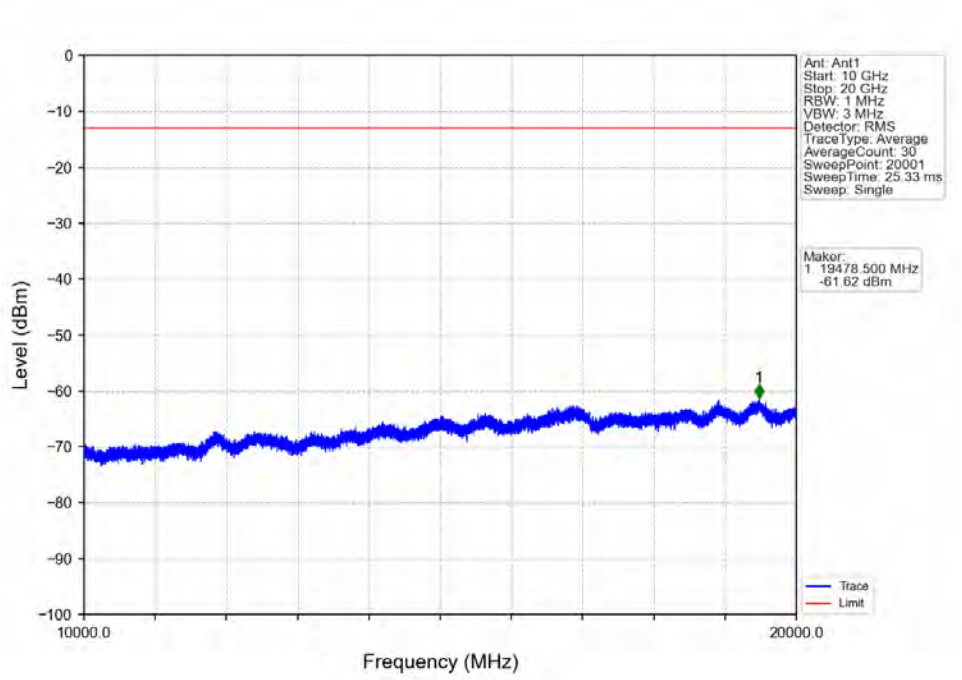


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	17.45	1	1708.533	-24.47	-13	Pass
1709	1710	0.018	0	2	1709.998	-23.70	-13	Pass
1710	1711.5	0.018	0	/	/	/	/	/

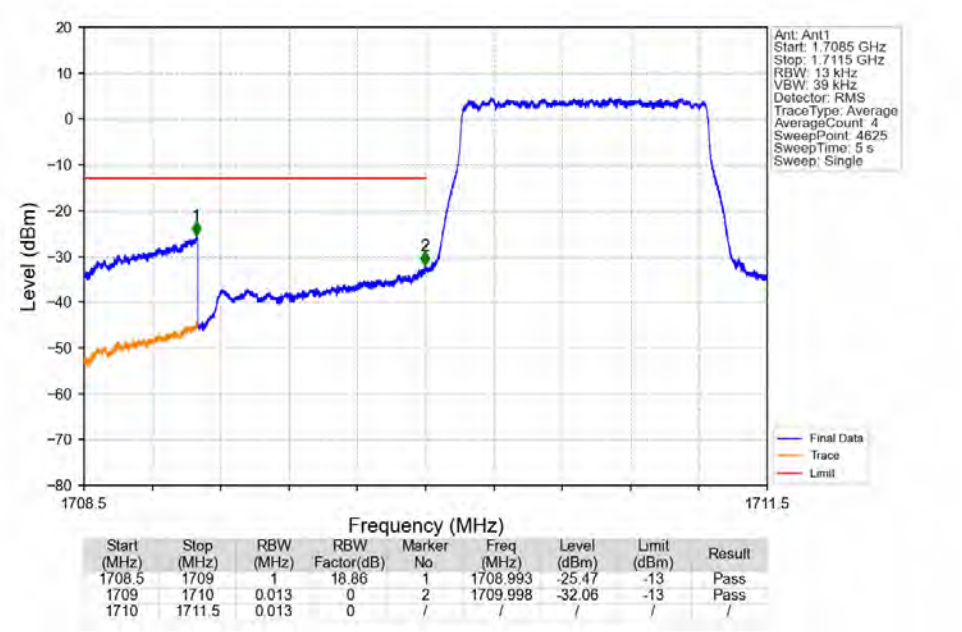
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



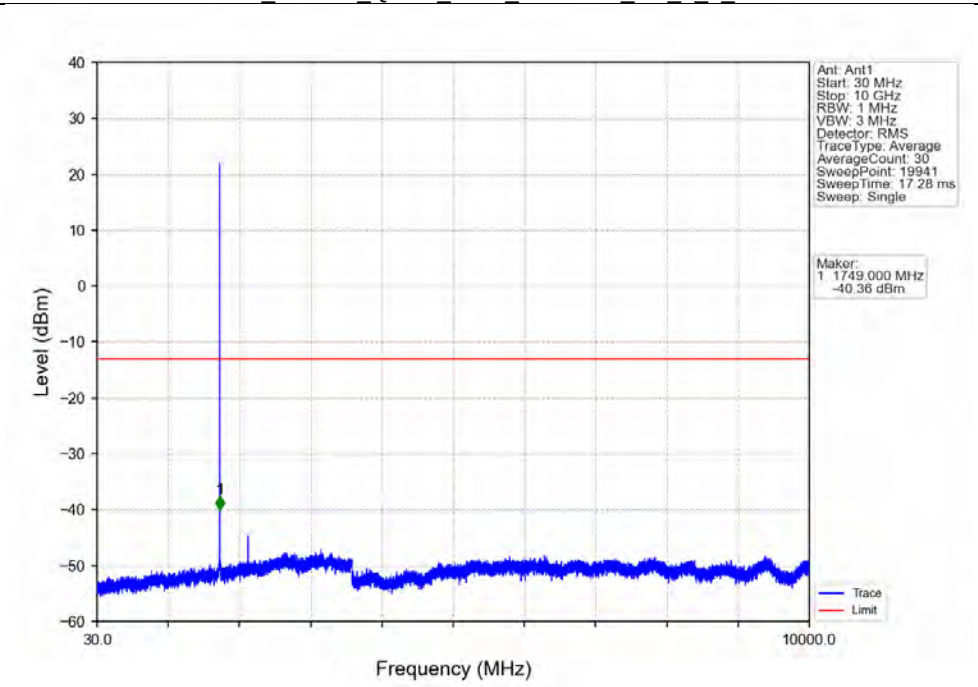
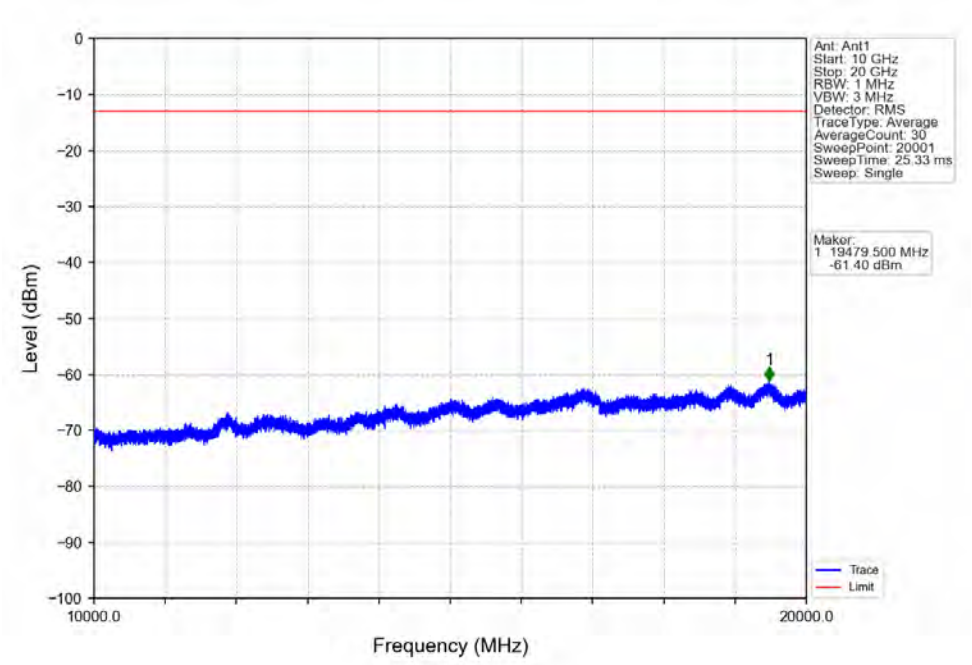
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

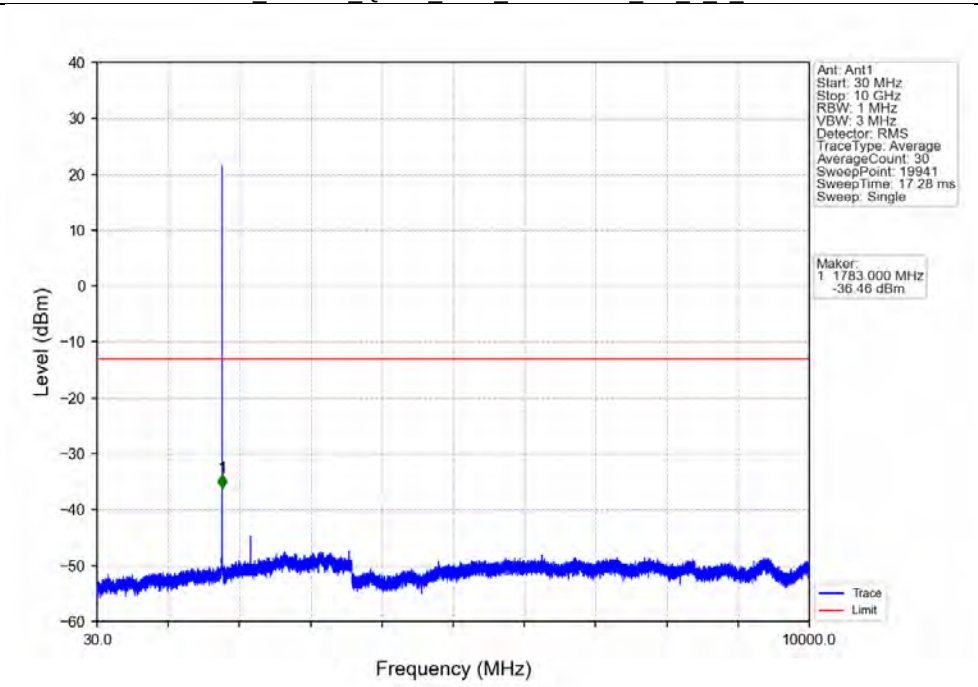
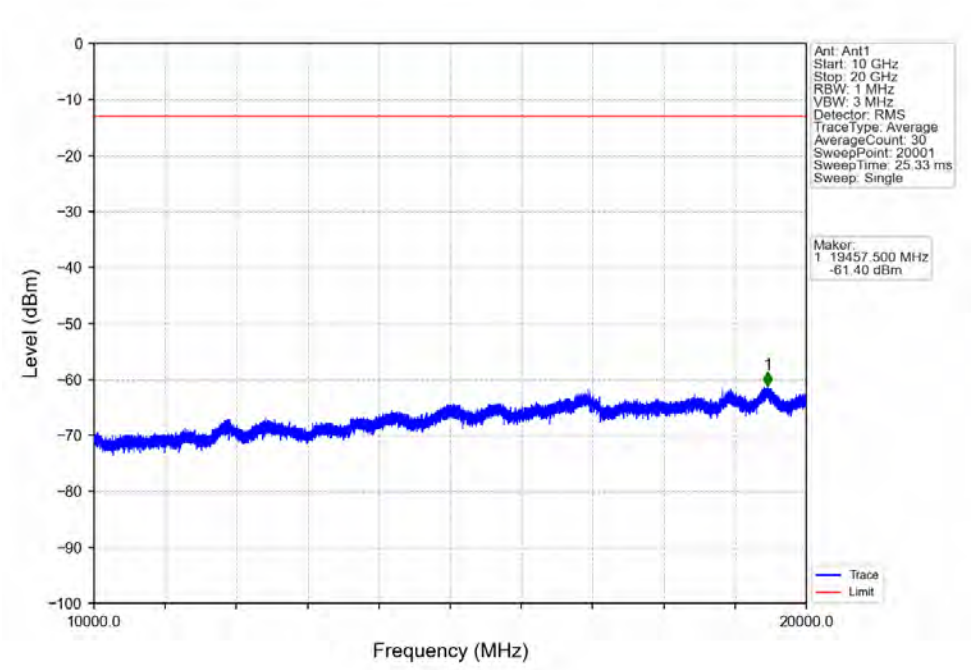


Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

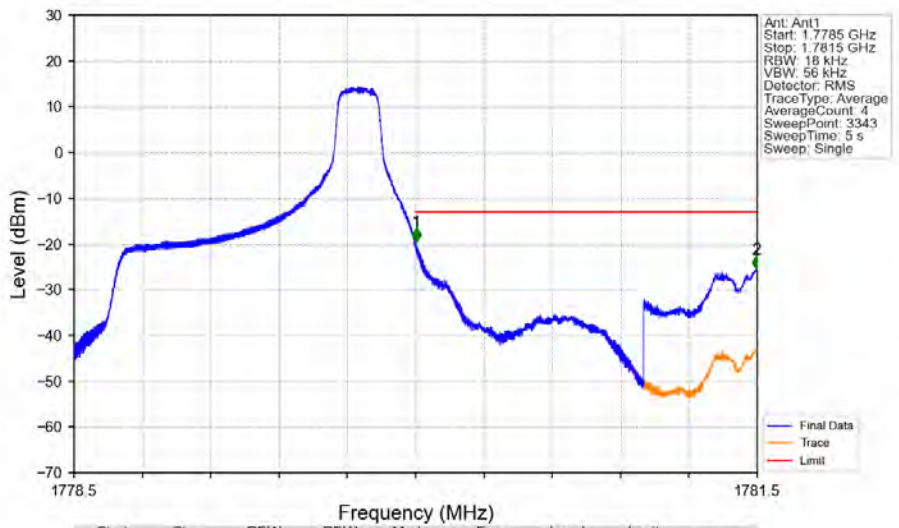


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	18.86	1	1708.993	-25.47	-13	Pass
1709	1710	0.013	0	2	1709.998	-32.06	-13	Pass
1710	1711.5	0.013	0	/	/	/	/	/

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV


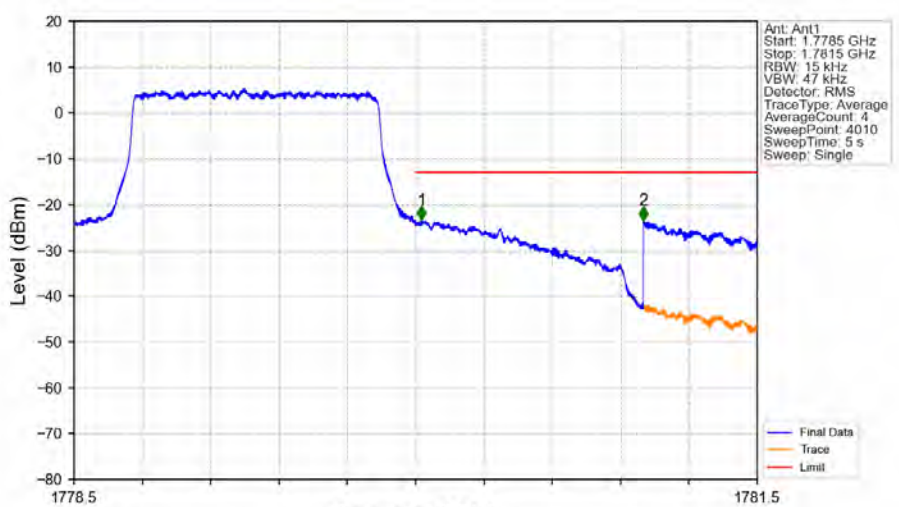
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV

Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_5_NTNV



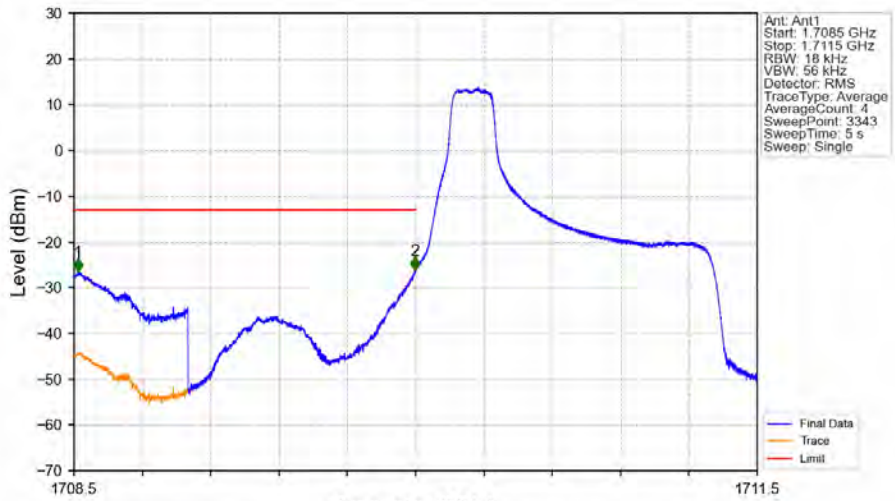
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.018	0	/	/	/	/	/
1780	1781	0.018	0	1	1780.002	-19.61	-13	Pass
1781	1781.5	1	17.45	2	1781.498	-25.54	-13	Pass

Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



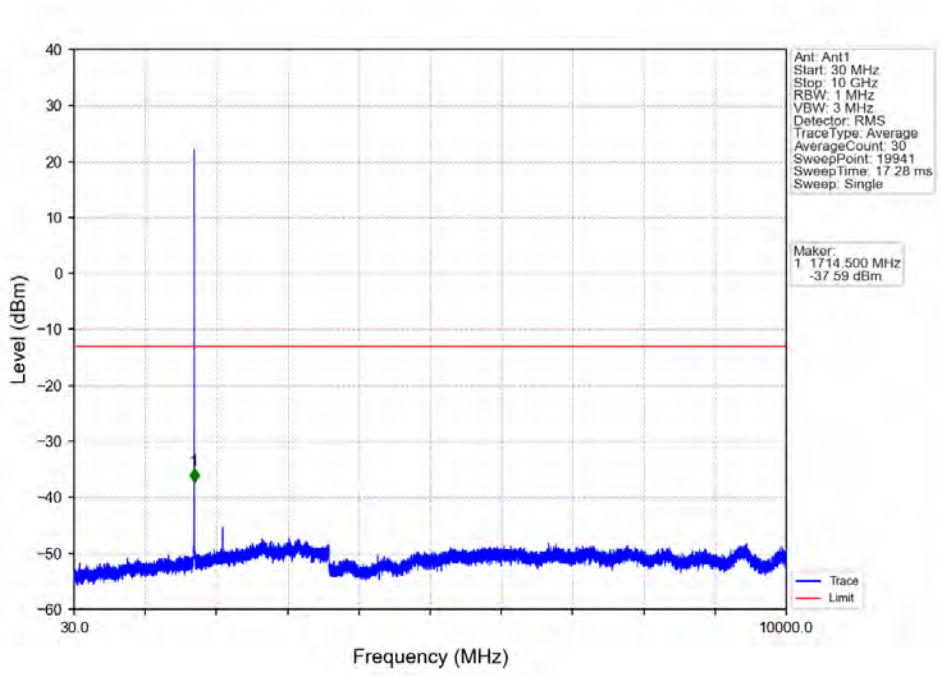
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.015	0	/	/	/	/	/
1780	1781	0.015	0	1	1780.026	-23.34	-13	Pass
1781	1781.5	1	18.24	2	1781.000	-23.49	-13	Pass

Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

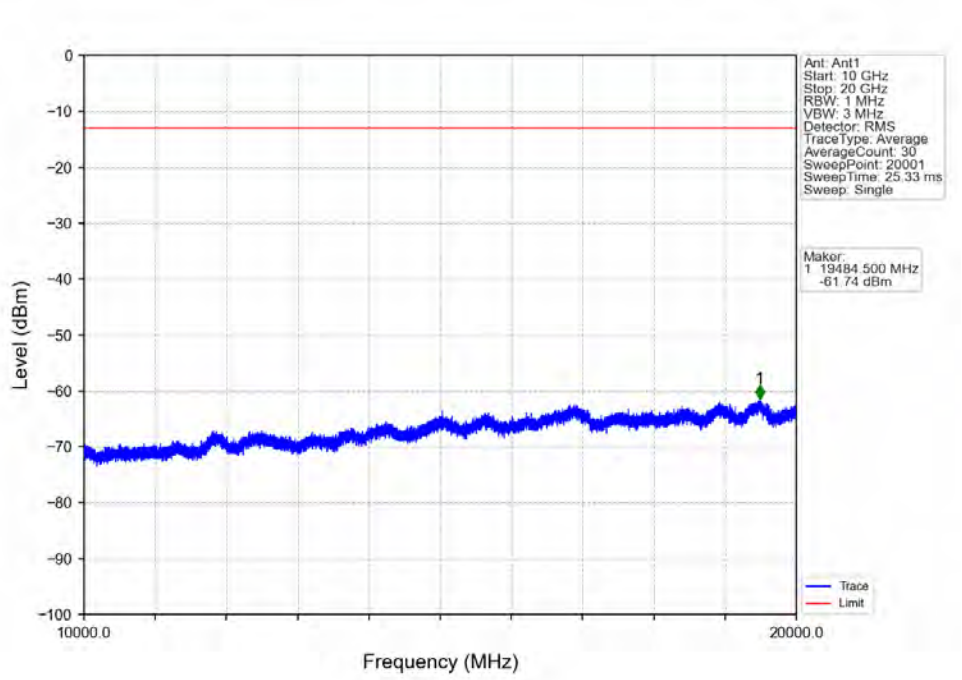


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	17.45	1	1708.517	-26.66	-13	Pass
1709	1710	0.018	0	2	1709.997	-26.32	-13	Pass
1710	1711.5	0.018	0	/	/	/	/	/

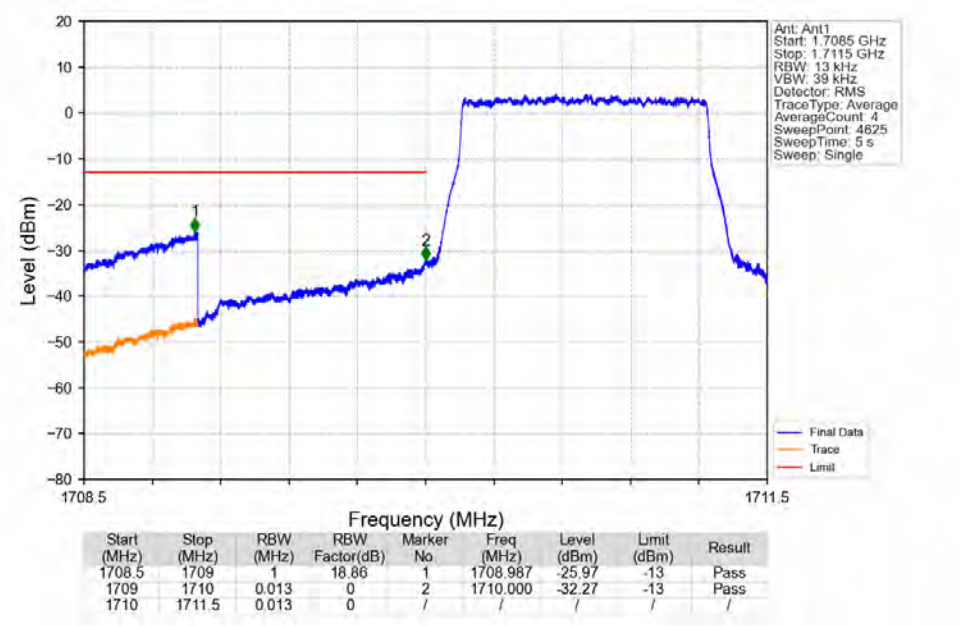
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



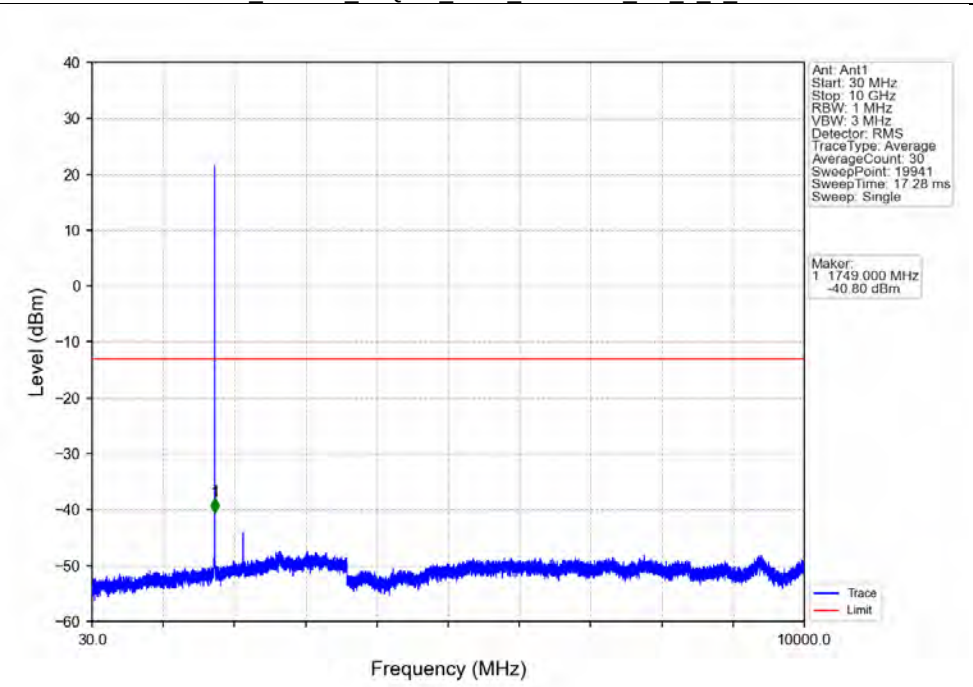
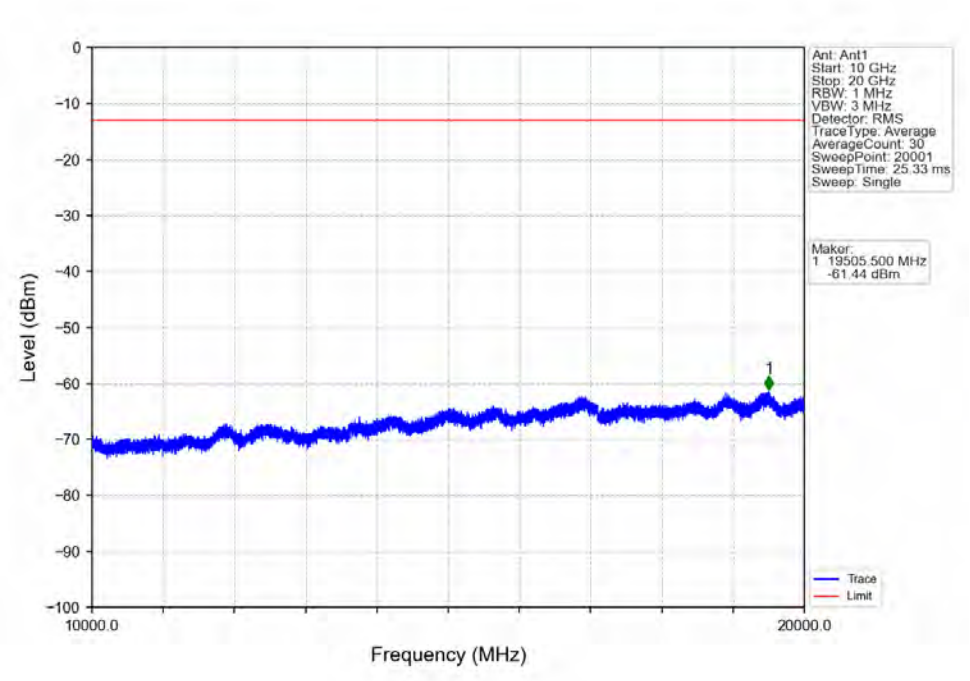
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

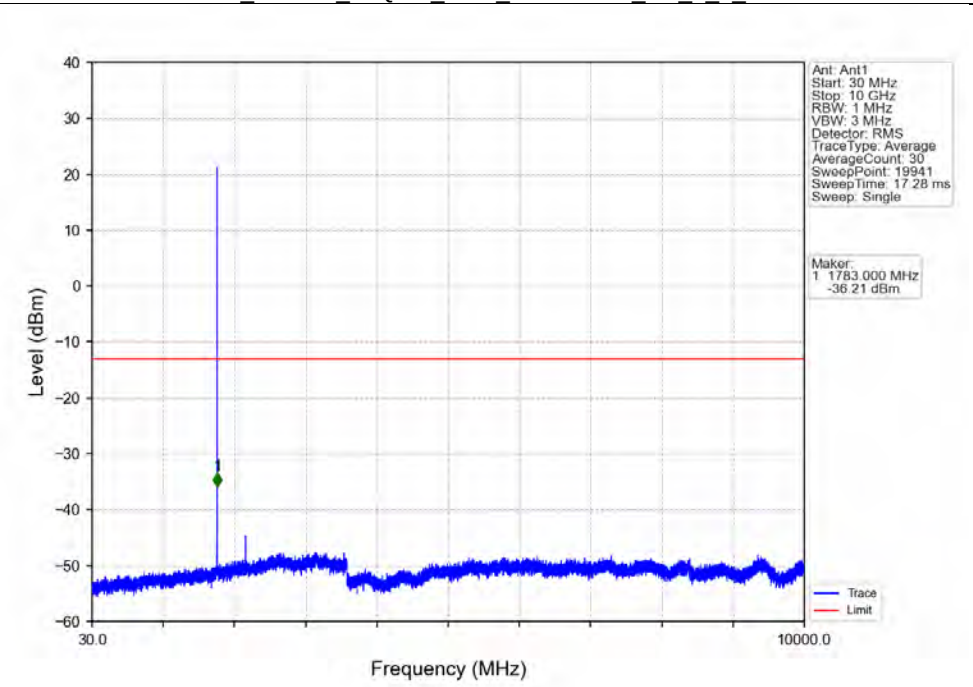
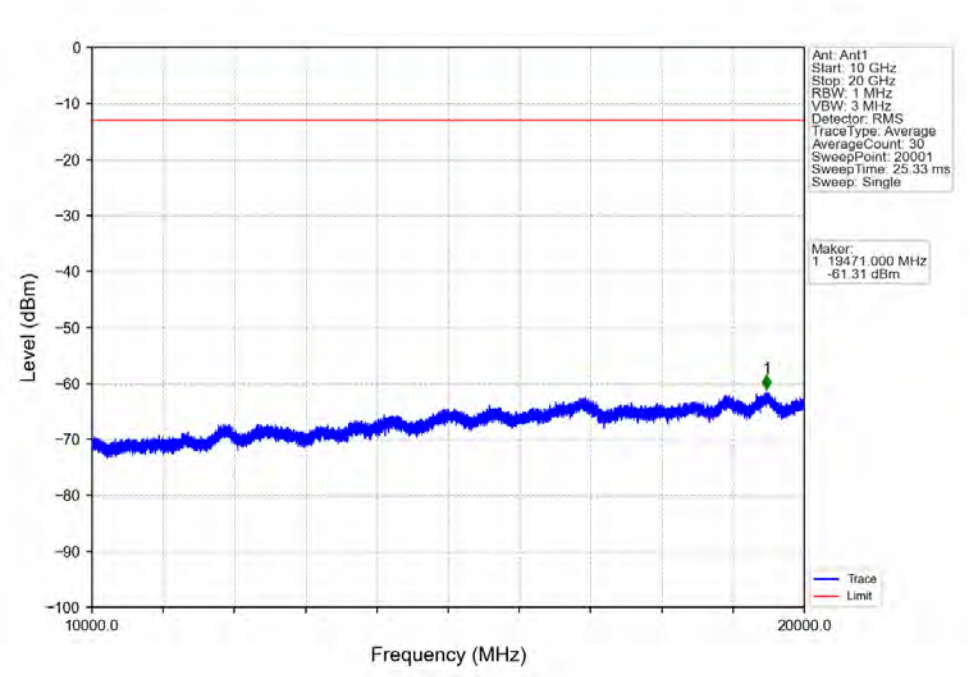


Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

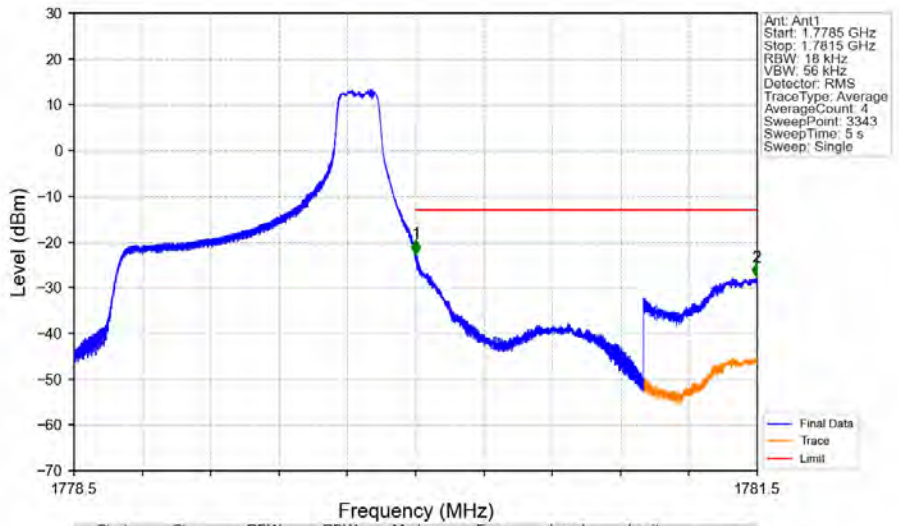


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	18.86	1	1708.987	-25.97	-13	Pass
1709	1710	0.013	0	2	1710.000	-32.27	-13	Pass
1710	1711.5	0.013	0	/	/	/	/	/

Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV


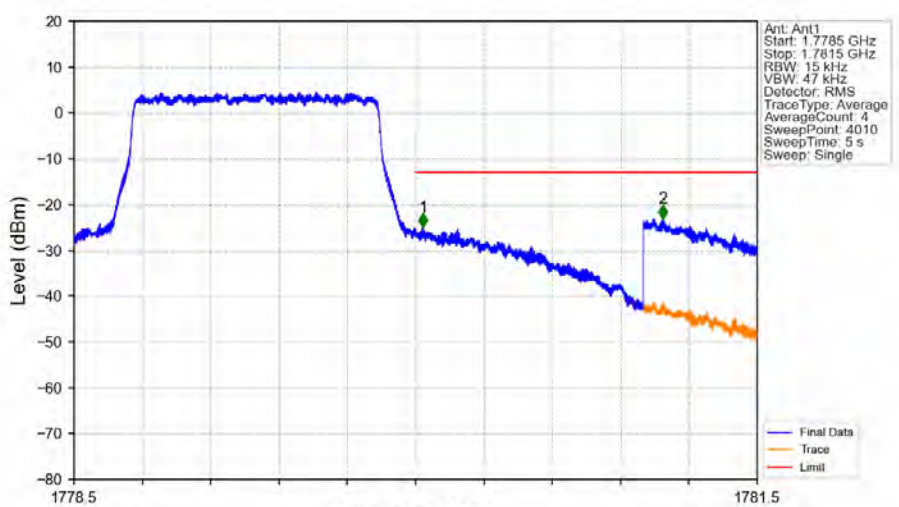
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV

Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV


Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.018	0	/	/	/	/	/
1780	1781	0.018	0	1	1780.001	-22.65	-13	Pass
1781	1781.5	1	17.45	2	1781.498	-27.69	-13	Pass

Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.015	0	/	/	/	/	/
1780	1781	0.015	0	1	1780.033	-24.99	-13	Pass
1781	1781.5	1	18.24	2	1781.086	-23.12	-13	Pass

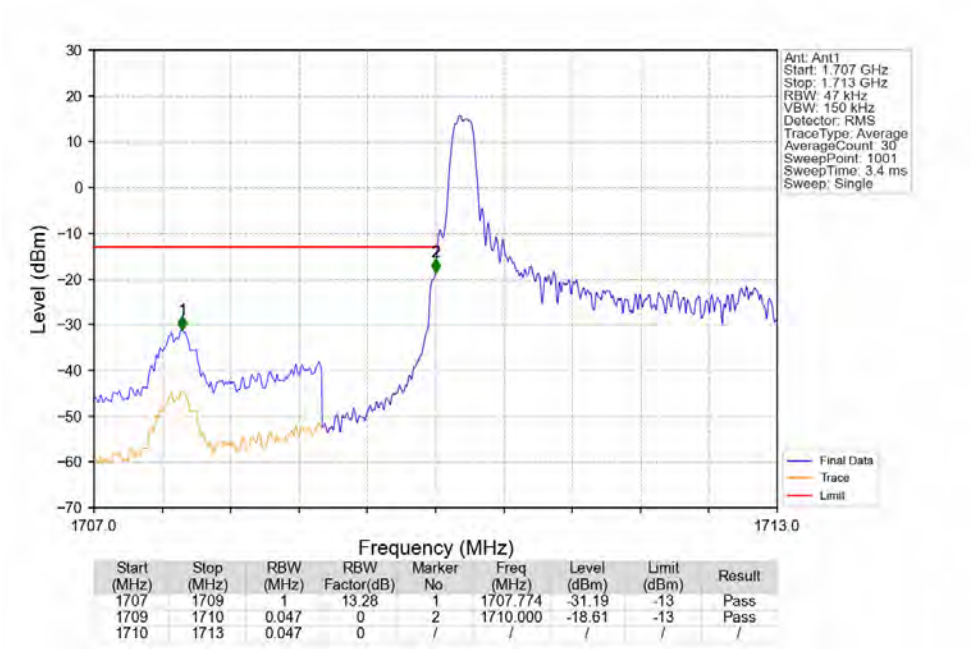
6.2 B66_3MHz

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

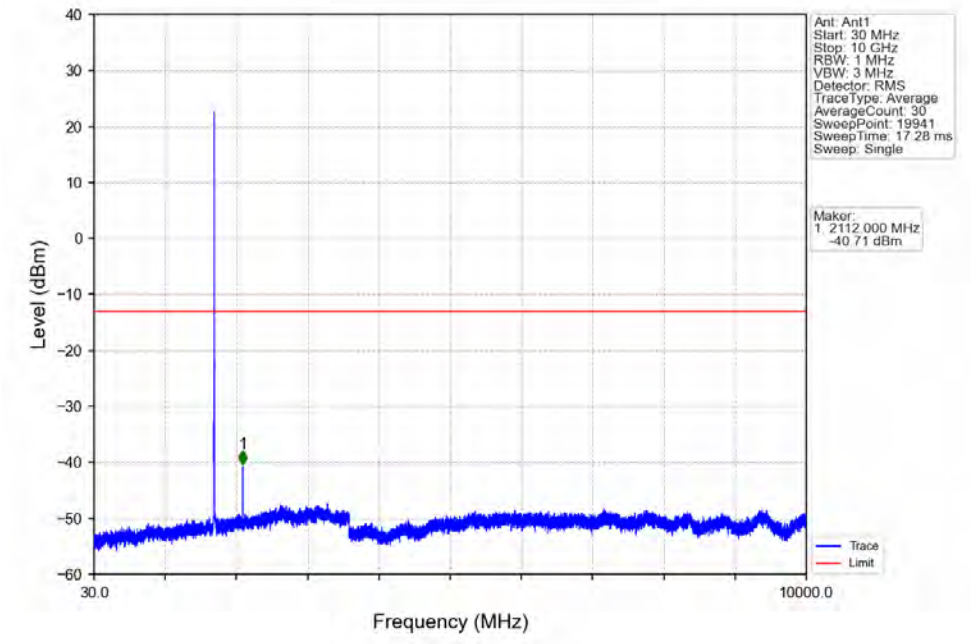
6.2.2 Test Graph

Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

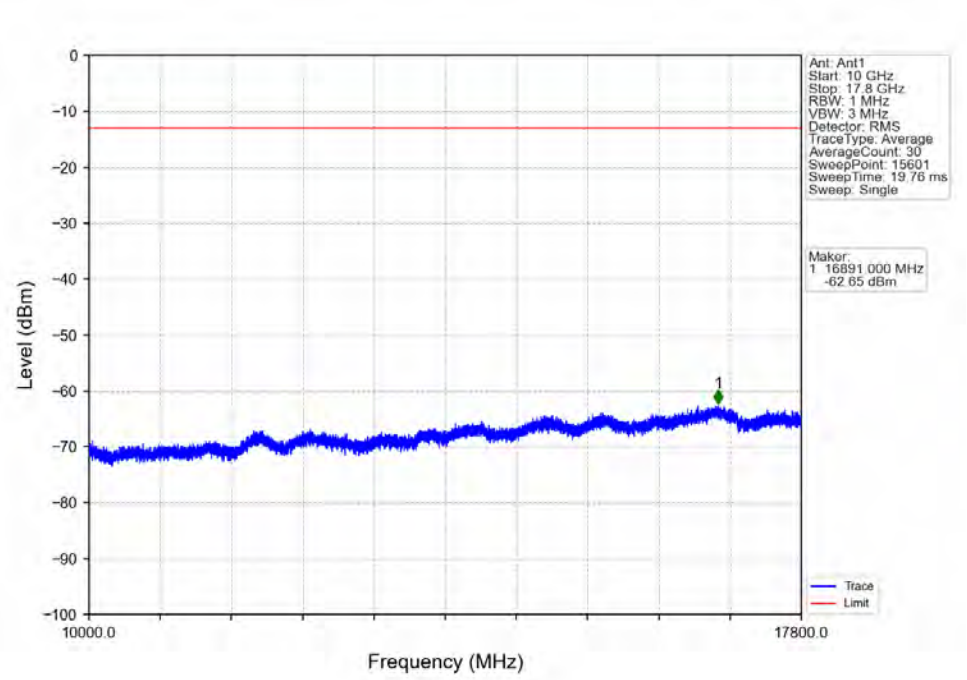


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	13.28	1	1707.774	-31.19	-13	Pass
1709	1710	0.047	0	2	1710.000	-18.61	-13	Pass
1710	1713	0.047	0	/	/	/	/	/

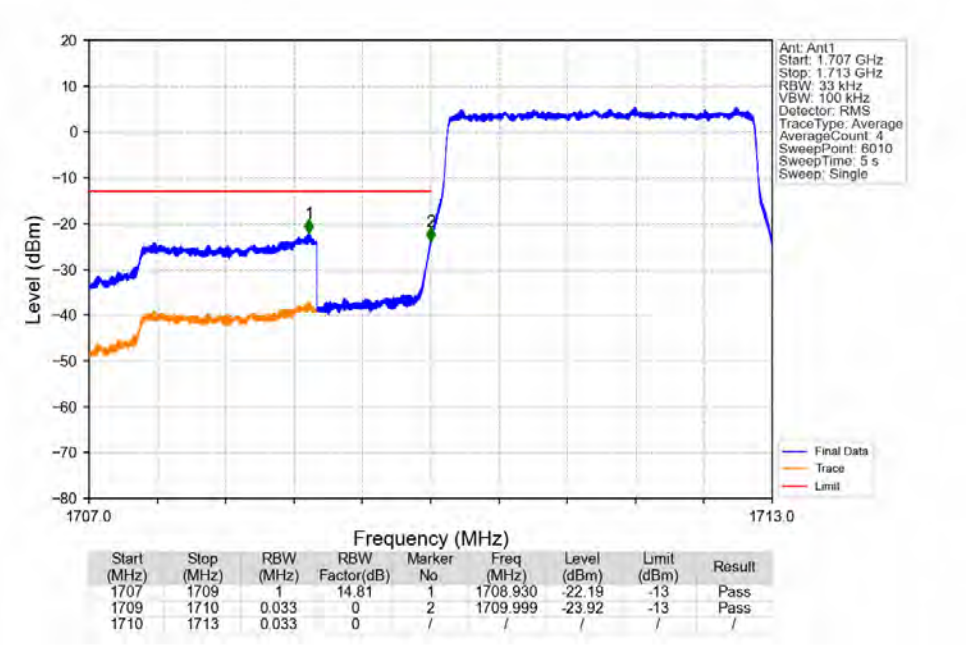
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



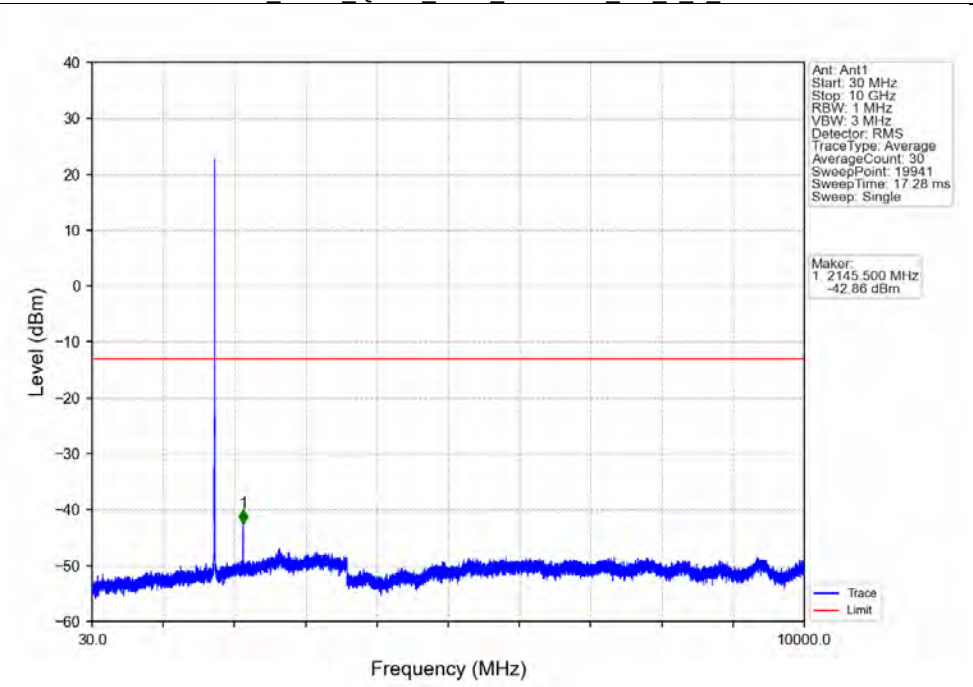
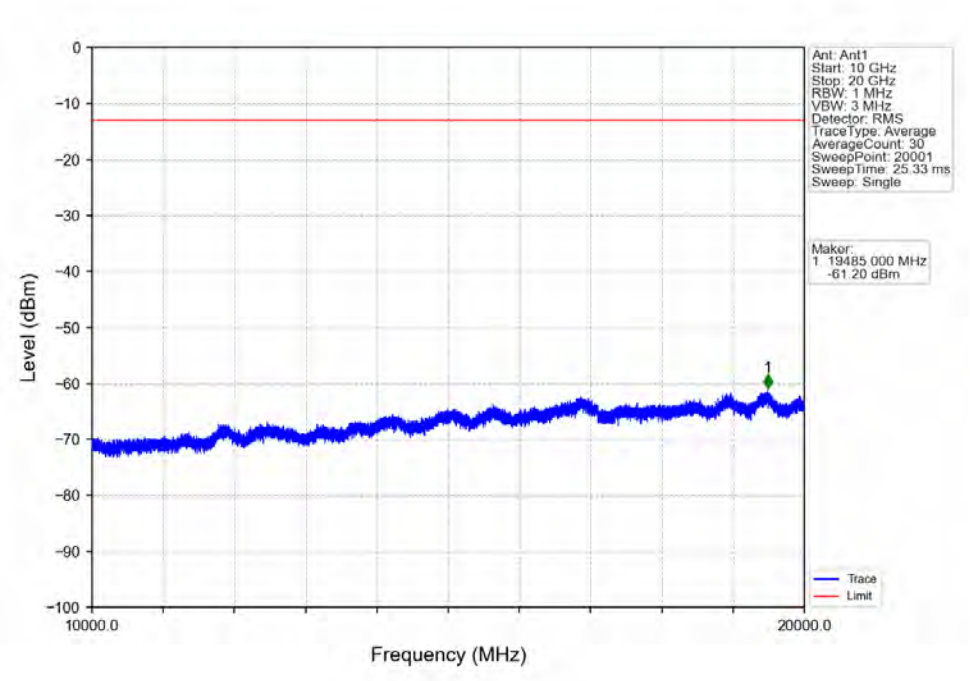
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

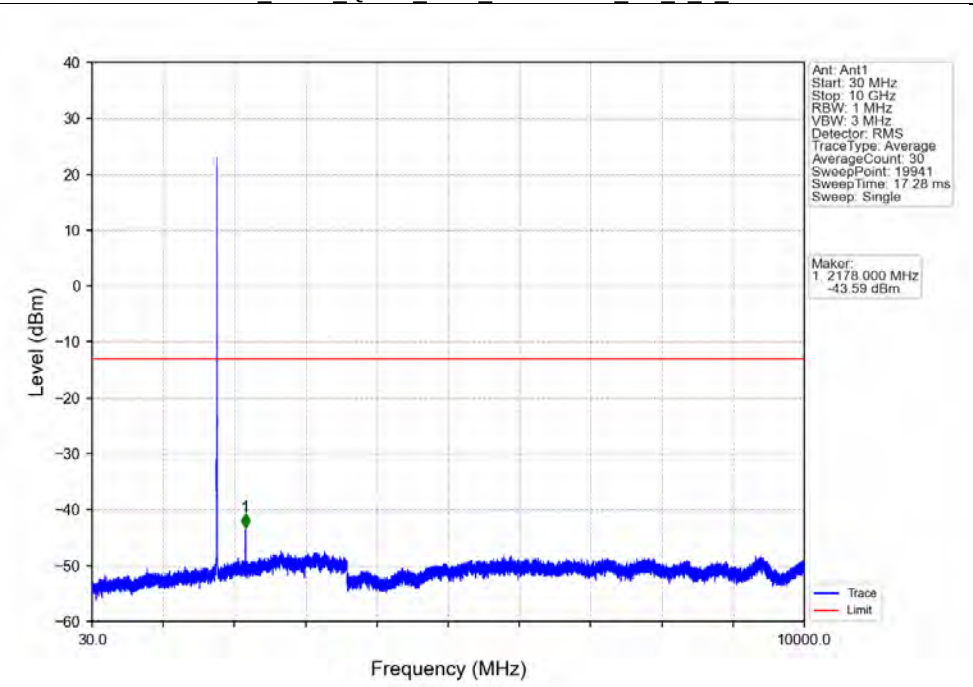
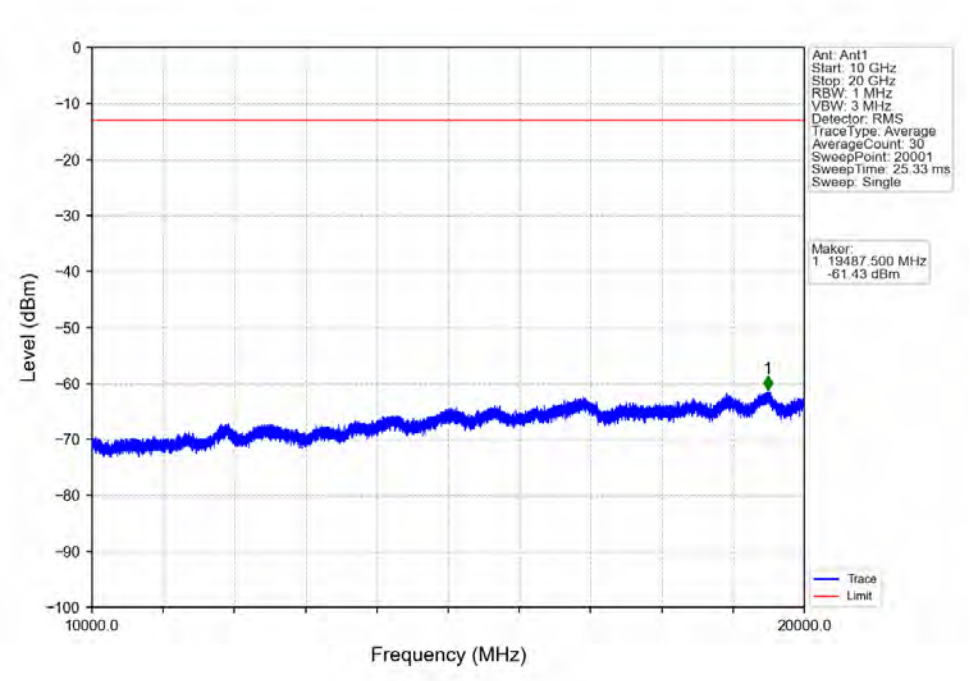


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

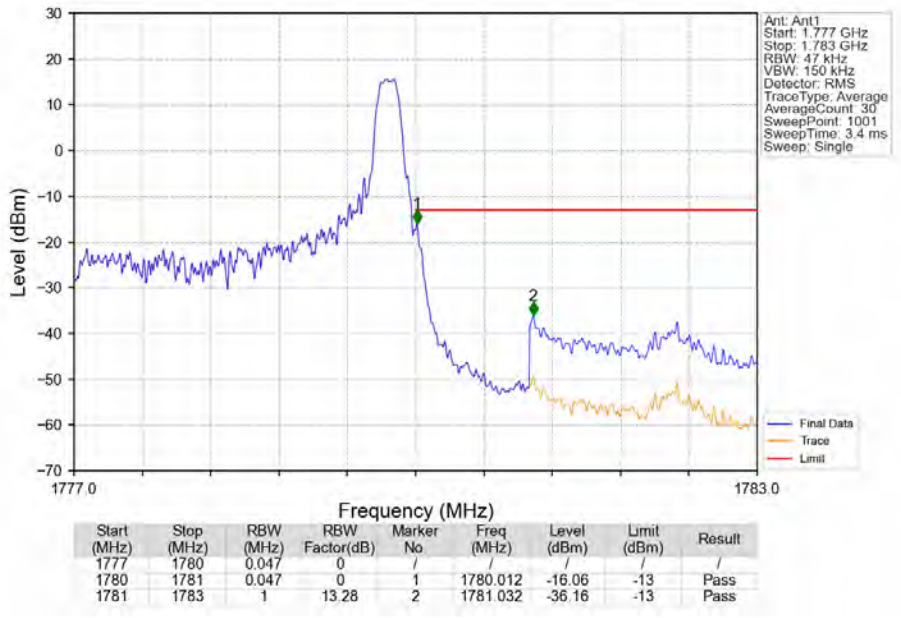


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	14.81	1	1708.930	-22.19	-13	Pass
1709	1710	0.033	0	2	1709.999	-23.92	-13	Pass
1710	1713	0.033	0	/	/	/	/	/

Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV


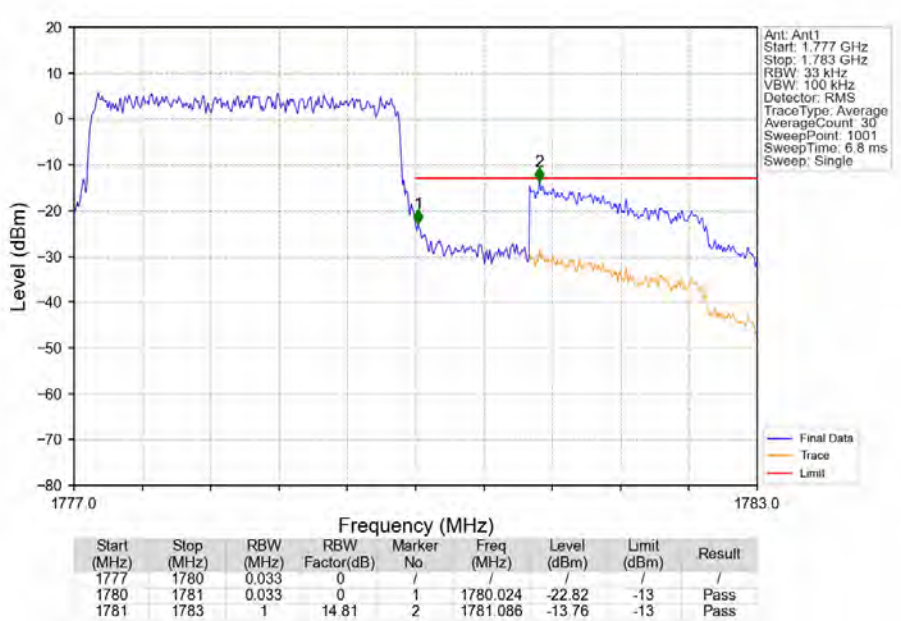
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



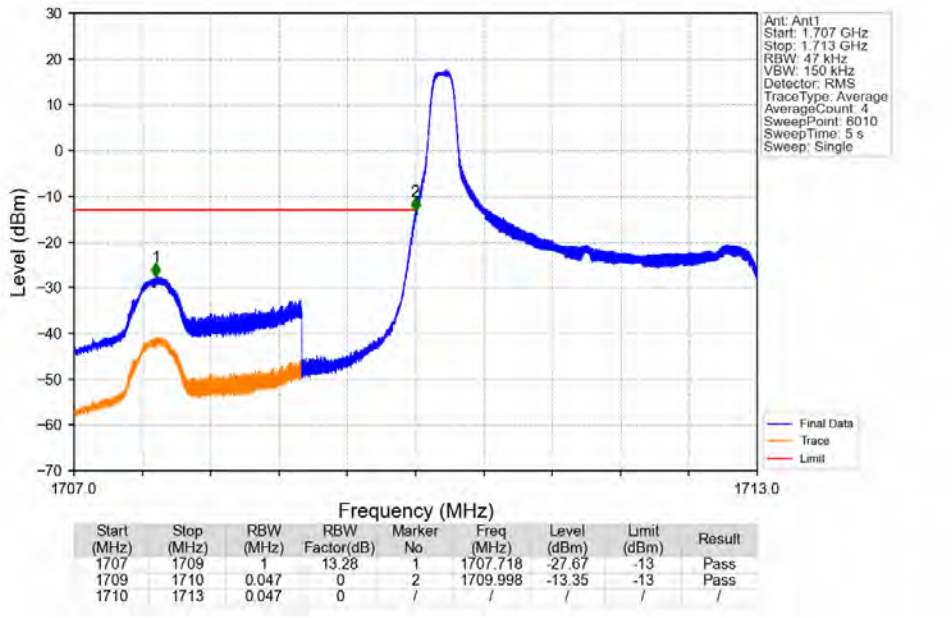
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.047	0	/	/	/	/	/
1780	1781	0.047	0	1	1780.012	-16.06	-13	Pass
1781	1783	1	13.28	2	1781.032	-36.16	-13	Pass

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



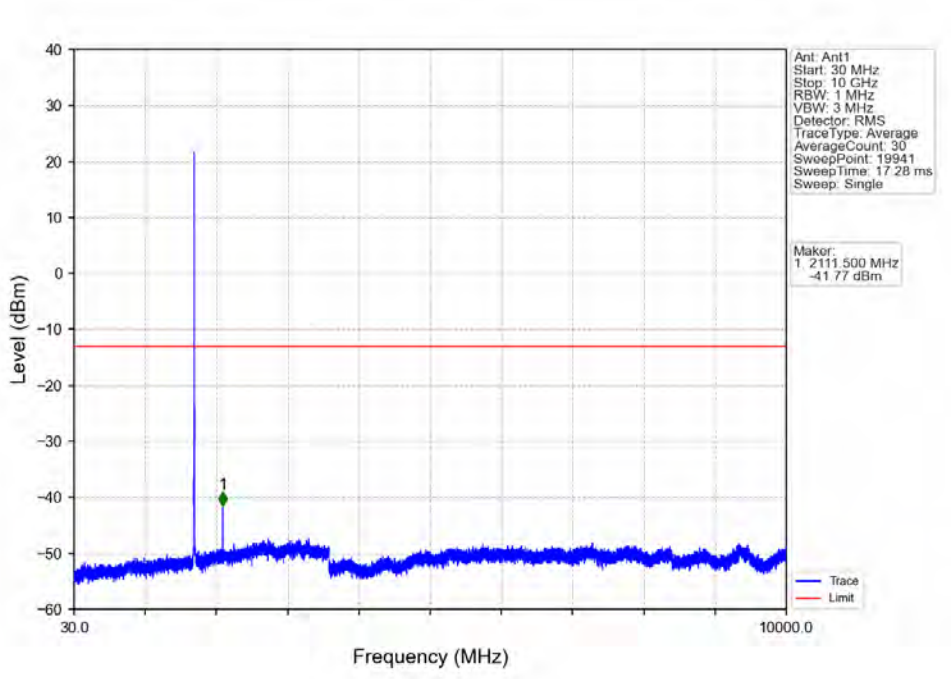
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.033	0	/	/	/	/	/
1780	1781	0.033	0	1	1780.024	-22.82	-13	Pass
1781	1783	1	14.81	2	1781.086	-13.76	-13	Pass

Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

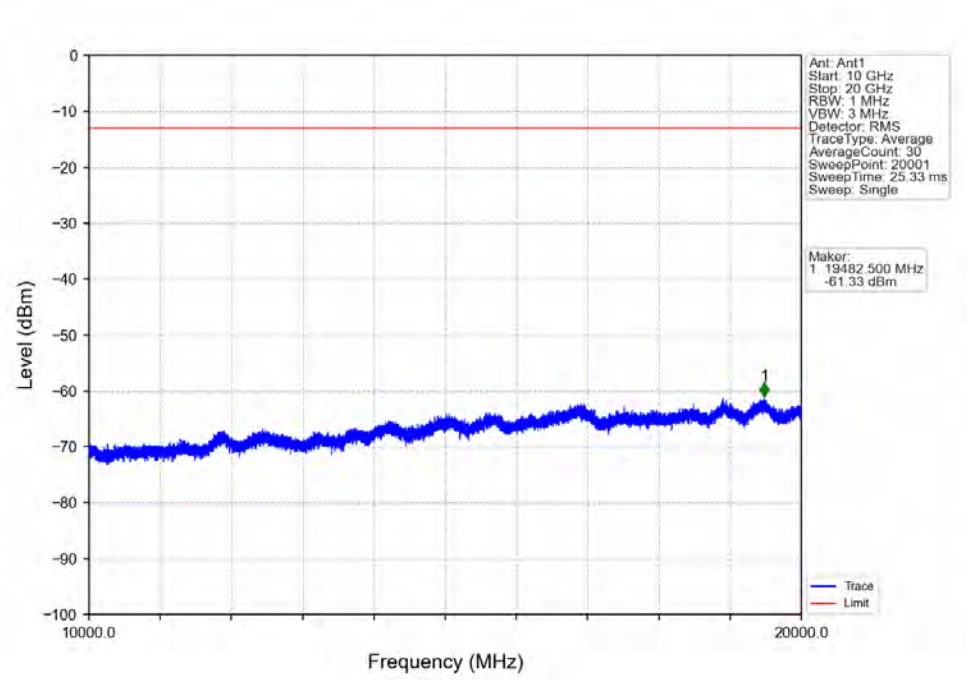


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	13.28	1	1707.718	-27.67	-13	Pass
1709	1710	0.047	0	2	1709.998	-13.35	-13	Pass
1710	1713	0.047	0	/	/	/	/	/

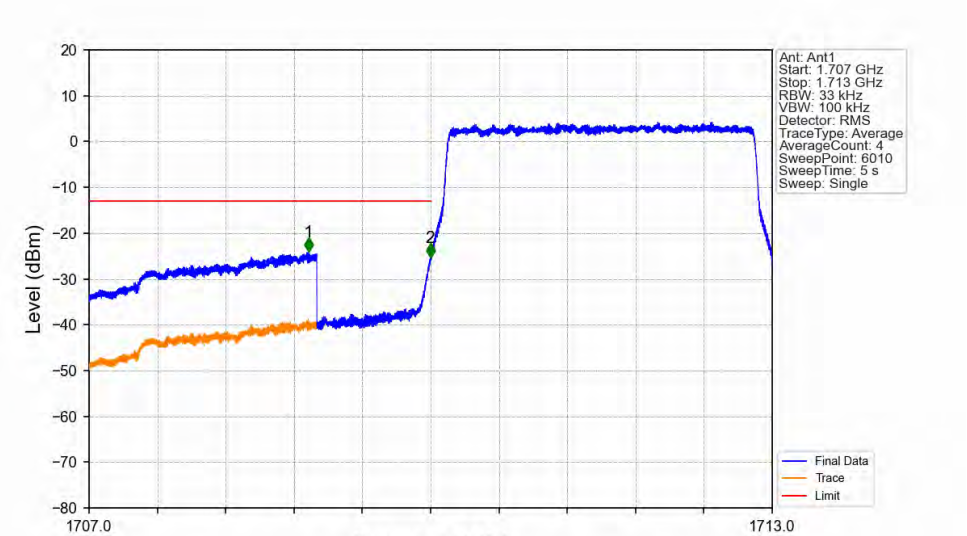
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



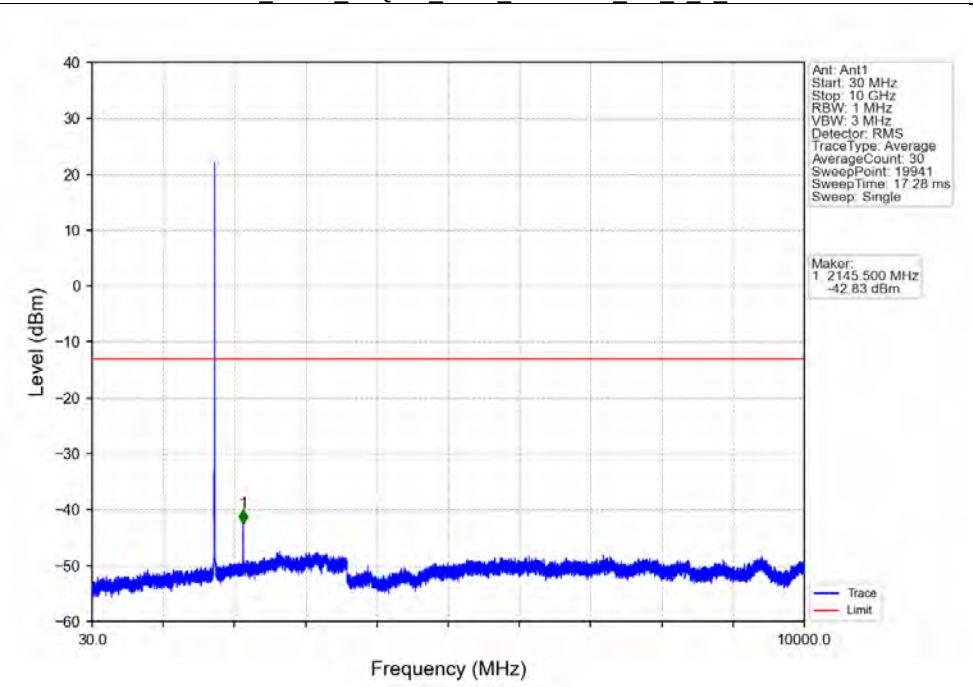
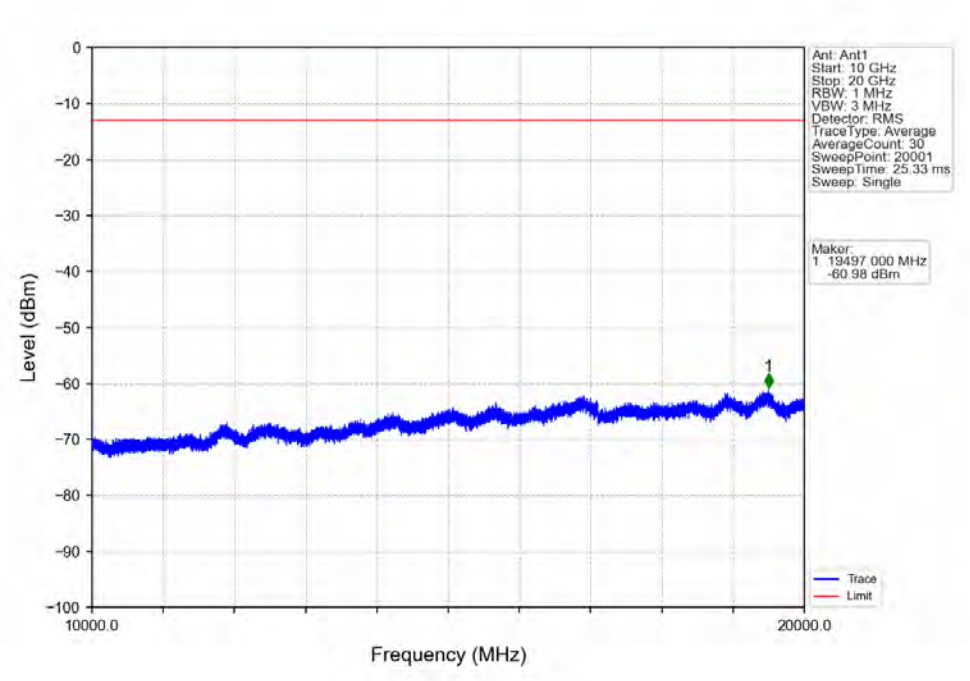
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

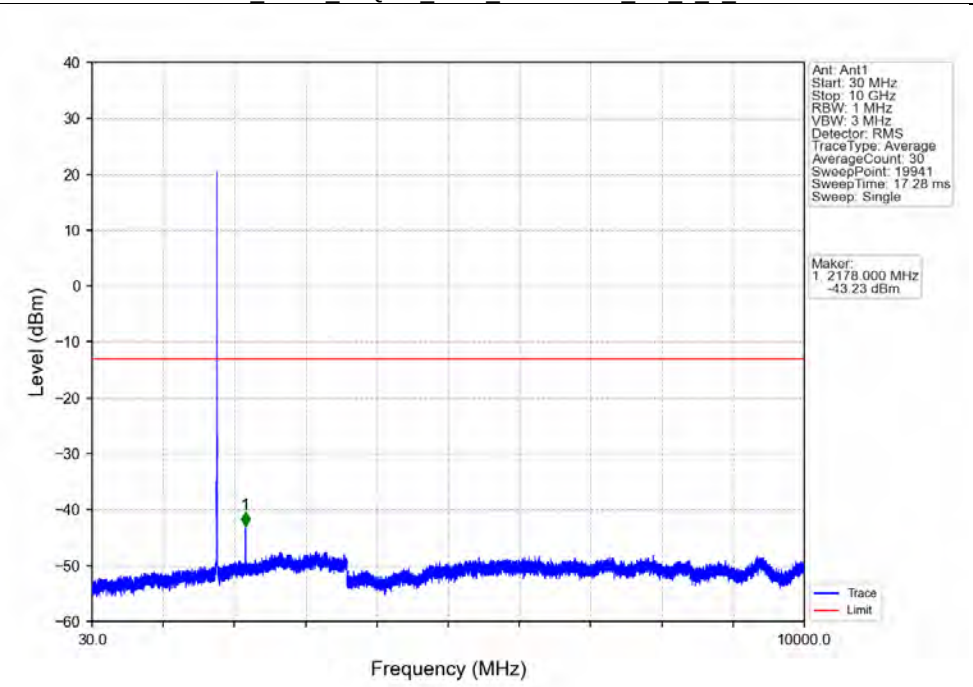
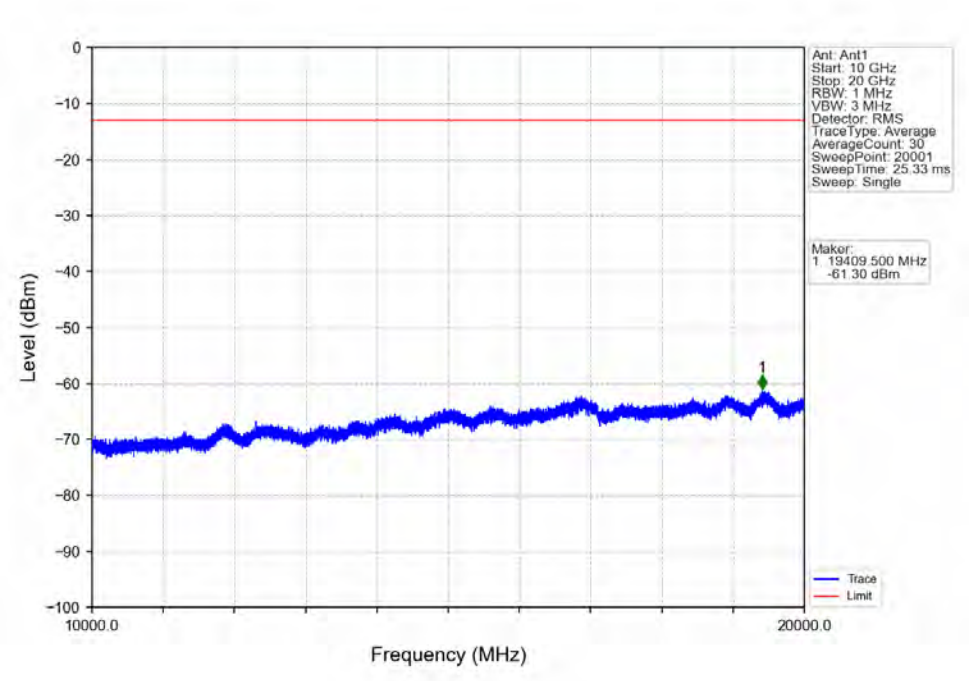


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

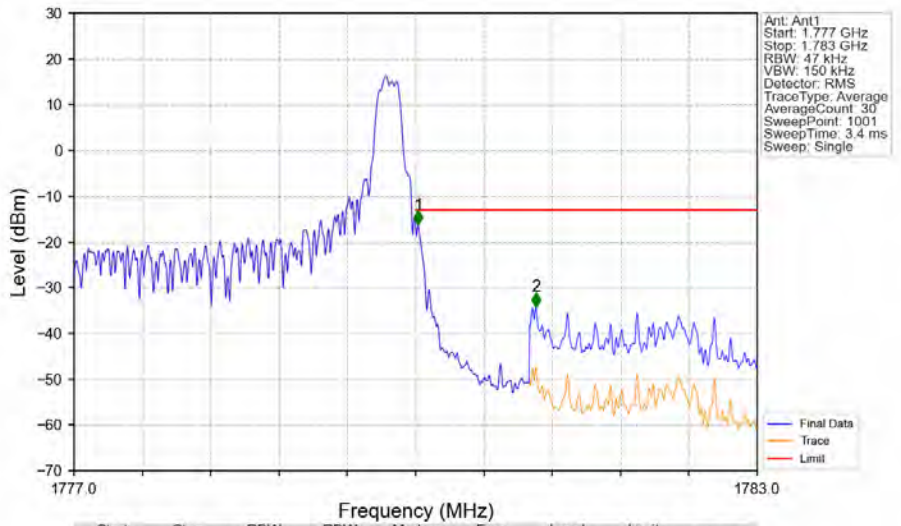


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	14.81	1	1708.926	-24.06	-13	Pass
1709	1710	0.033	0	2	1709.998	-25.28	-13	Pass
1710	1713	0.033	0	/	/	/	/	/

Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV


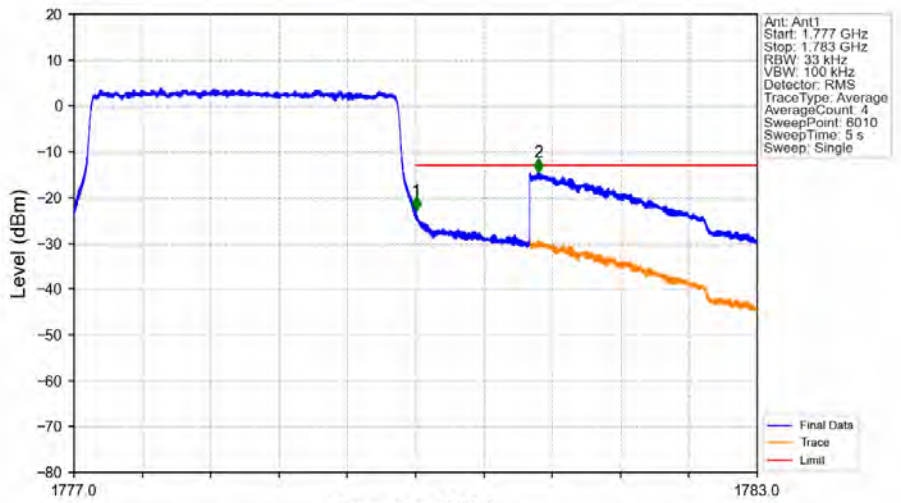
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV

Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV


Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.047	0	/	/	/	/	/
1780	1781	0.047	0	1	1780.024	-16.23	-13	Pass
1781	1783	1	13.28	2	1781.056	-34.12	-13	Pass

Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.033	0	/	/	/	/	/
1780	1781	0.033	0	1	1780.005	-22.92	-13	Pass
1781	1783	1	14.81	2	1781.081	-14.50	-13	Pass

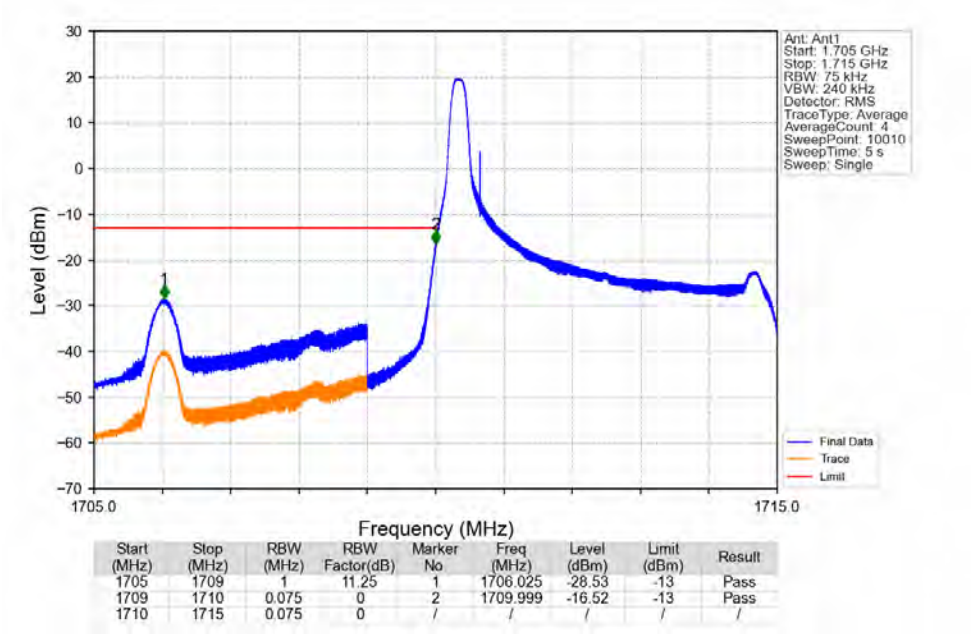
6.3 B66_5MHz

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

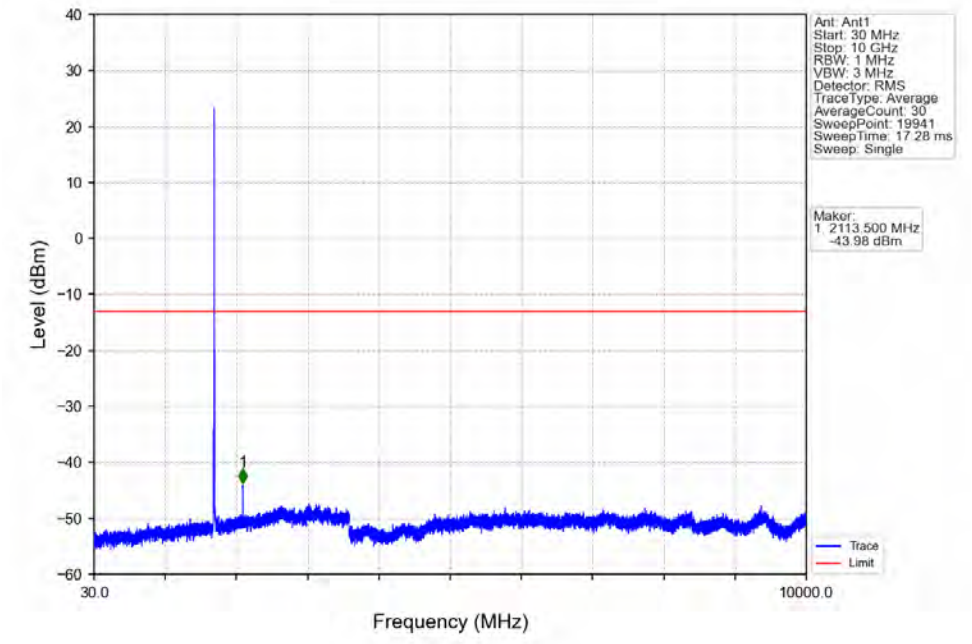
6.3.2 Test Graph

Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

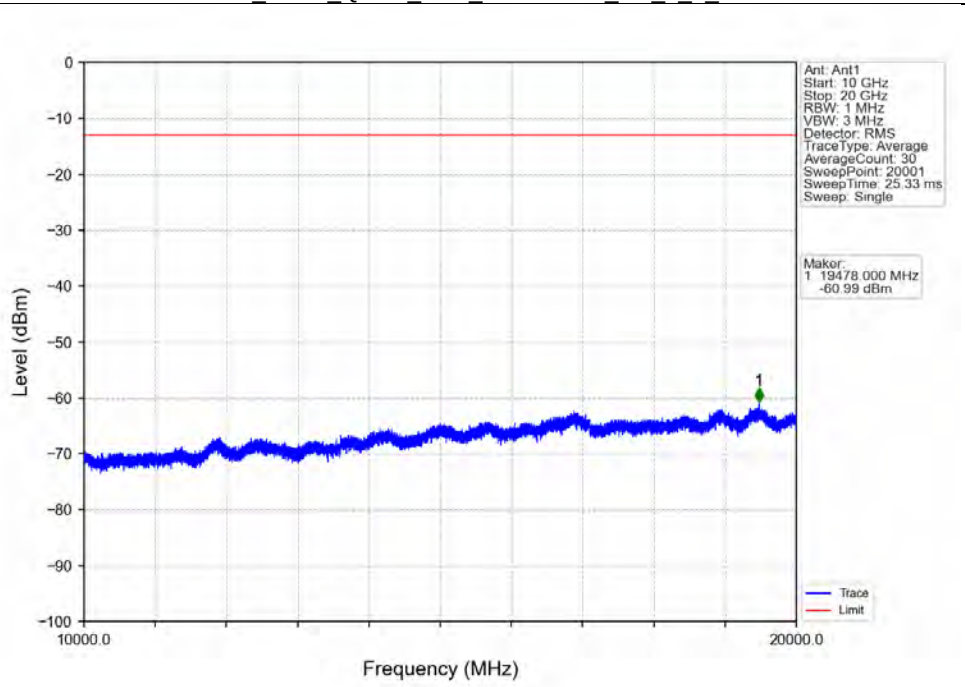


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	11.25	1	1706.025	-28.53	-13	Pass
1709	1710	0.075	0	2	1709.999	-16.52	-13	Pass
1710	1715	0.075	0	/	/	/	/	/

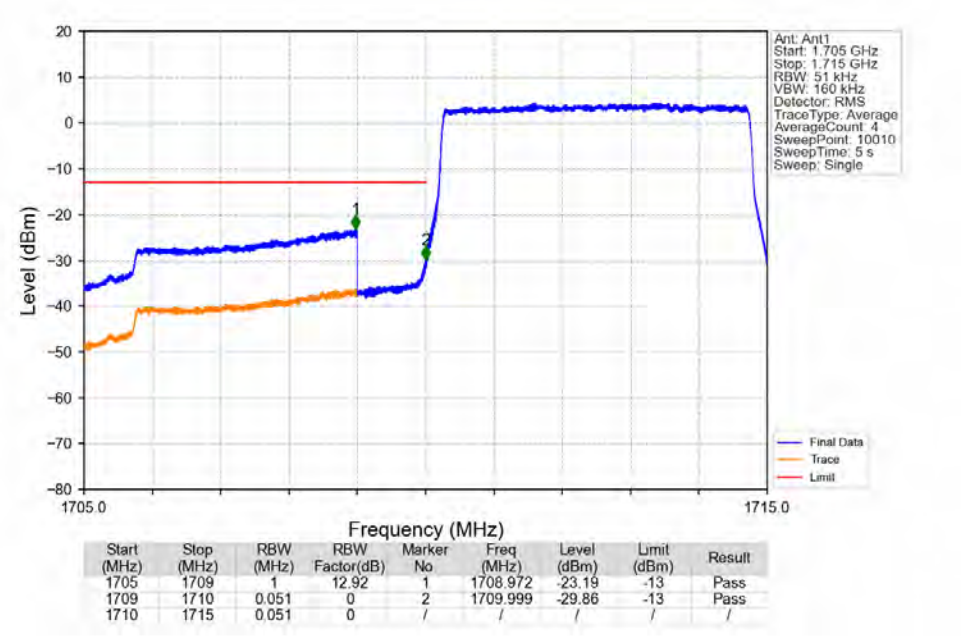
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



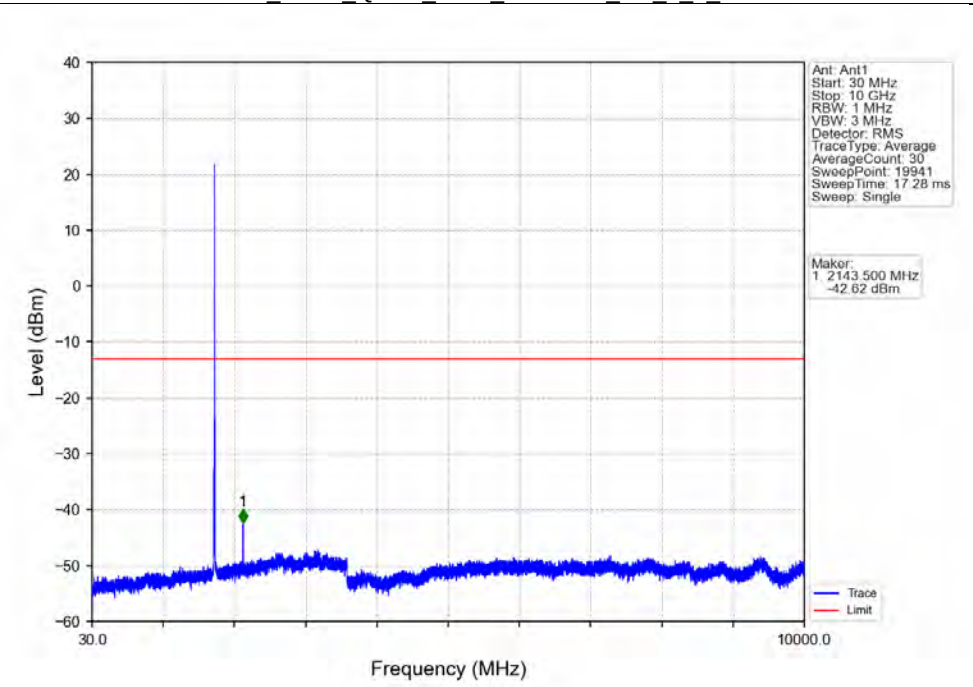
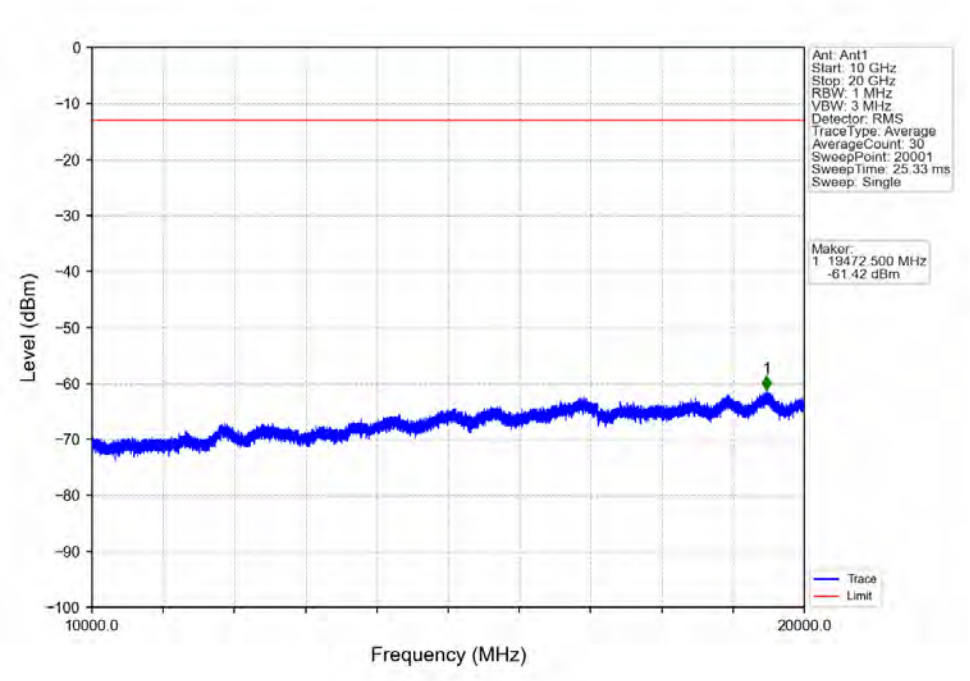
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

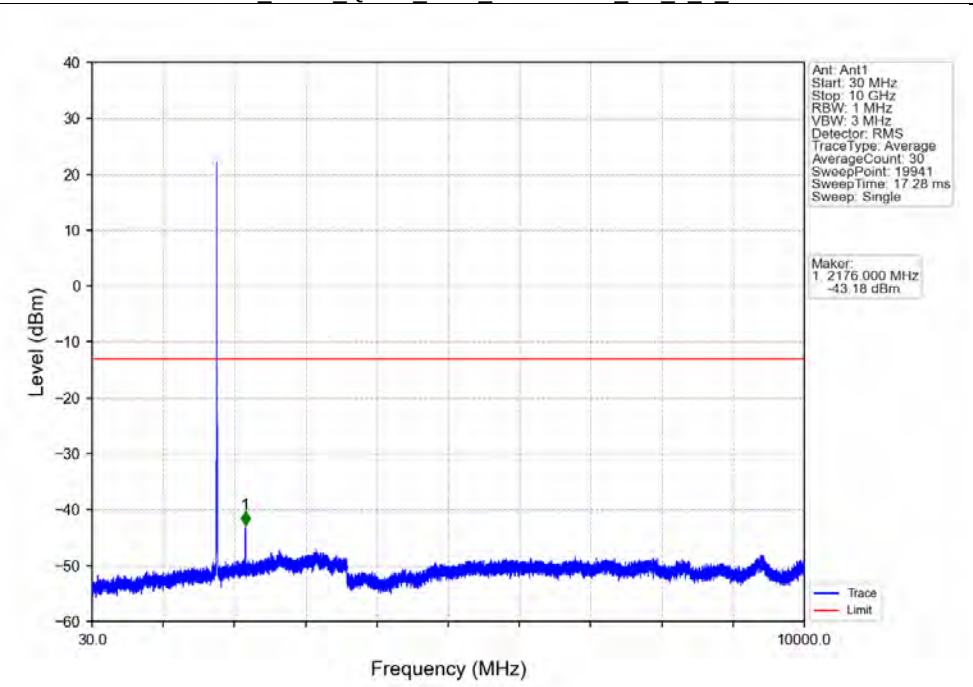
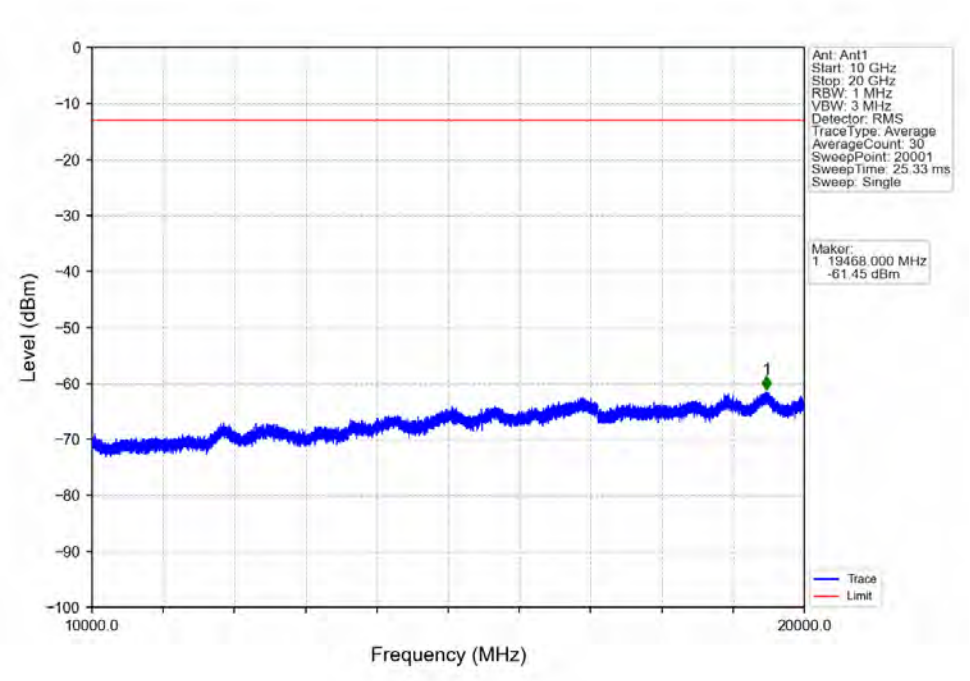


Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

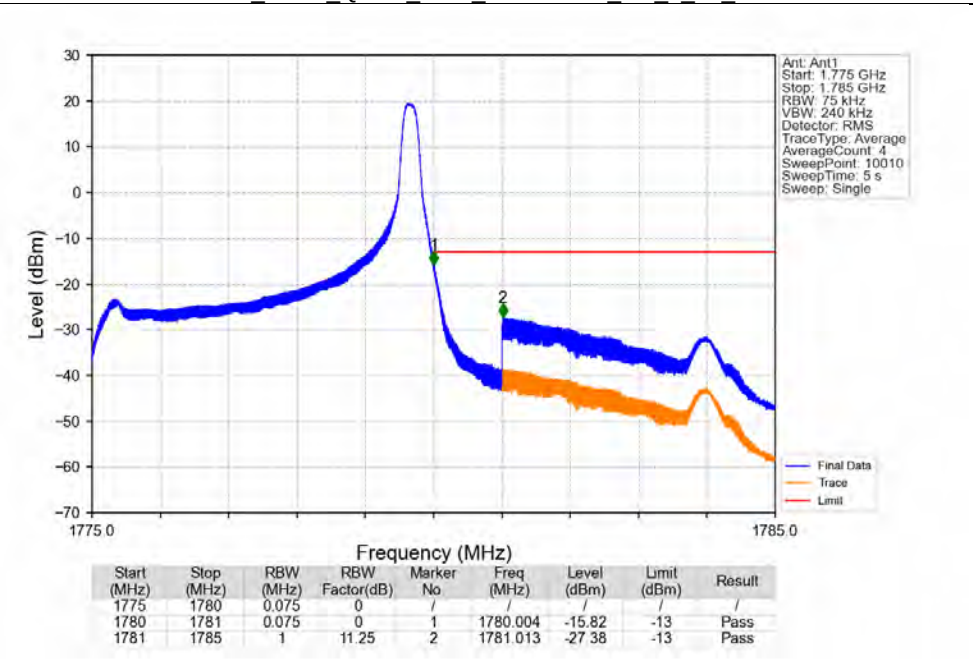


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	12.92	1	1708.972	-23.19	-13	Pass
1709	1710	0.051	0	2	1709.999	-29.86	-13	Pass
1710	1715	0.051	0	/	/	/	/	/

Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV


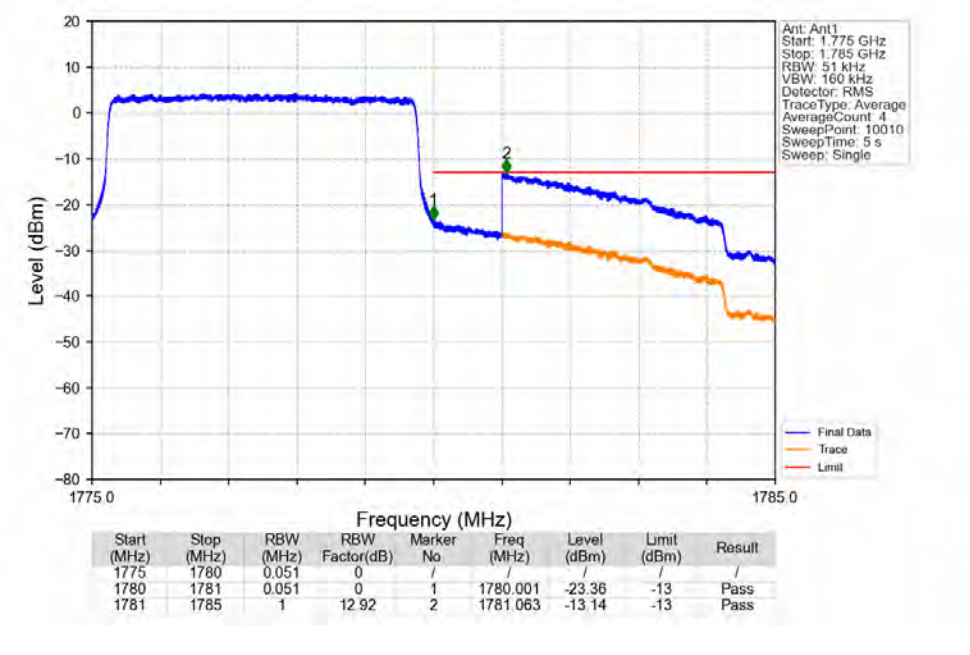
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV

Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV


Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



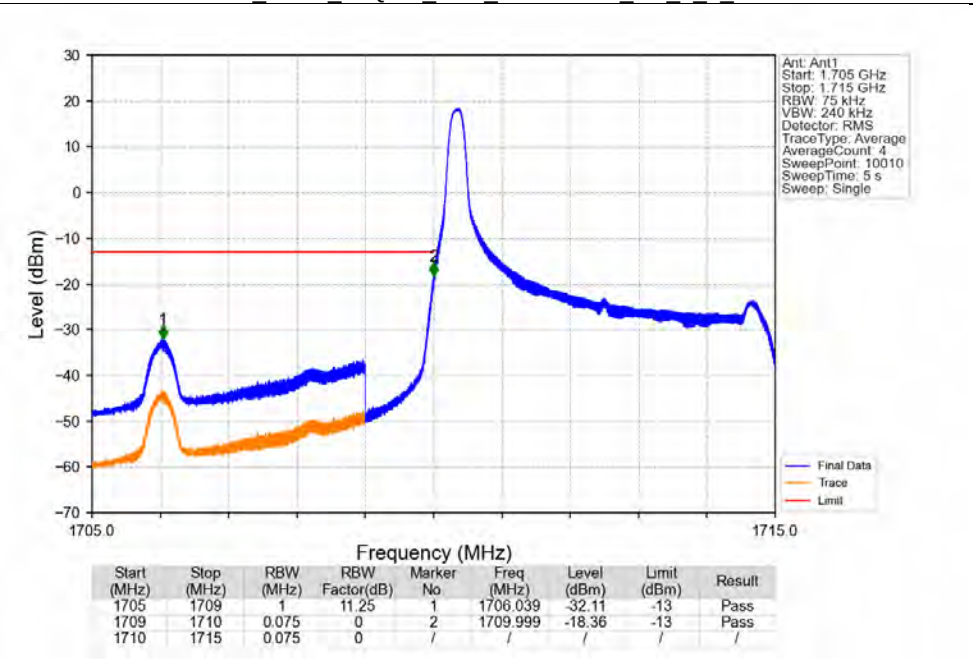
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.075	0	/	/	/	/	/
1780	1781	0.075	0	1	1780.004	-15.82	-13	Pass
1781	1785	1	11.25	2	1781.013	-27.38	-13	Pass

Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



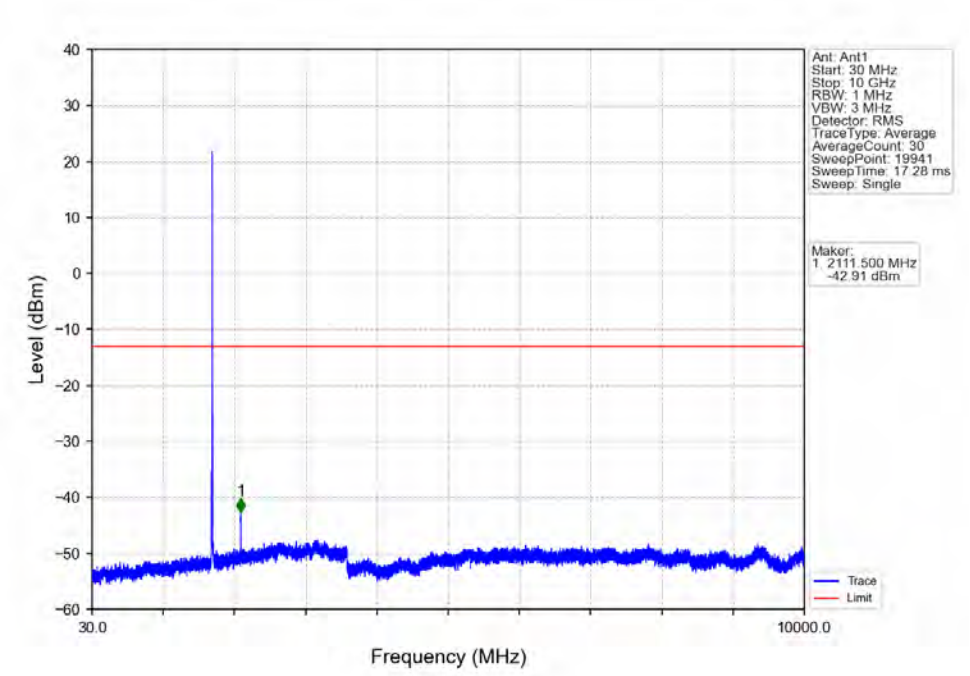
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	0	/	/	/	/	/
1780	1781	0.051	0	1	1780.001	-23.36	-13	Pass
1781	1785	1	12.92	2	1781.063	-13.14	-13	Pass

Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

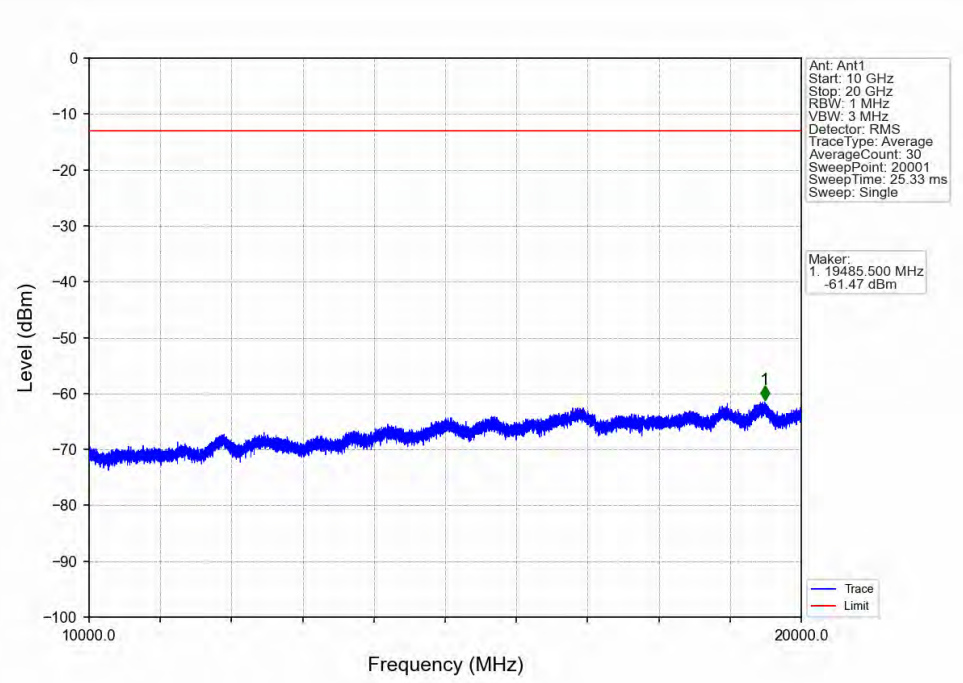


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	11.25	1	1706.039	-32.11	-13	Pass
1709	1710	0.075	0	2	1709.999	-18.36	-13	Pass
1710	1715	0.075	0	/	/	/	/	/

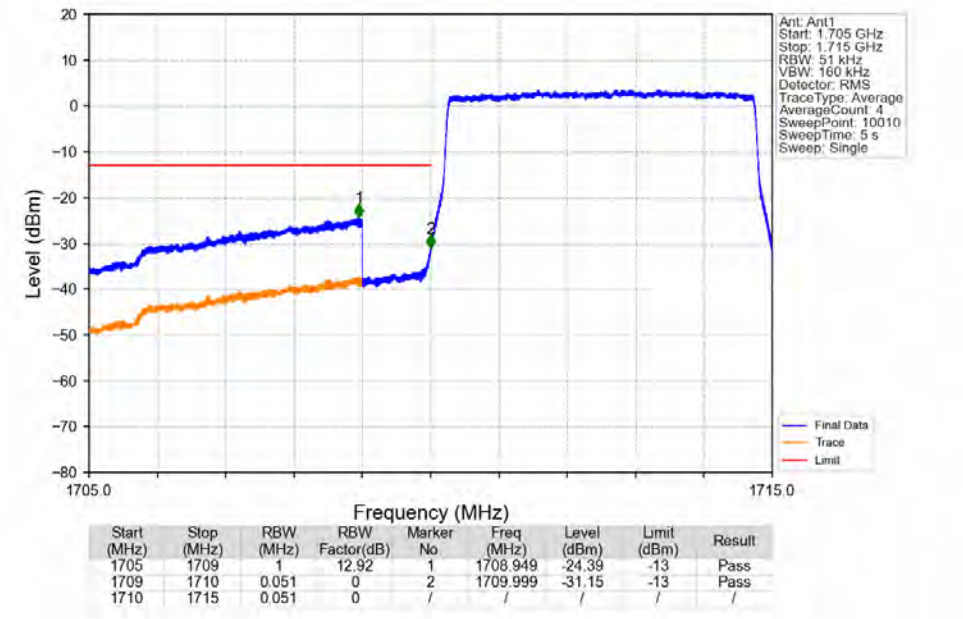
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



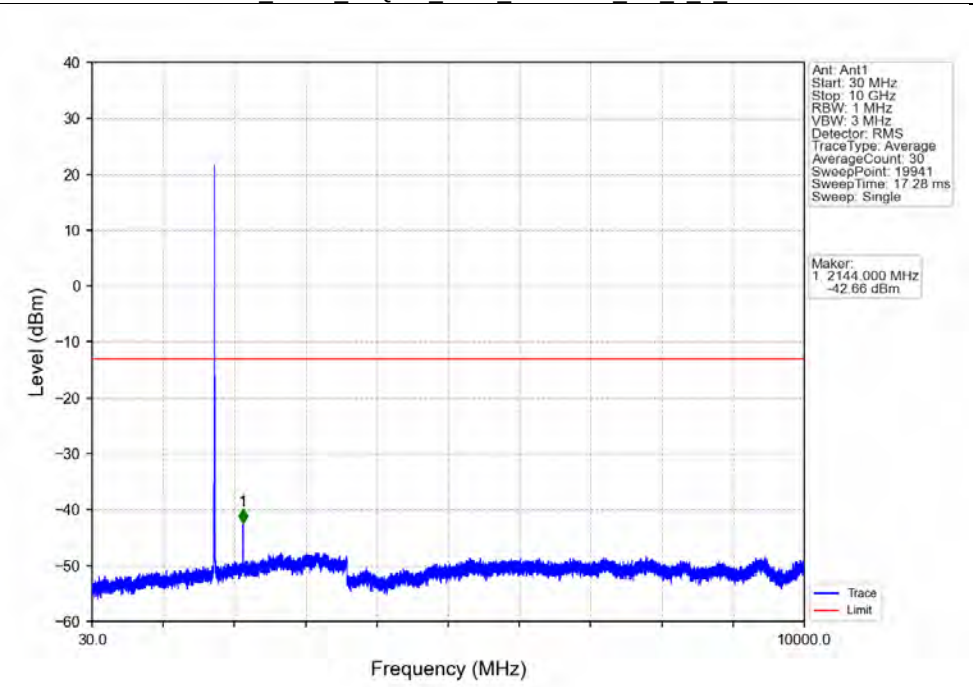
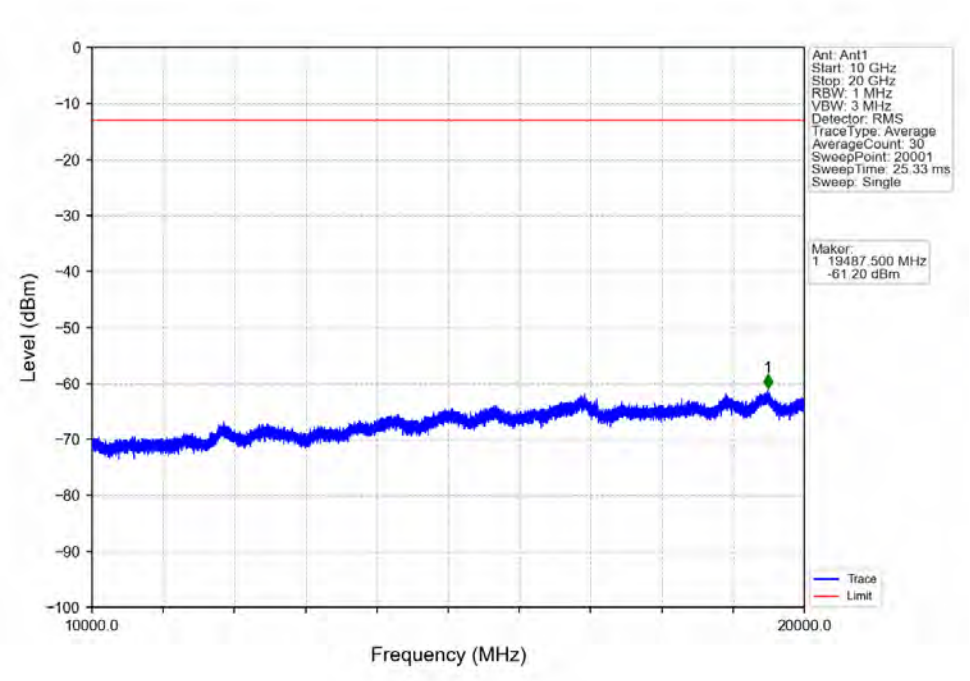
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



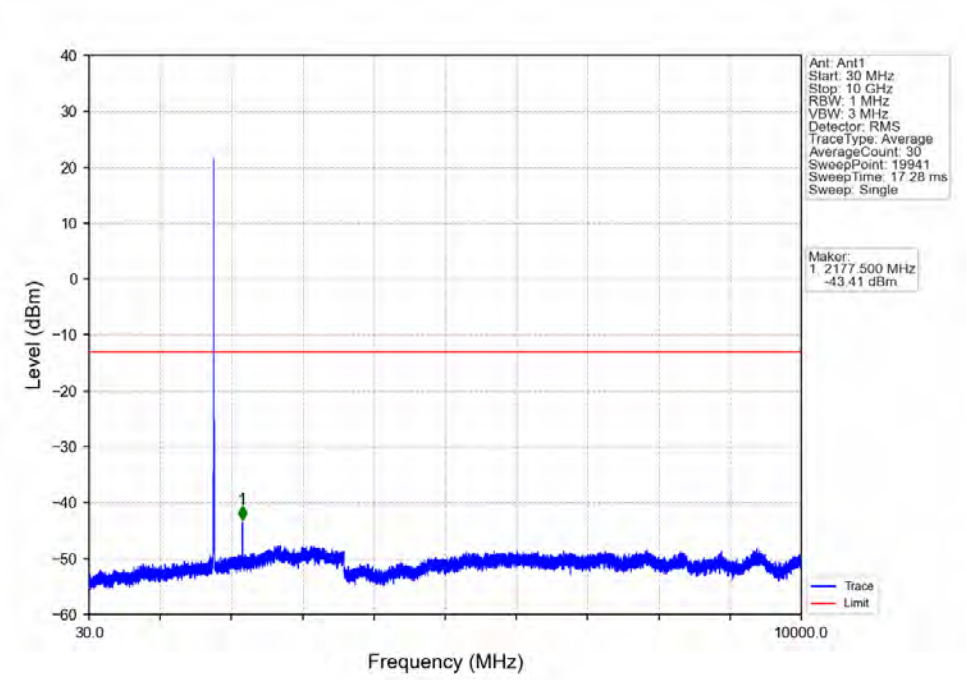
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



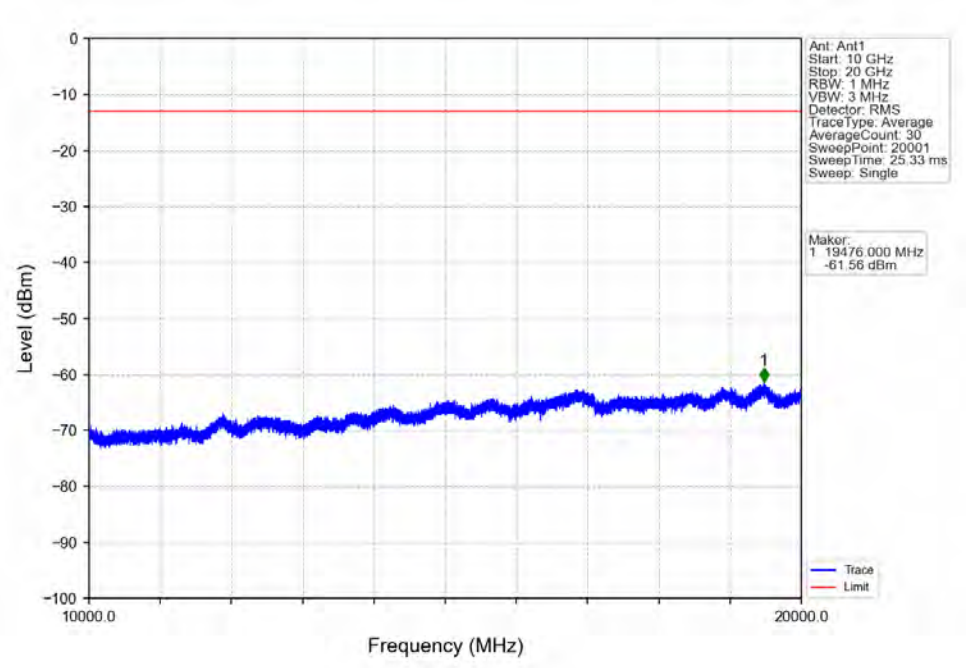
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	12.92	1	1708.949	-24.39	-13	Pass
1709	1710	0.051	0	2	1709.999	-31.15	-13	Pass
1710	1715	0.051	0	/	/	/	/	/

Band66_5MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

Band66_5MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV


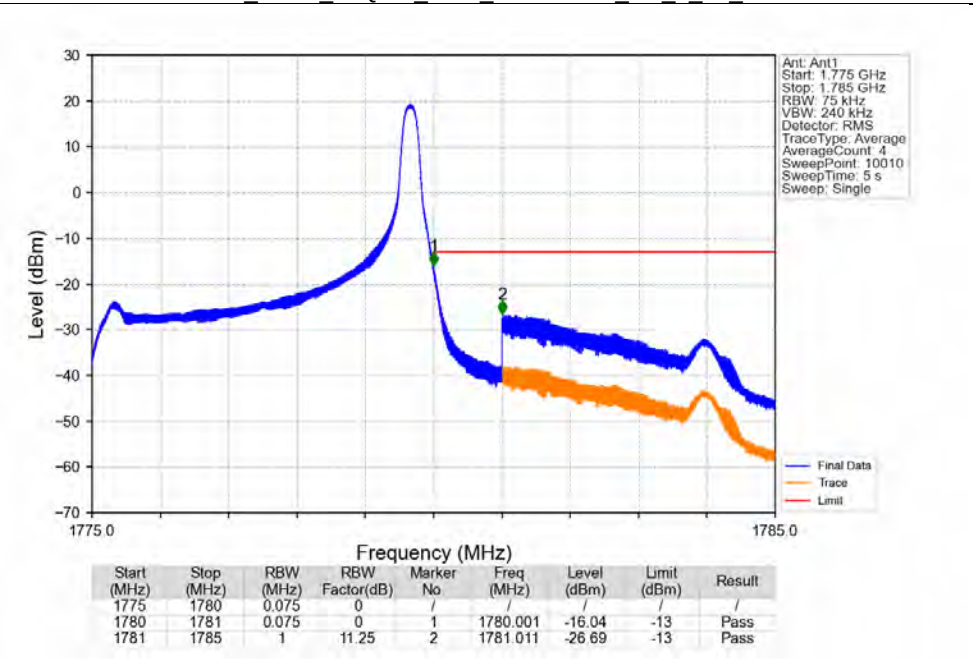
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_0_NTNV

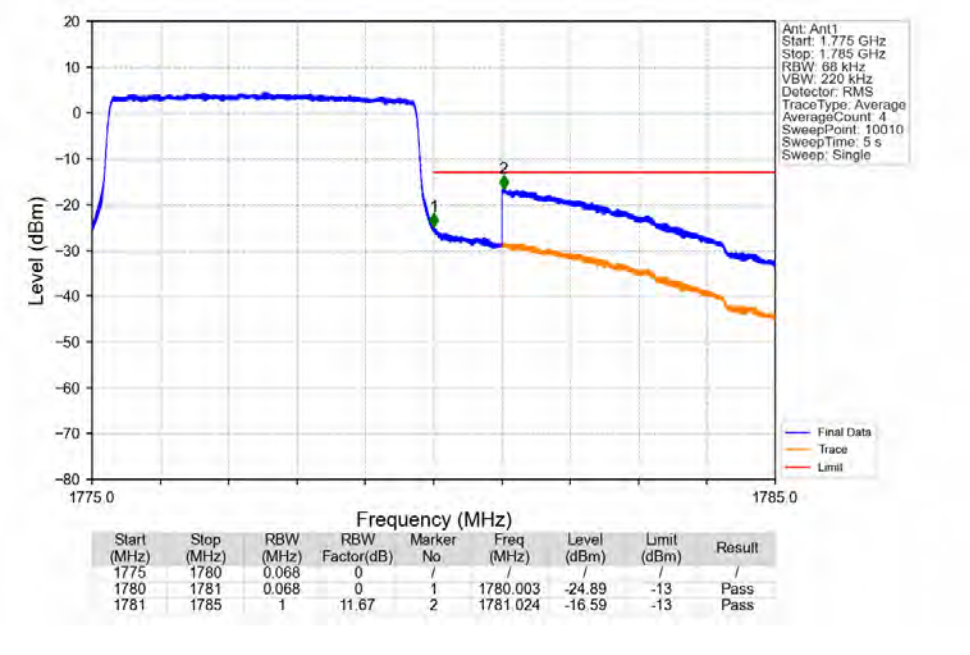


Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.075	0	/	/	/	/	/
1780	1781	0.075	0	1	1780.001	-16.04	-13	Pass
1781	1785	1	11.25	2	1781.011	-26.69	-13	Pass

Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.068	0	/	/	/	/	/
1780	1781	0.068	0	1	1780.003	-24.89	-13	Pass
1781	1785	1	11.67	2	1781.024	-16.59	-13	Pass

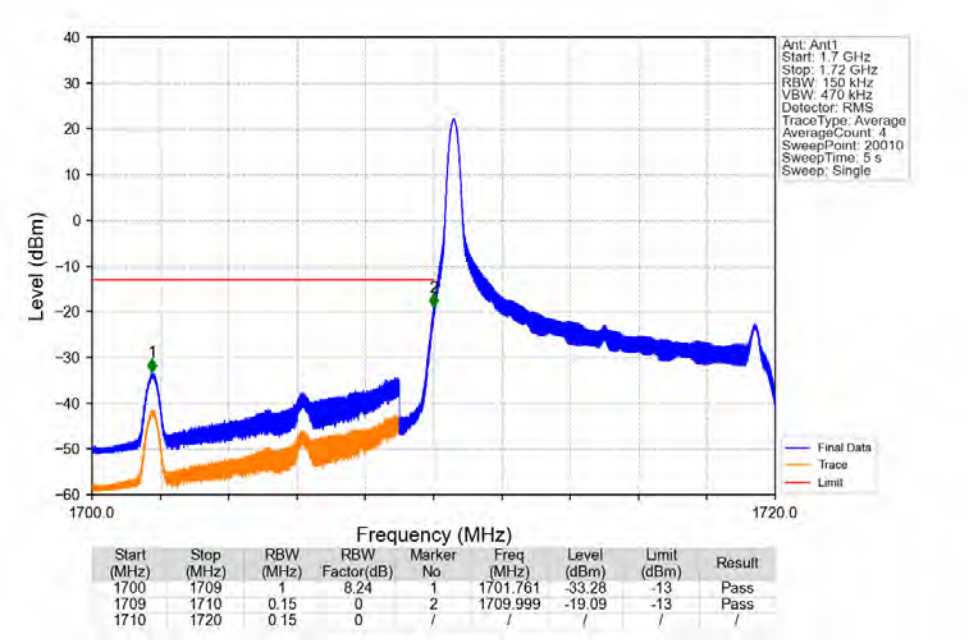
6.4 B66_10MHz

6.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

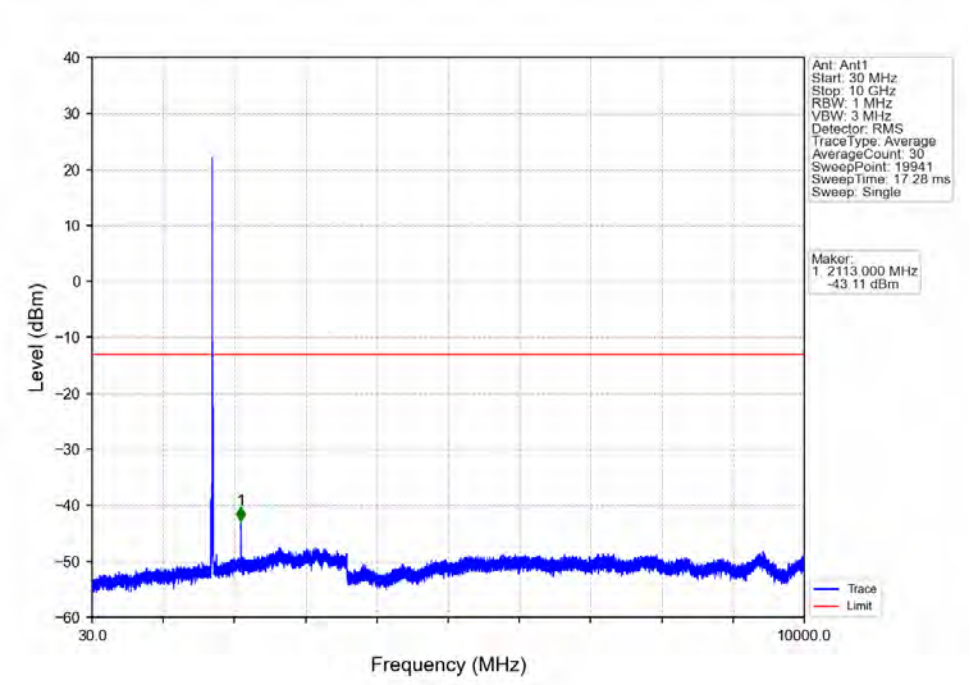
6.4.2 Test Graph

Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

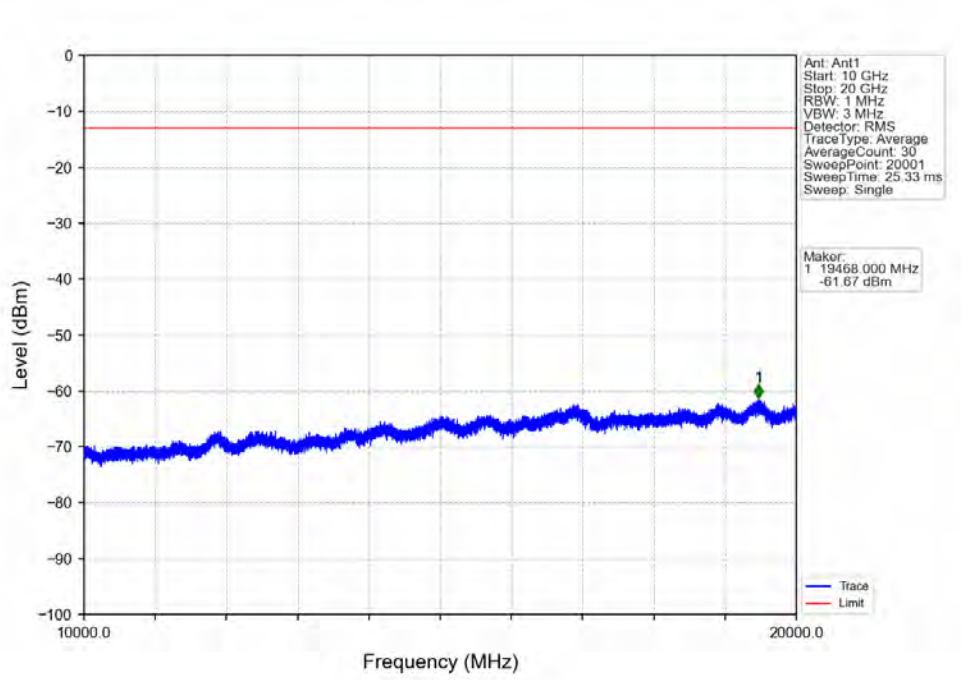


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	8.24	1	1701.761	-33.28	-13	Pass
1709	1710	0.15	0	2	1709.999	-19.09	-13	Pass
1710	1720	0.15	0	/	/	/	/	/

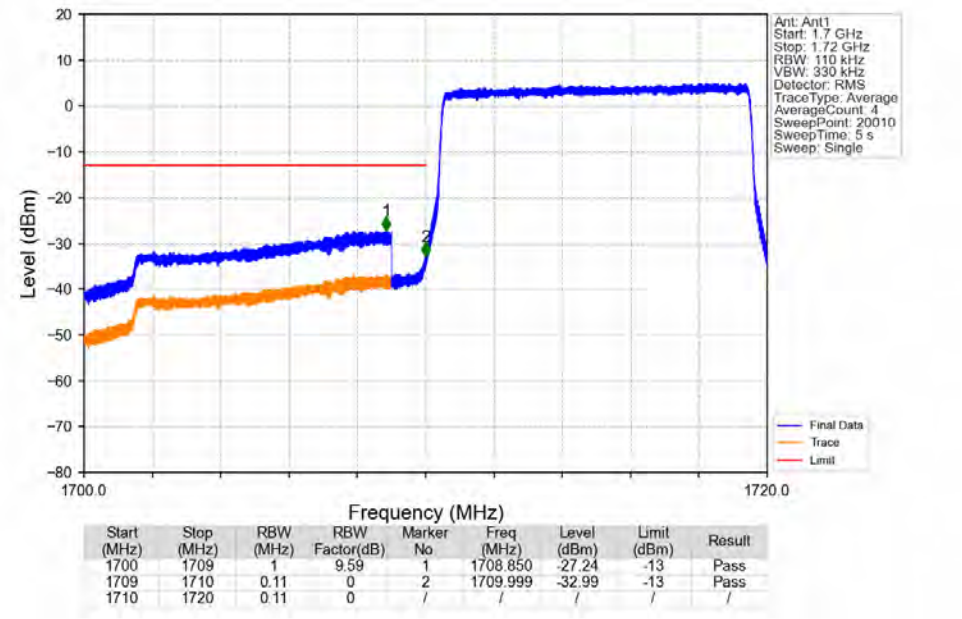
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



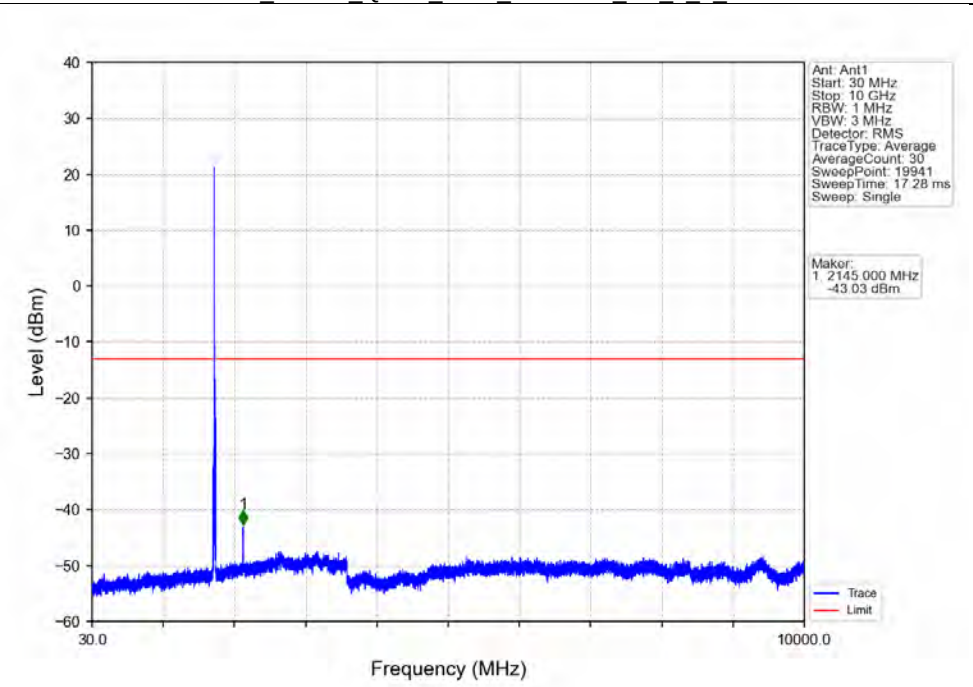
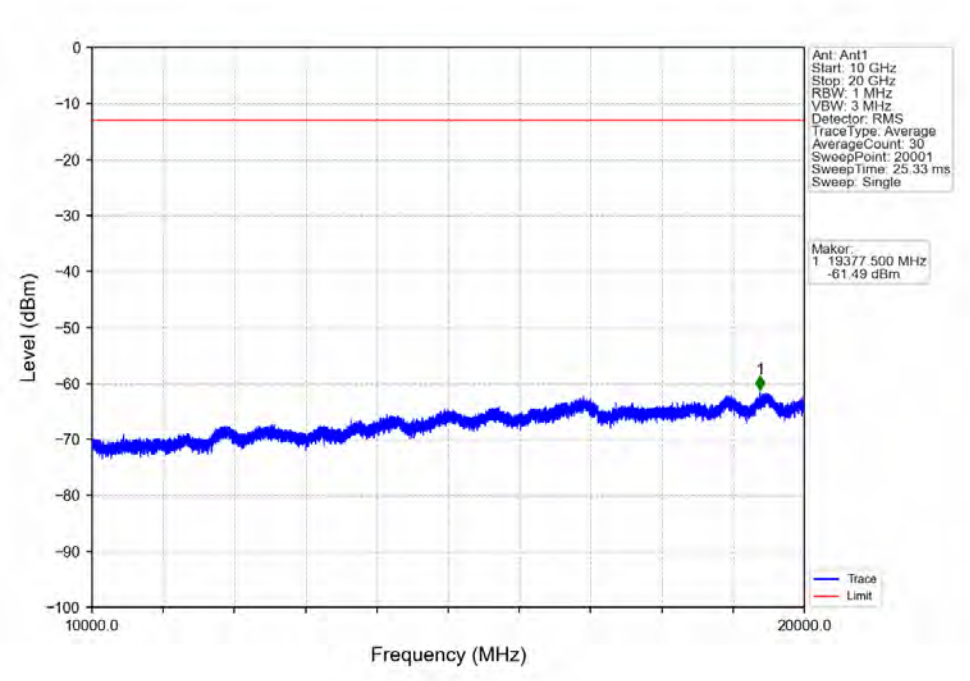
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

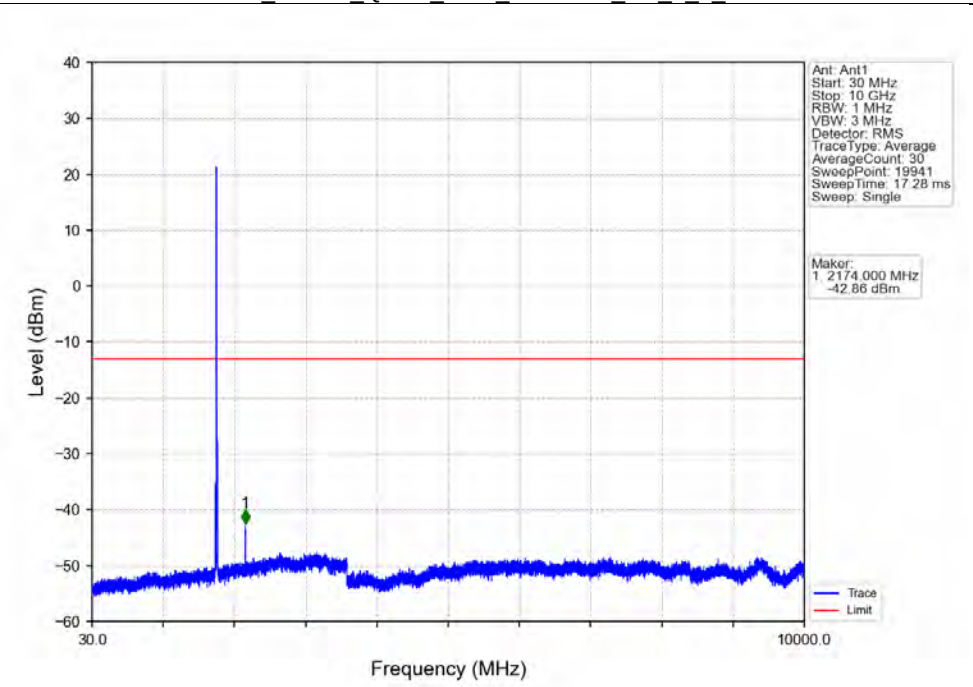


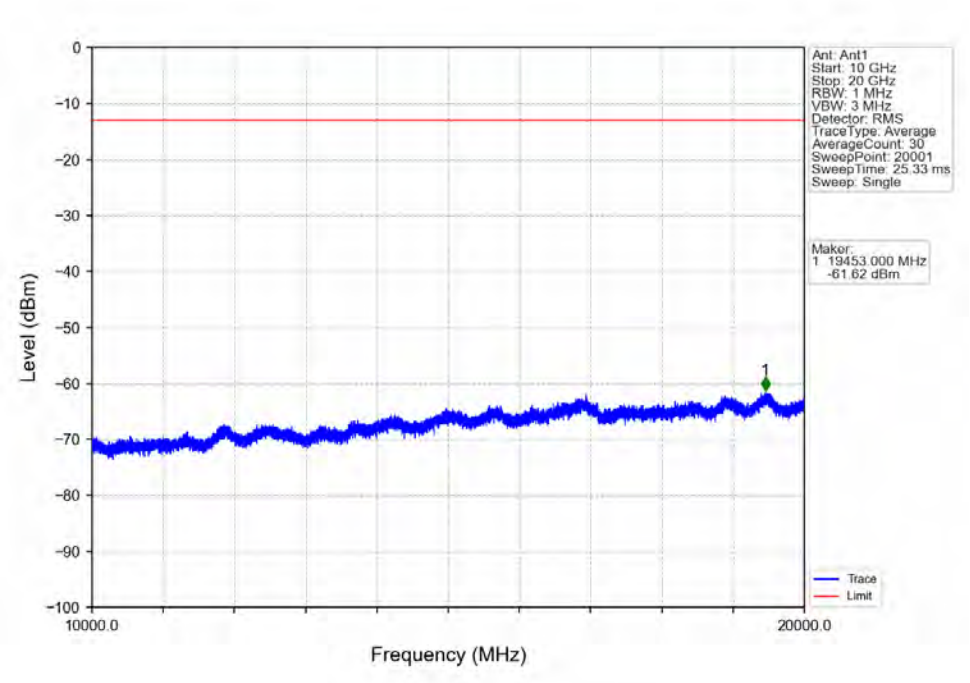
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



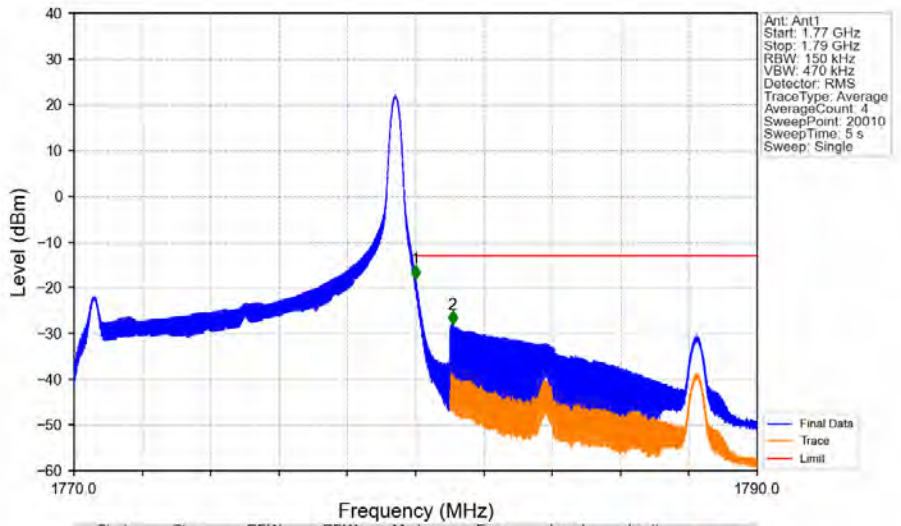
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	9.59	1	1708.850	-27.24	-13	Pass
1709	1710	0.11	0	2	1709.999	-32.99	-13	Pass
1710	1720	0.11	0	/	/	/	/	/

Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV


Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV


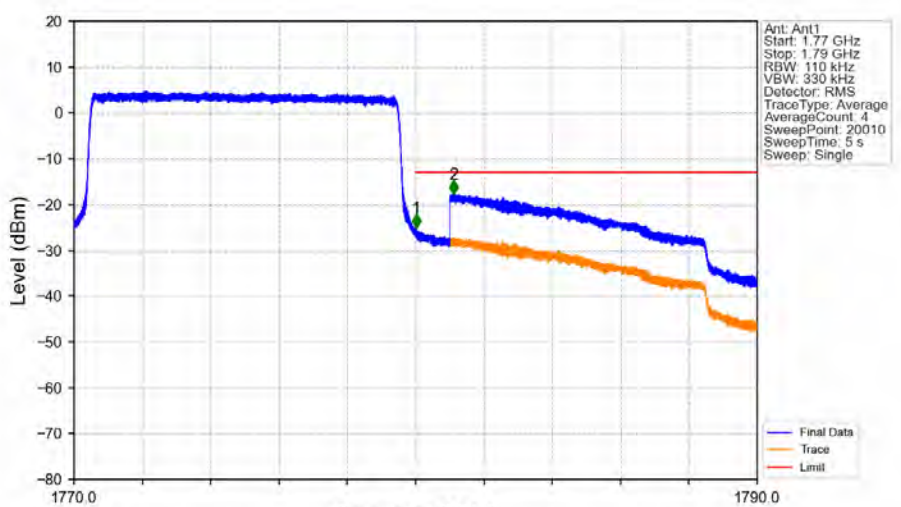
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV


Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



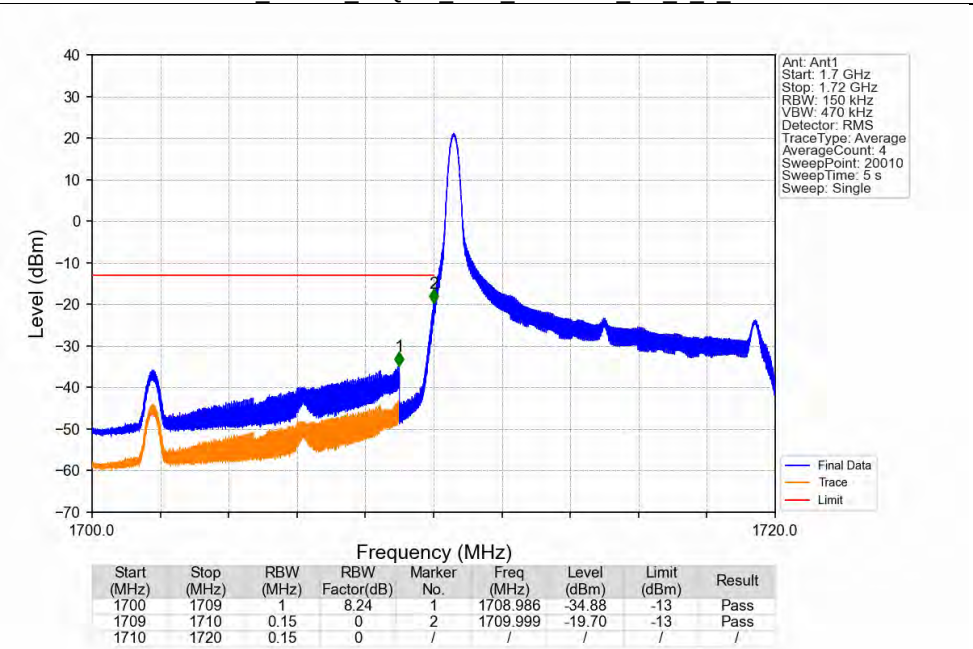
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.15	0	/	/	/	/	/
1780	1781	0.15	0	1	1780.001	-18.14	-13	Pass
1781	1790	1	8.24	2	1781.078	-28.04	-13	Pass

Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



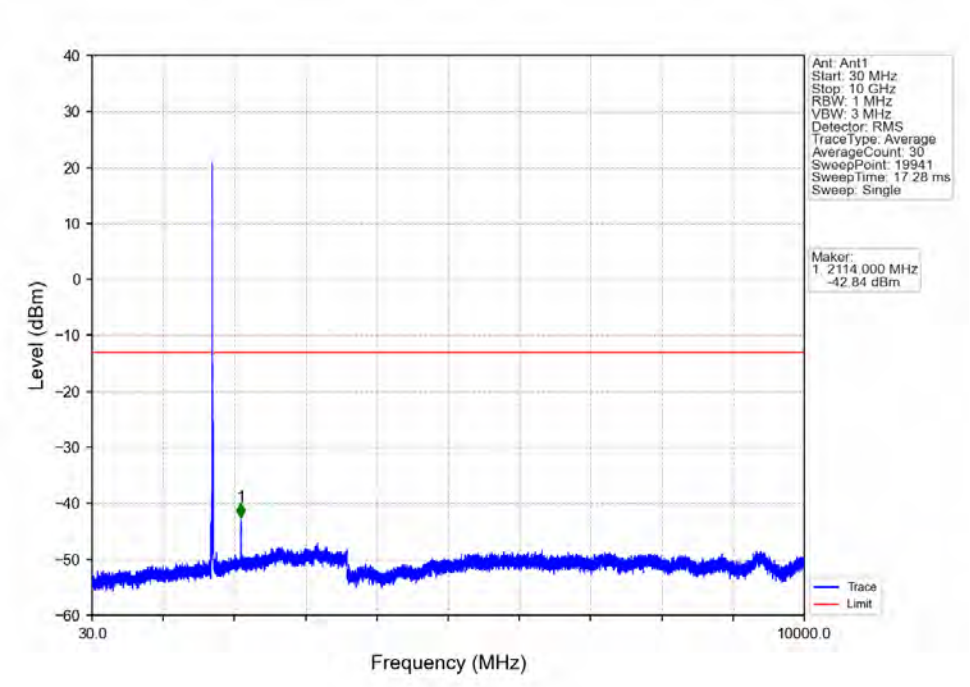
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.11	0	/	/	/	/	/
1780	1781	0.11	0	1	1780.014	-25.17	-13	Pass
1781	1790	1	9.59	2	1781.108	-17.69	-13	Pass

Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

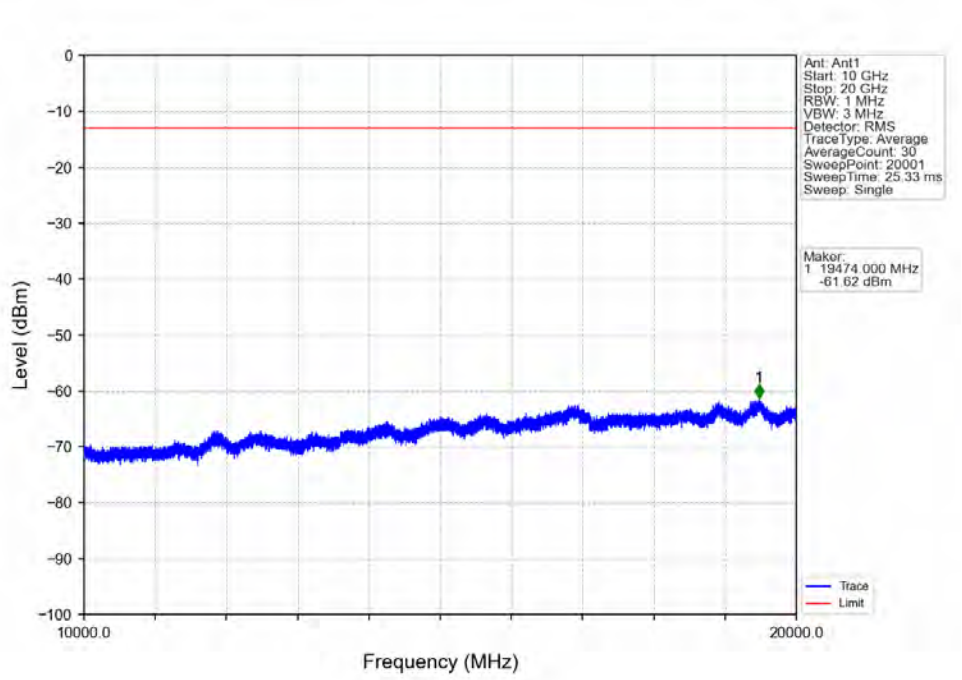


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	8.24	1	1708.986	-34.88	-13	Pass
1709	1710	0.15	0	2	1709.999	-19.70	-13	Pass
1710	1720	0.15	0	/	/	/	/	/

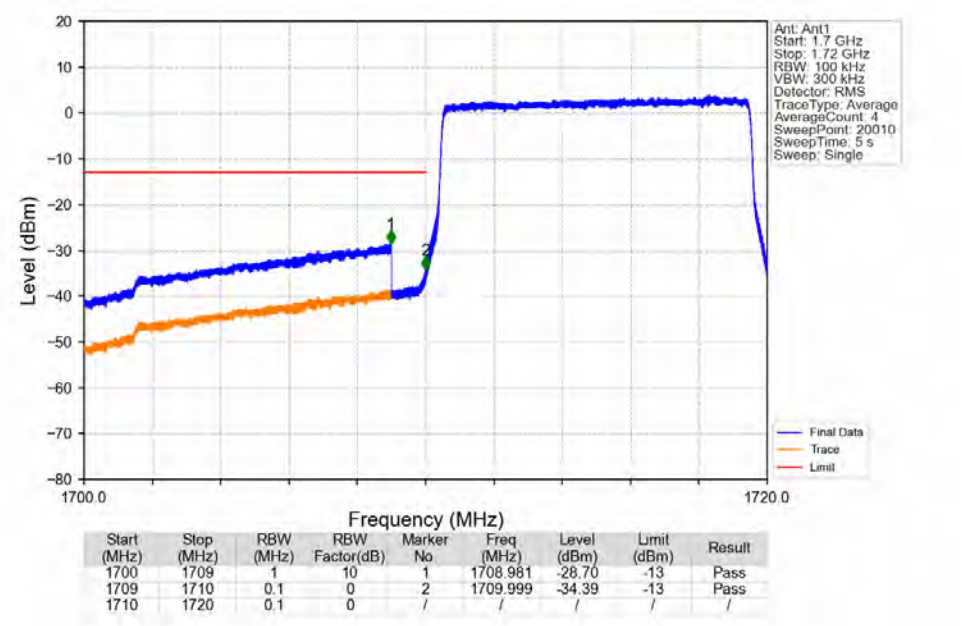
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



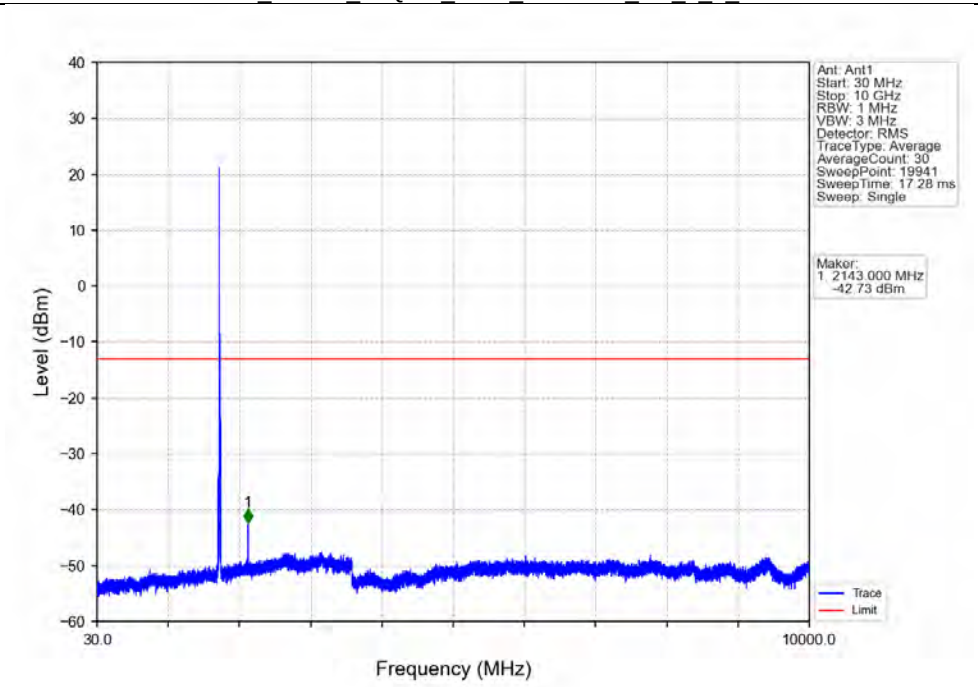
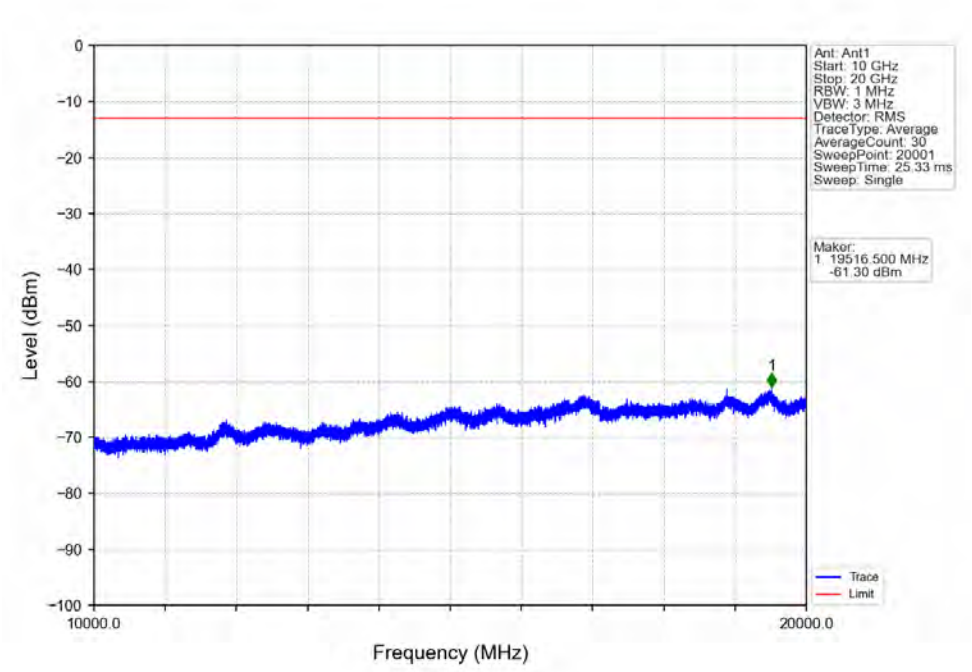
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

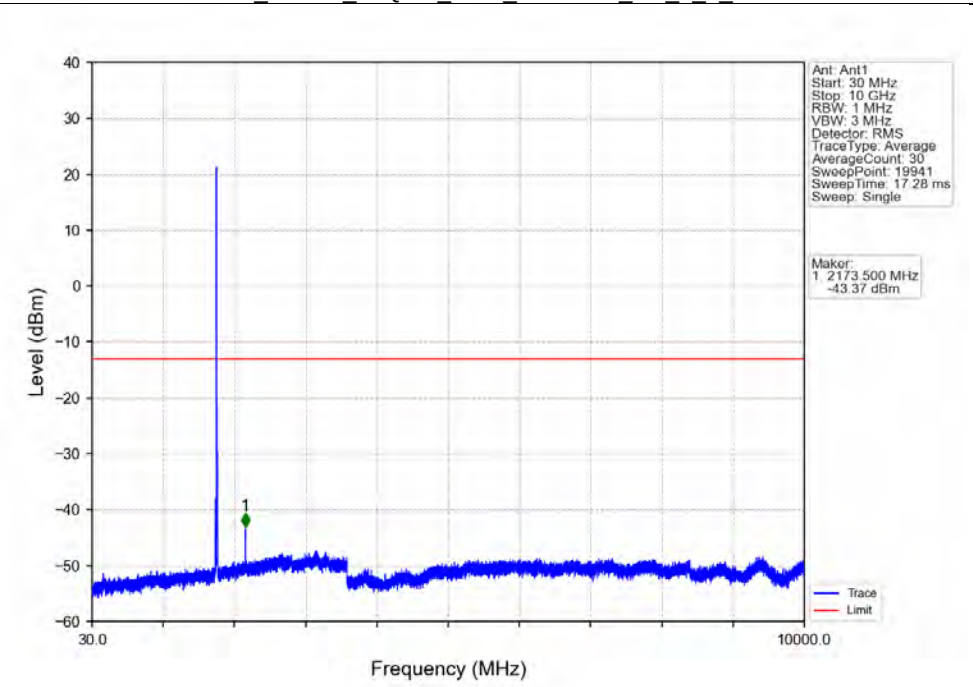
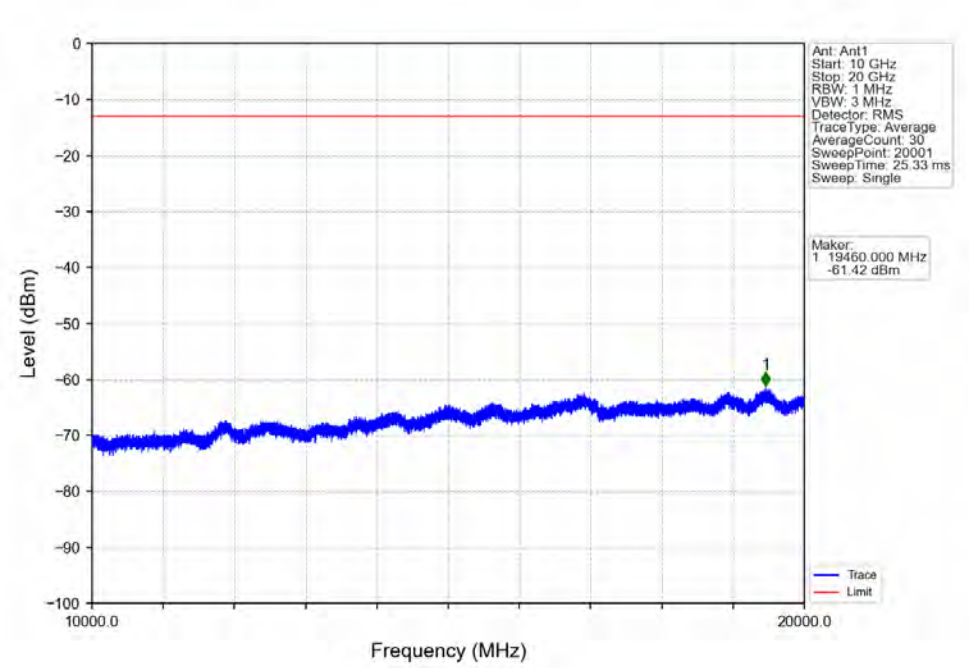


Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

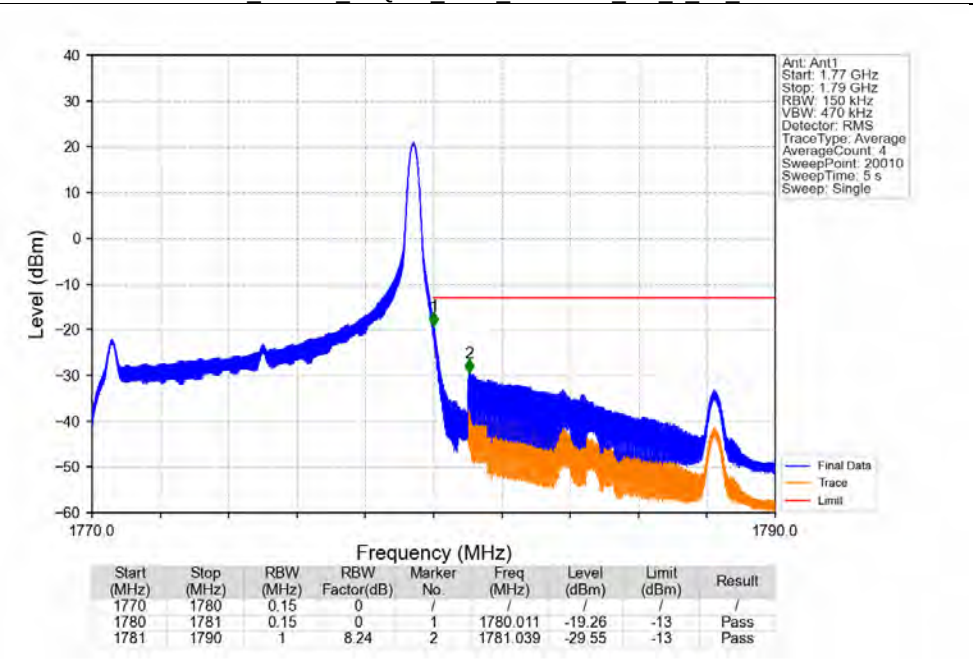


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	10	1	1708.981	-28.70	-13	Pass
1709	1710	0.1	0	2	1709.999	-34.39	-13	Pass
1710	1720	0.1	0	/	/	/	/	/

Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV


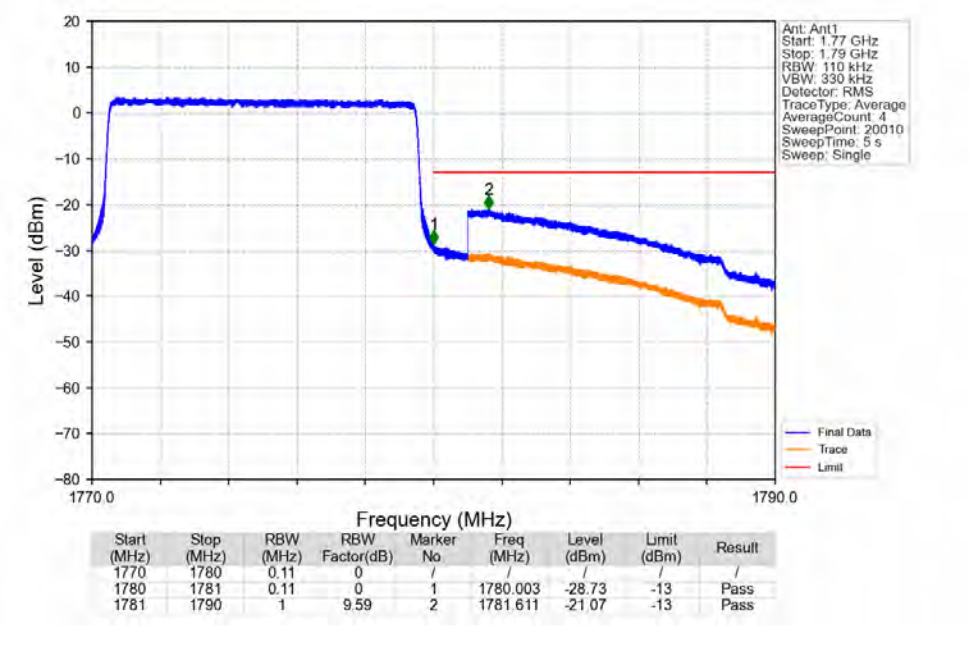
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV

Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV


Band66_10MHz_16QAM_HCH_1775MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.15	0	/	/	/	/	/
1780	1781	0.15	0	1	1780.011	-19.26	-13	Pass
1781	1790	1	8.24	2	1781.039	-29.55	-13	Pass

Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.11	0	/	/	/	/	/
1780	1781	0.11	0	1	1780.003	-28.73	-13	Pass
1781	1790	1	9.59	2	1781.611	-21.07	-13	Pass

6.5 B66_15MHz

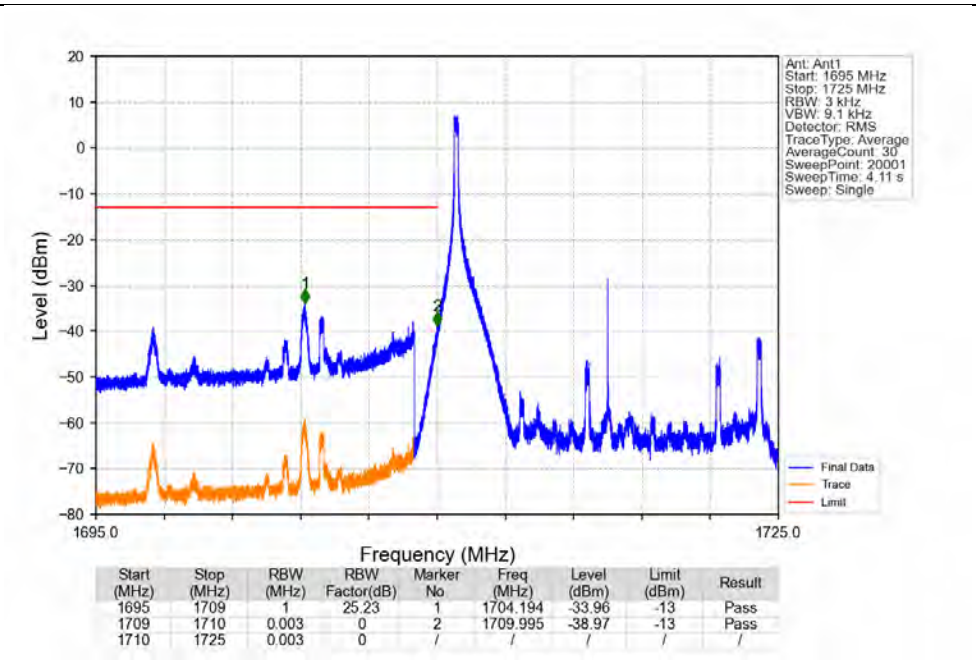
6.5 B66_15MHz

6.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

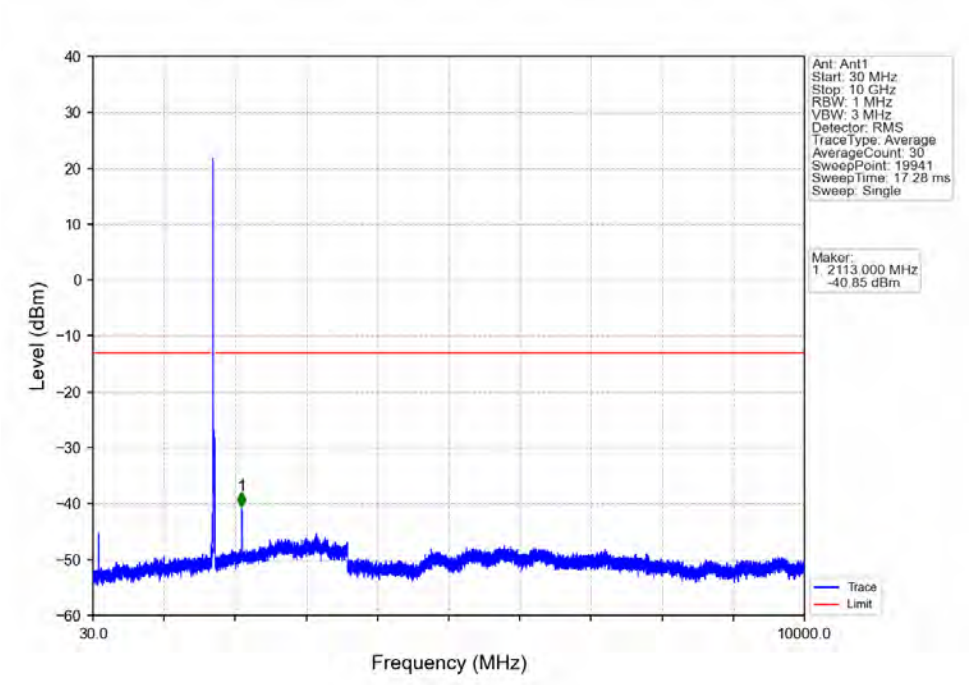
6.5.2 Test Graph

Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

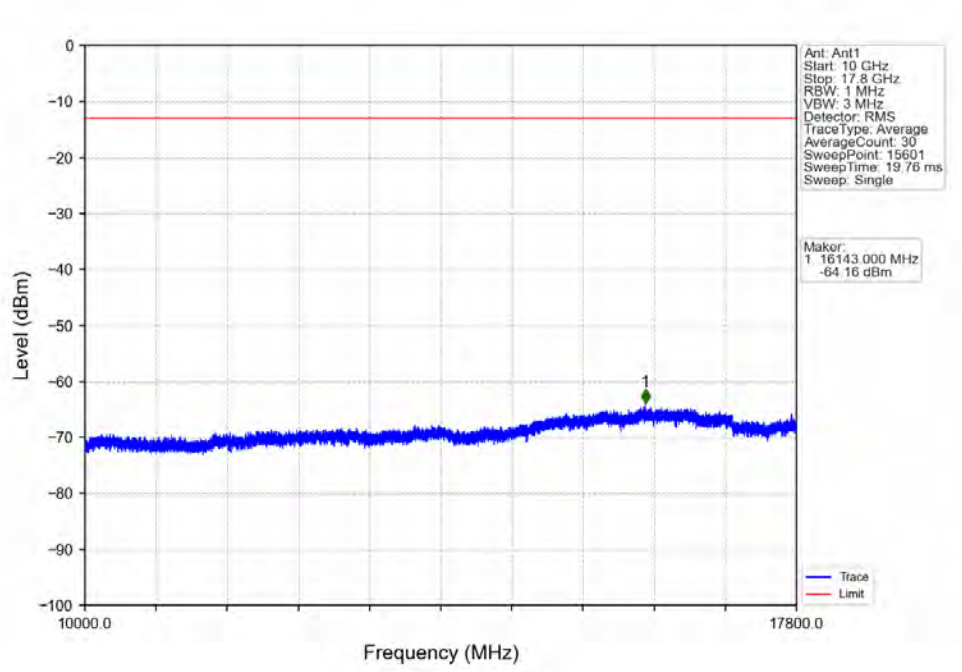


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	25.23	1	1704.194	-33.96	-13	Pass
1709	1710	0.003	0	2	1709.995	-38.97	-13	Pass
1710	1725	0.003	0	/	/	/	/	/

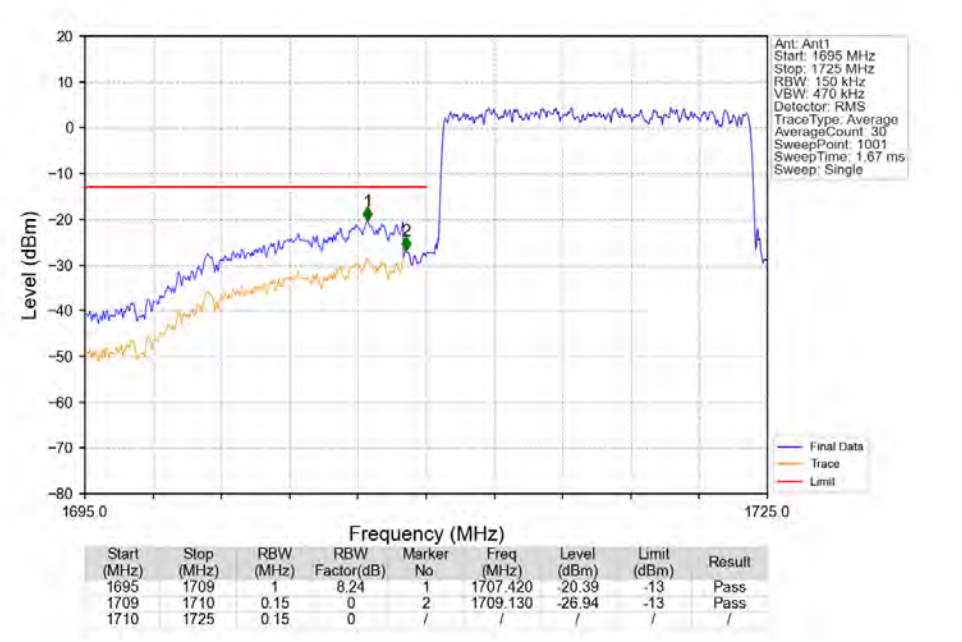
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

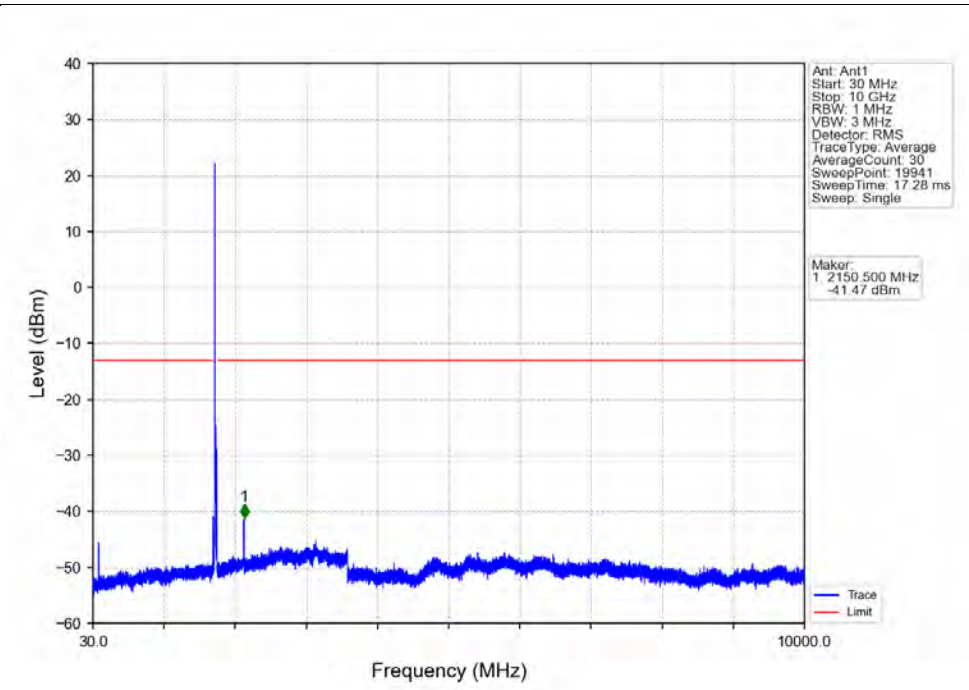


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

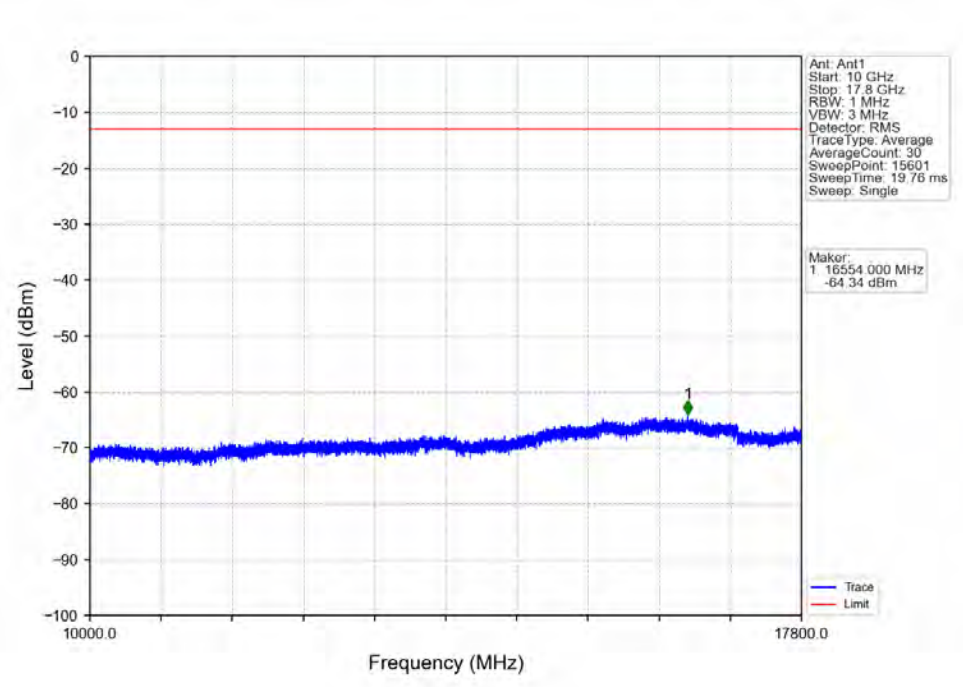


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	8.24	1	1707.420	-20.39	-13	Pass
1709	1710	0.15	0	2	1709.130	-26.94	-13	Pass
1710	1725	0.15	0	/	/	/	/	/

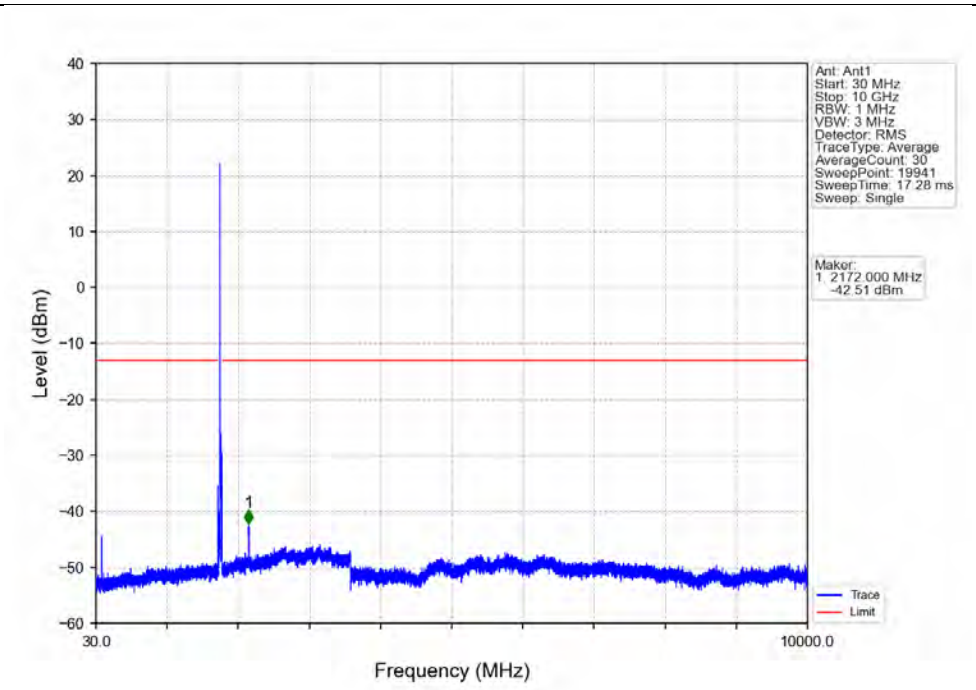
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



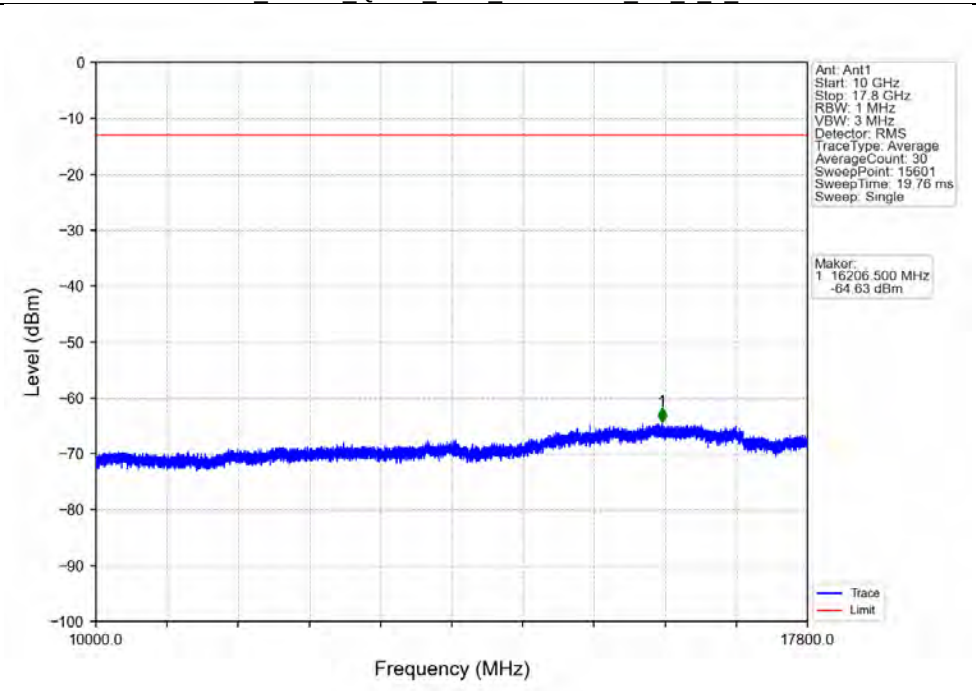
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



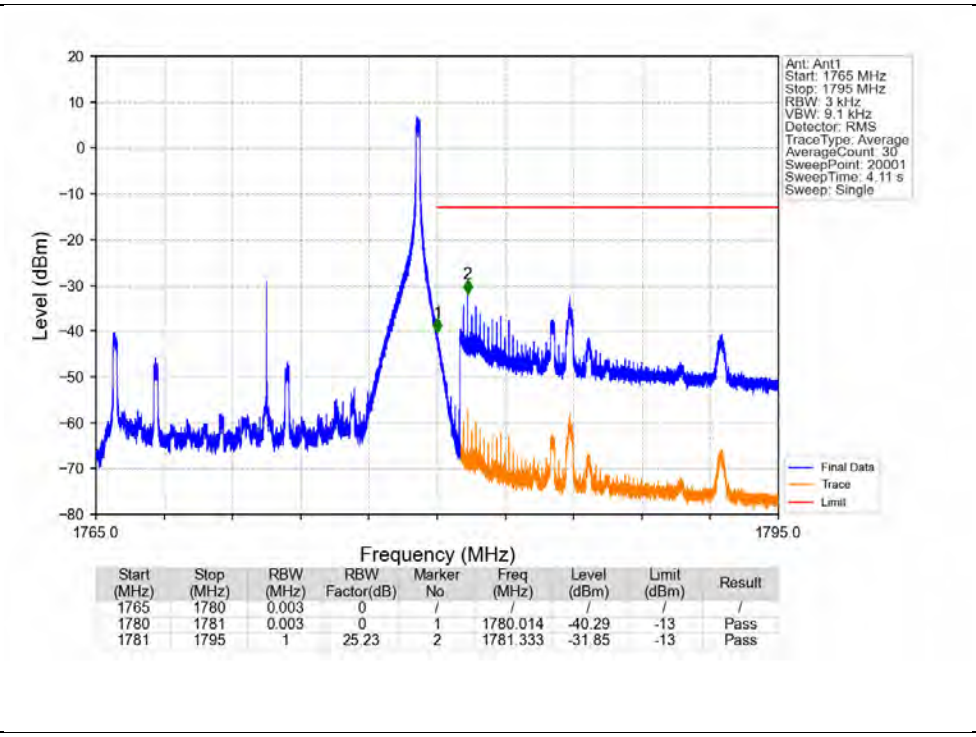
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

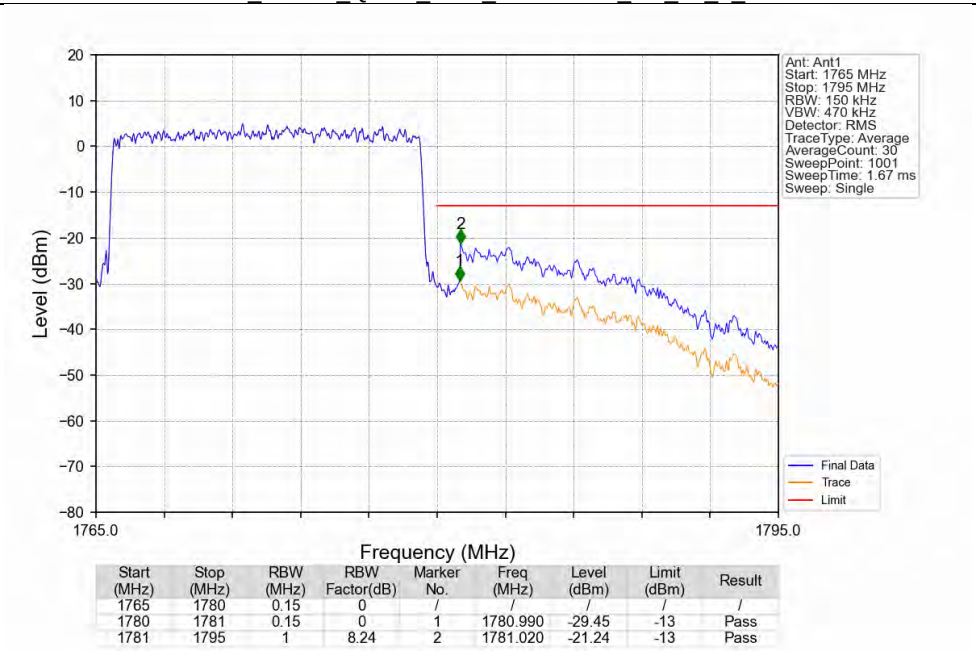


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



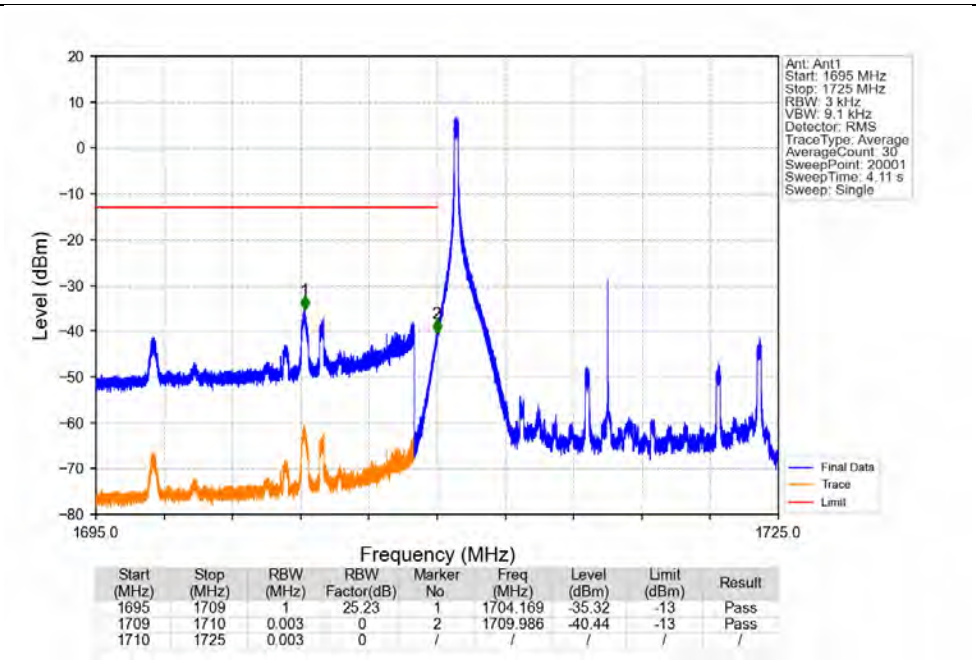
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.014	-40.29	-13	Pass
1781	1795	1	25.23	2	1781.333	-31.85	-13	Pass

Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



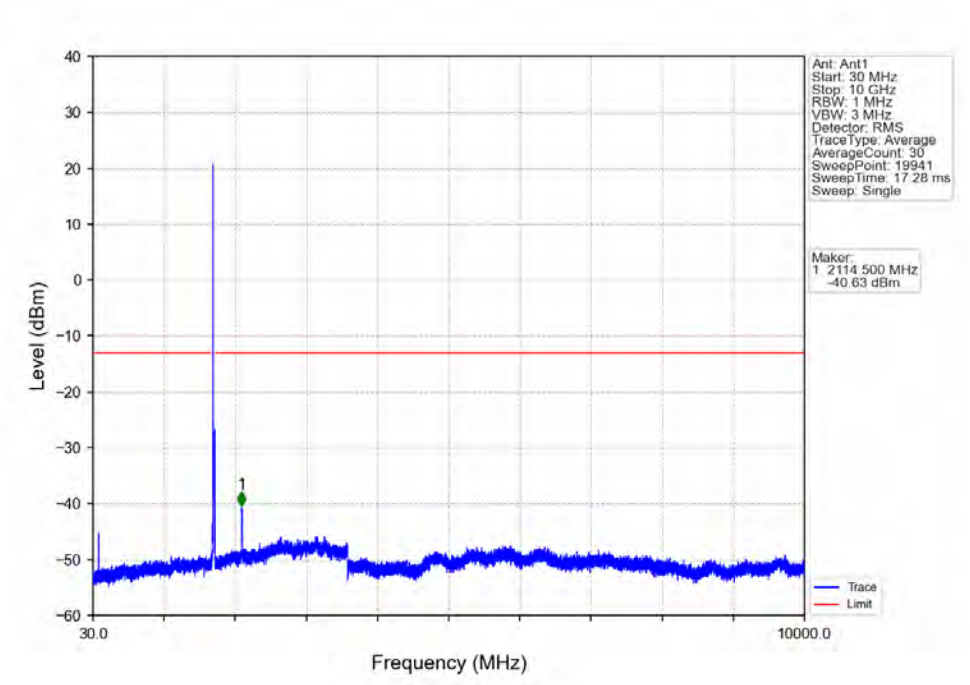
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.15	0	/	/	/	/	/
1780	1781	0.15	0	1	1780.990	-29.45	-13	Pass
1781	1795	1	8.24	2	1781.020	-21.24	-13	Pass

Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

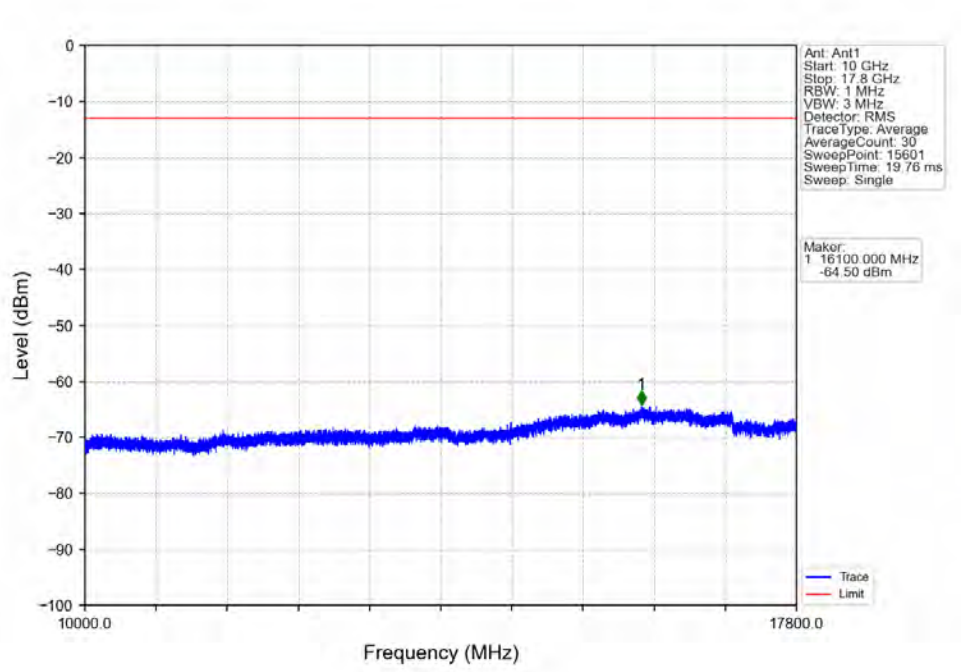


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	25.23	1	1704.169	-35.32	-13	Pass
1709	1710	0.003	0	2	1709.986	-40.44	-13	Pass
1710	1725	0.003	0	/	/	/	/	/

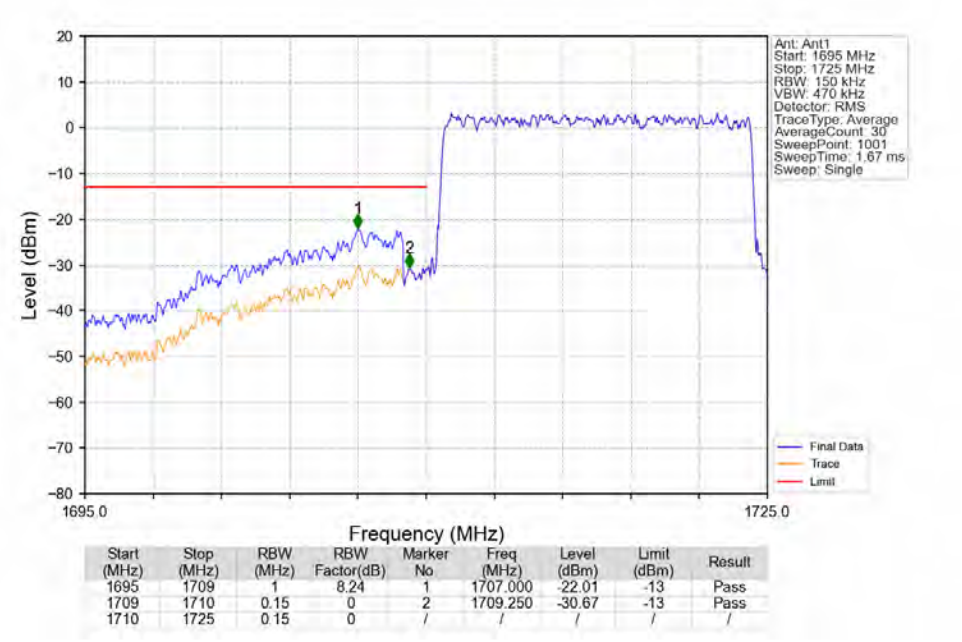
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

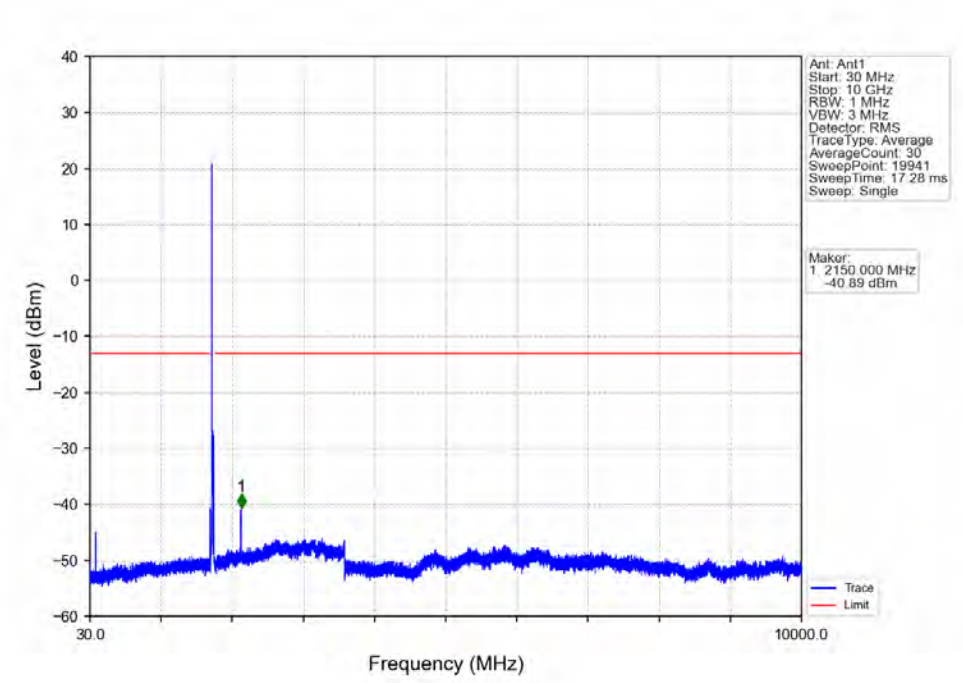


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

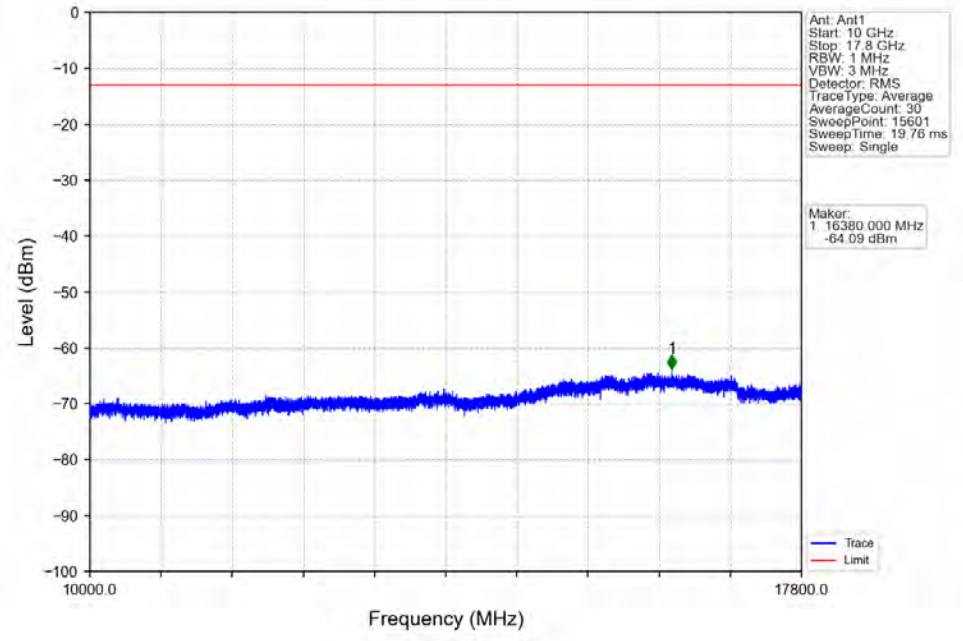


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	8.24	1	1707.000	-22.01	-13	Pass
1709	1710	0.15	0	2	1709.250	-30.67	-13	Pass
1710	1725	0.15	0	/	/	/	/	/

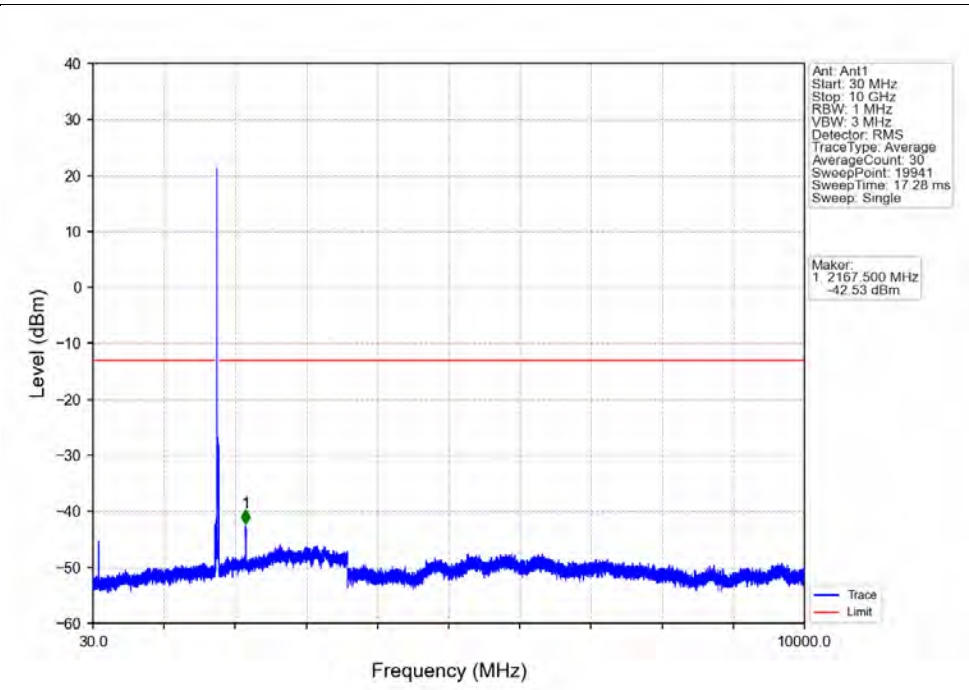
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



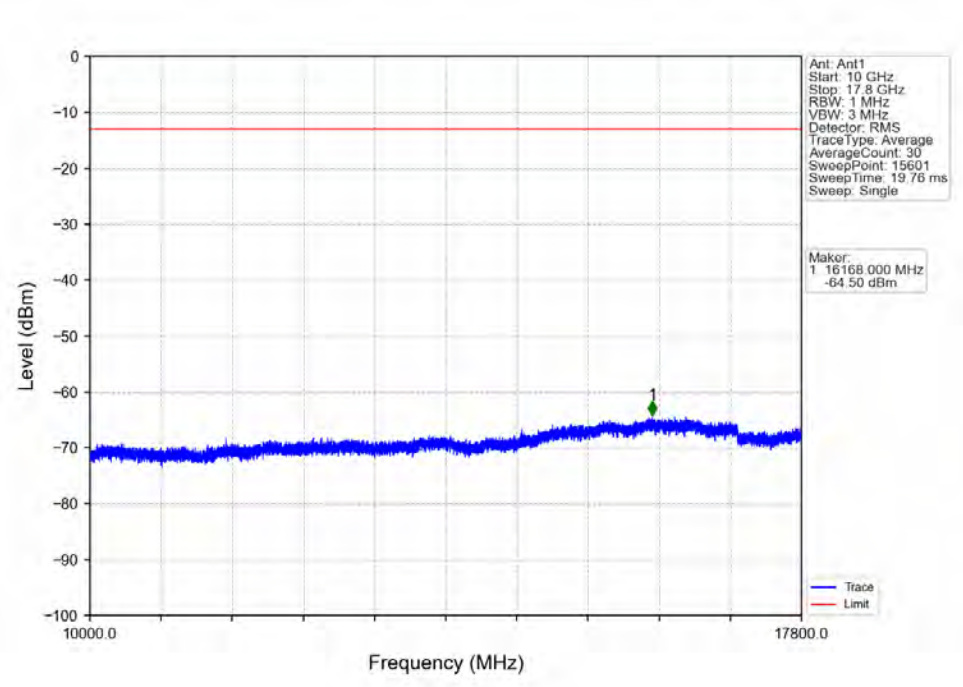
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



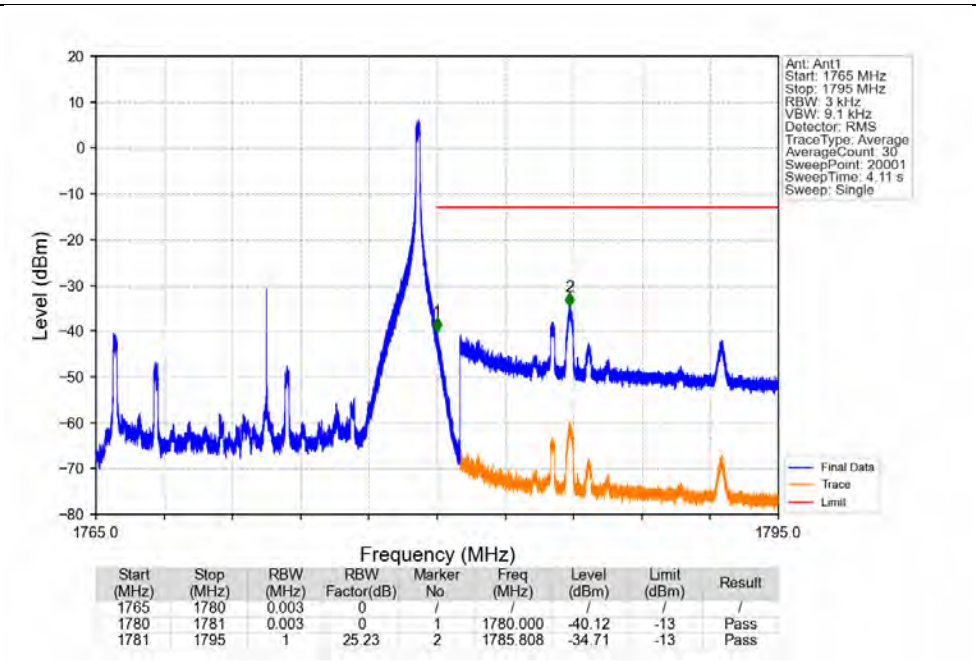
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV

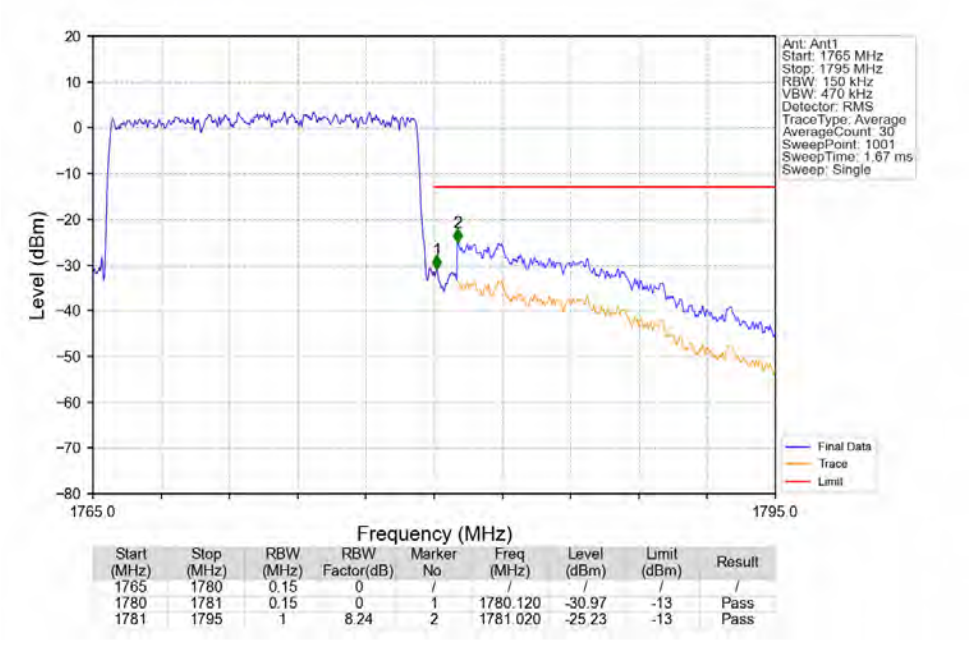


Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.000	-40.12	-13	Pass
1781	1795	1	25.23	2	1785.808	-34.71	-13	Pass

Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.15	0	/	/	/	/	/
1780	1781	0.15	0	1	1780.120	-30.97	-13	Pass
1781	1795	1	8.24	2	1781.020	-25.23	-13	Pass

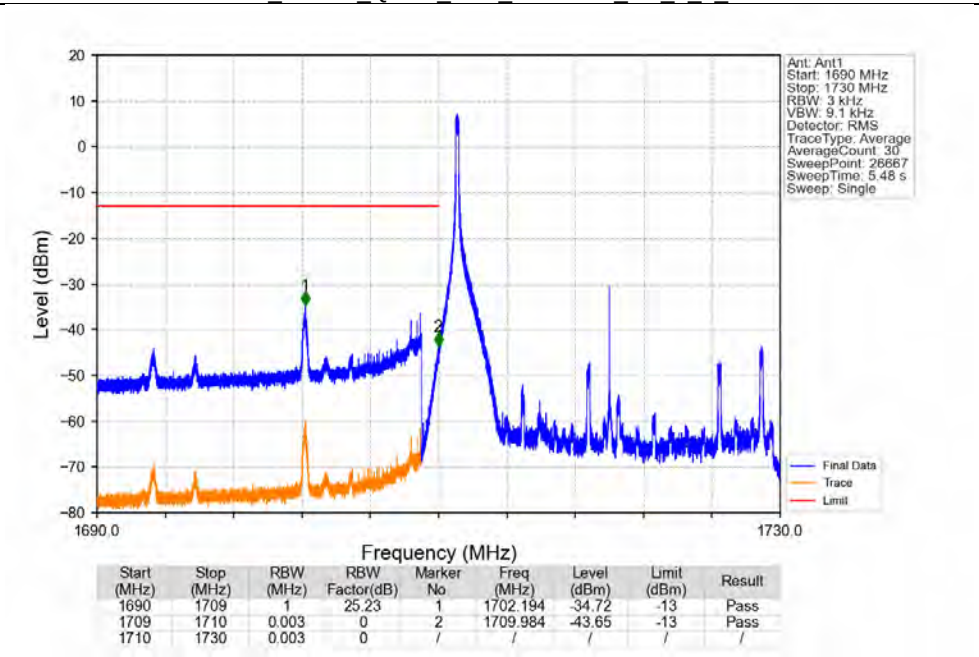
6.6 B66_20MHz

6.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

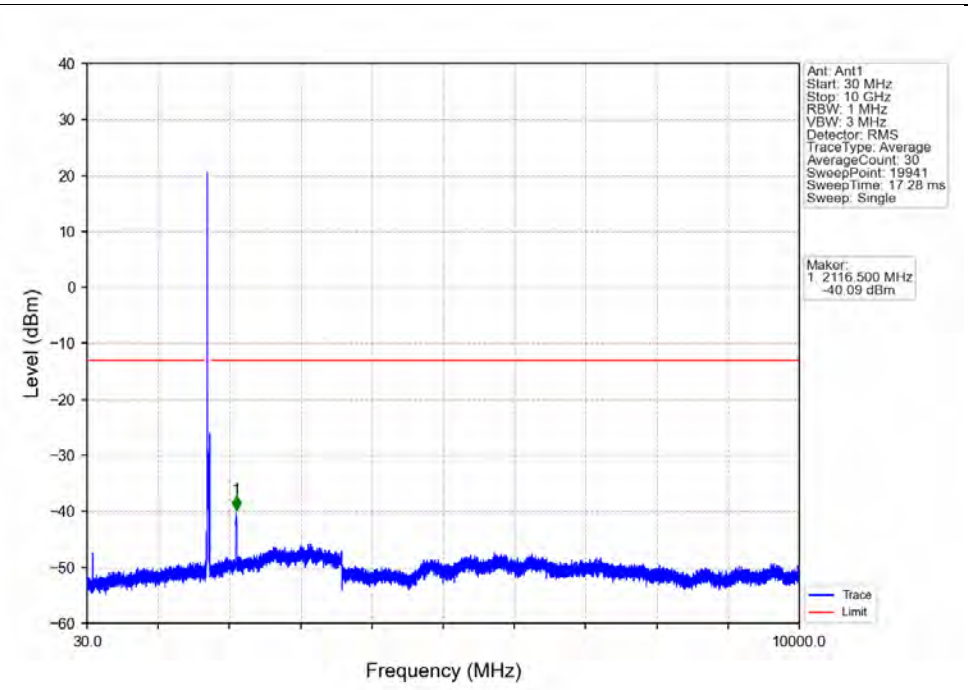
6.6.2 Test Graph

Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

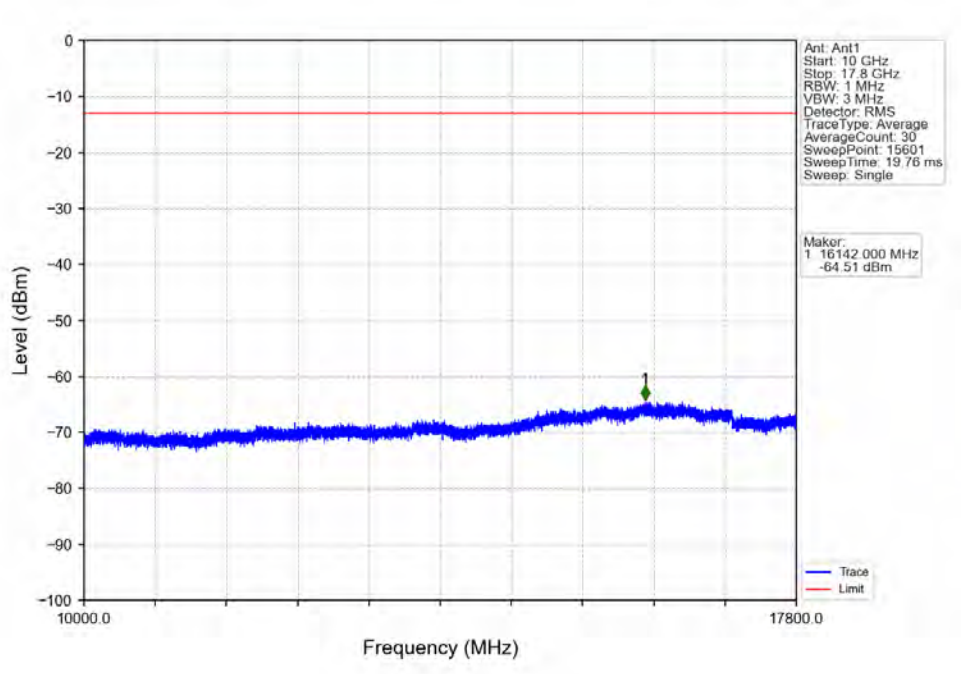


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	25.23	1	1702.194	-34.72	-13	Pass
1709	1710	0.003	0	2	1709.984	-43.65	-13	Pass
1710	1730	0.003	0	/	/	/	/	/

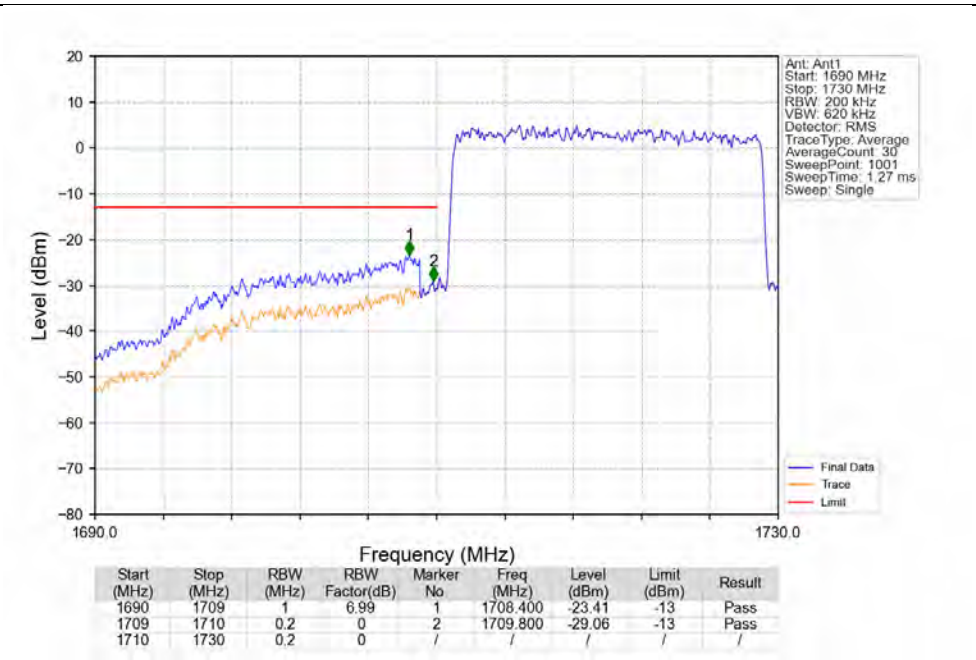
Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

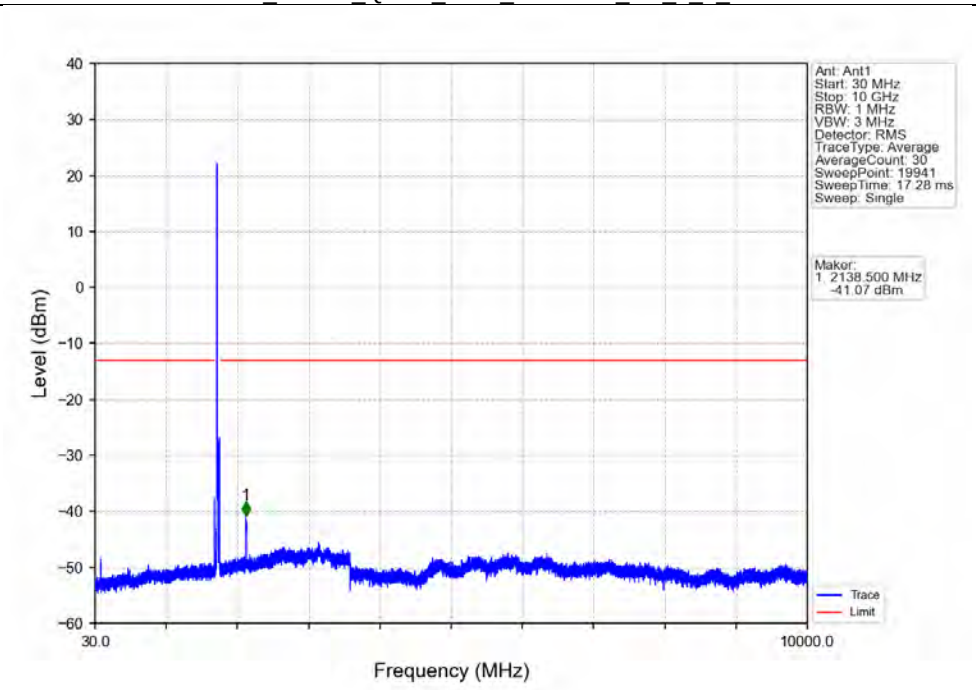


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

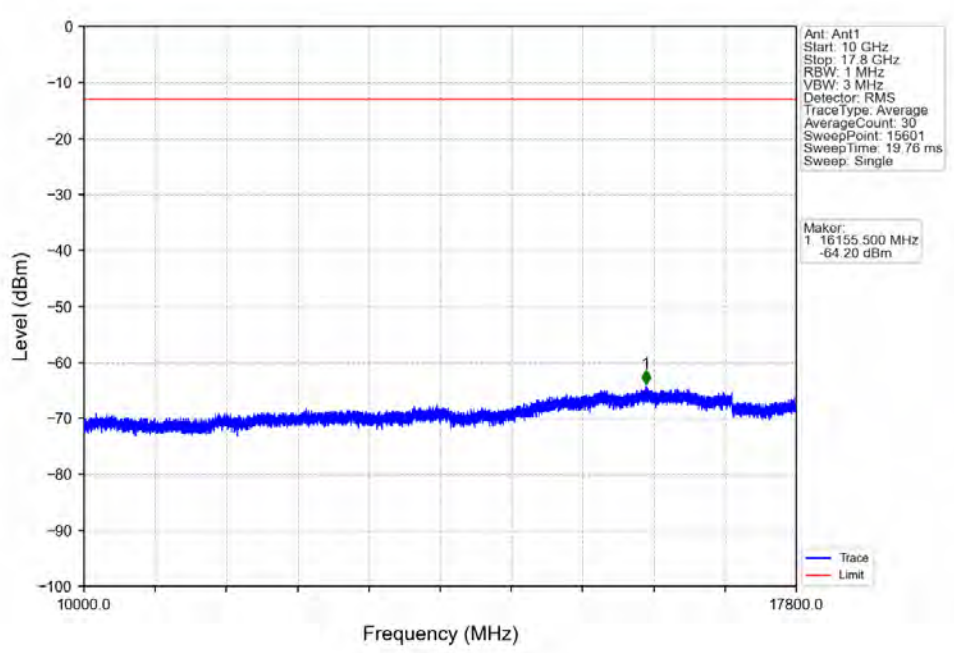


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.99	1	1708.400	-23.41	-13	Pass
1709	1710	0.2	0	2	1709.800	-29.06	-13	Pass
1710	1730	0.2	0	/	/	/	/	/

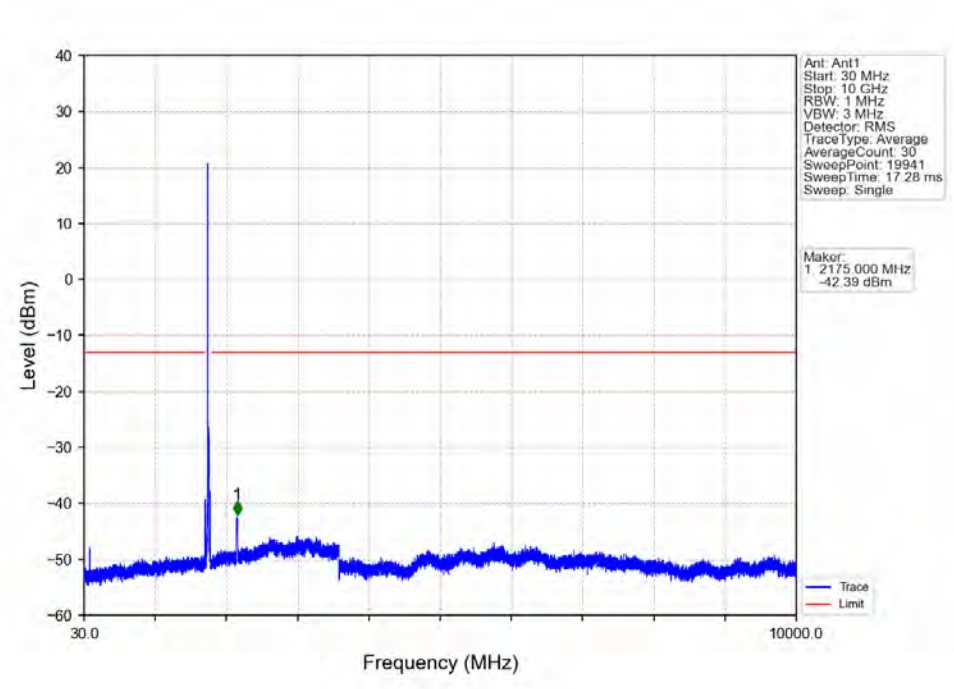
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



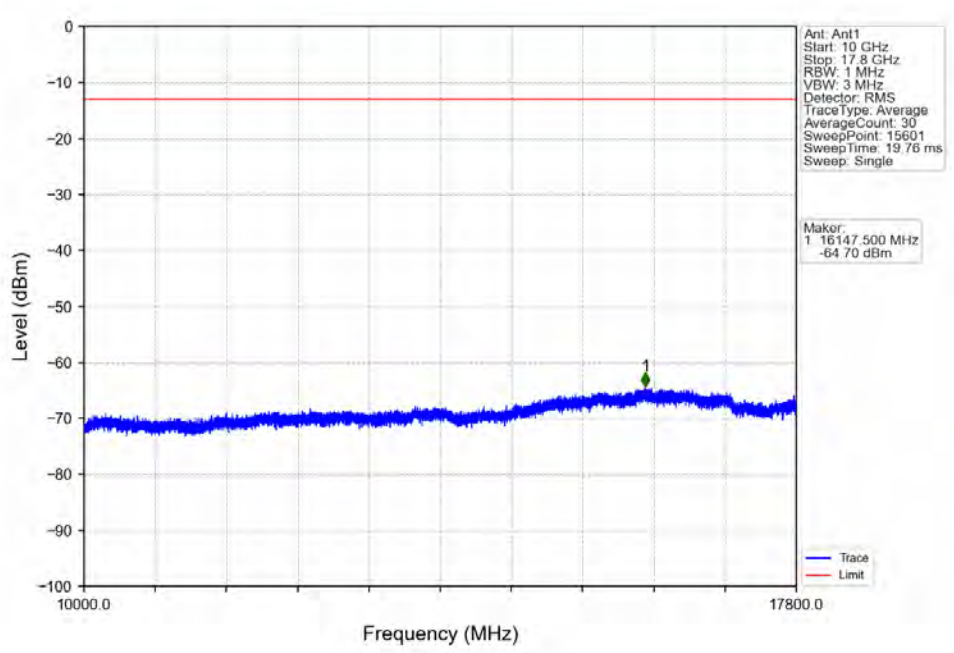
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



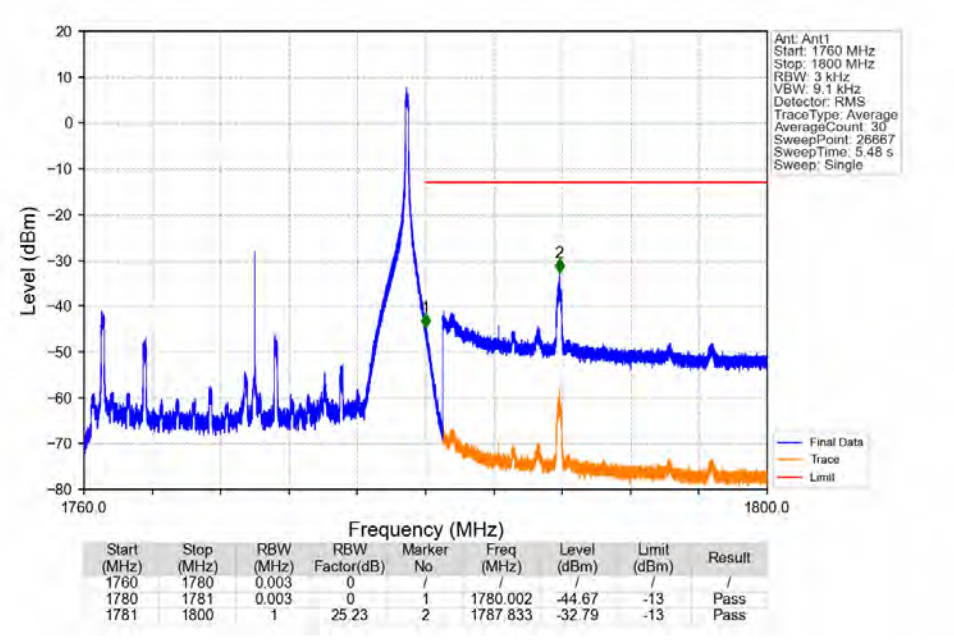
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV

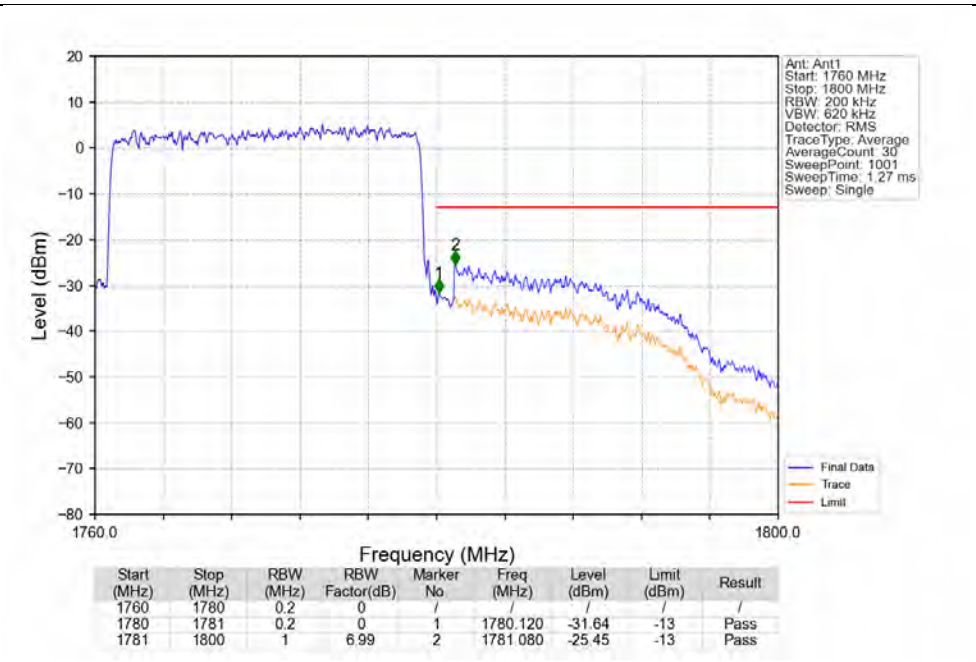


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



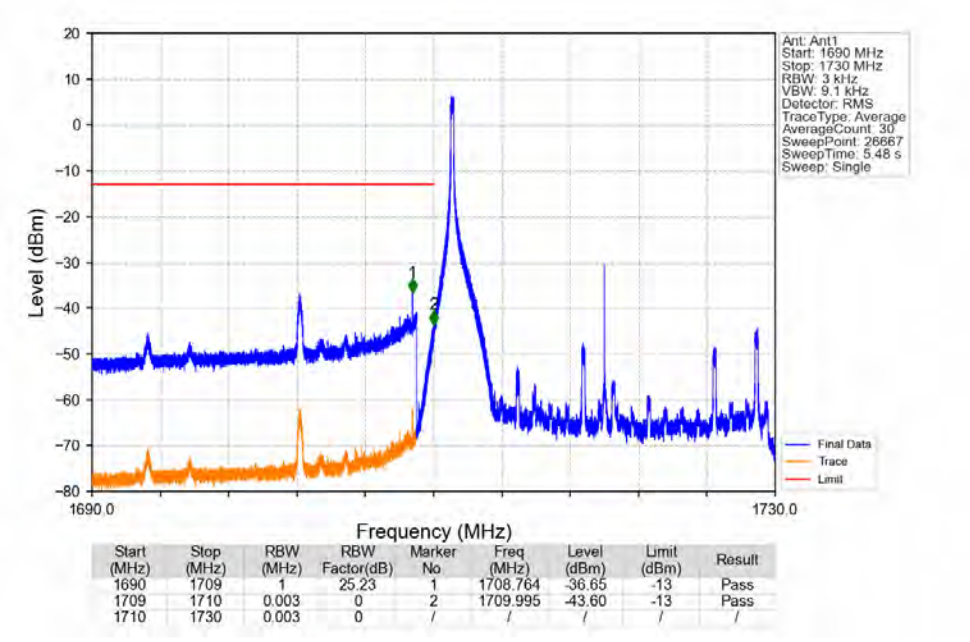
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.002	-44.67	-13	Pass
1781	1800	1	25.23	2	1787.833	-32.79	-13	Pass

Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



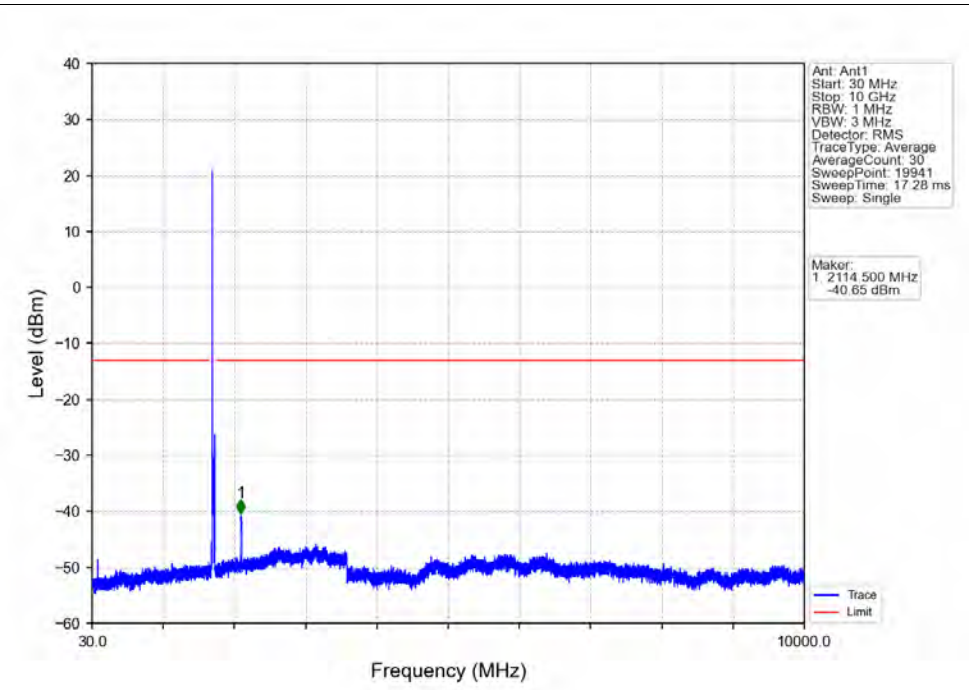
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.2	0	/	/	/	/	/
1780	1781	0.2	0	1	1780.120	-31.64	-13	Pass
1781	1800	1	6.99	2	1781.080	-25.45	-13	Pass

Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

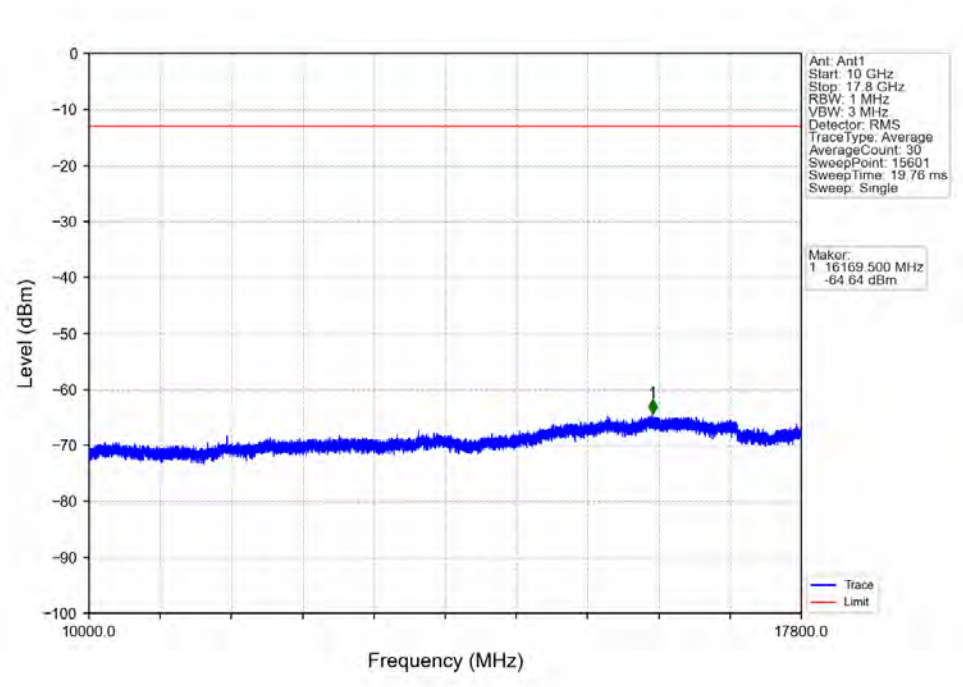


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	25.23	1	1708.764	-36.65	-13	Pass
1709	1710	0.003	0	2	1709.995	-43.60	-13	Pass
1710	1730	0.003	0	/	/	/	/	/

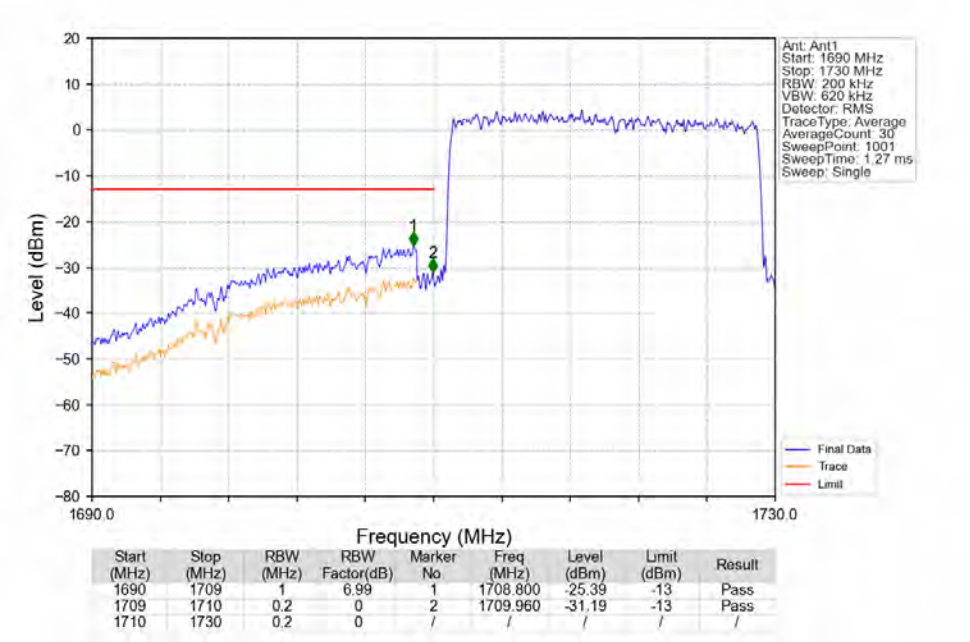
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

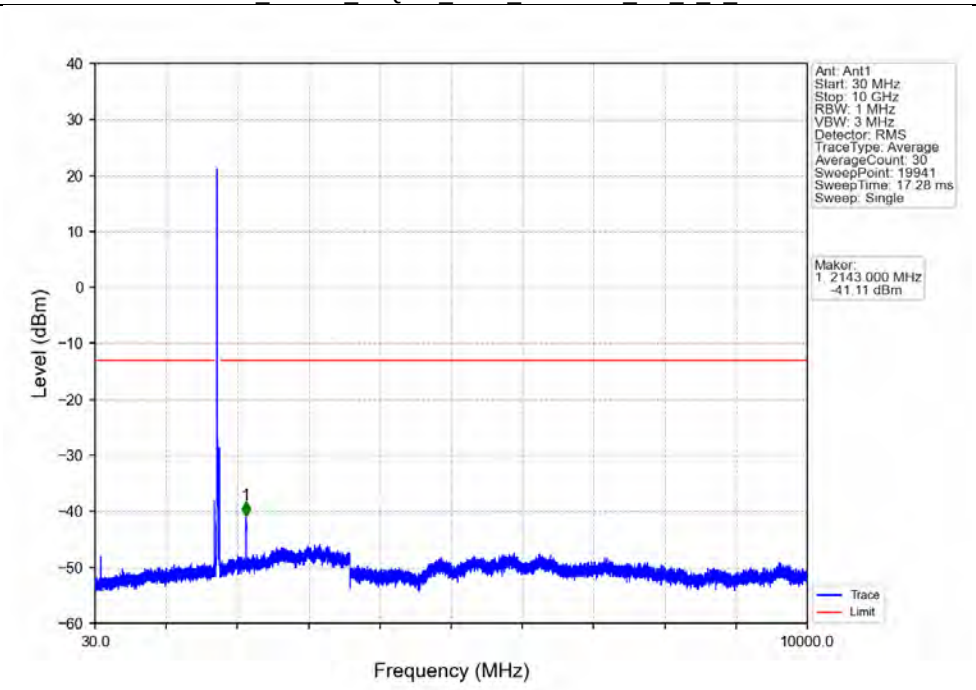


Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

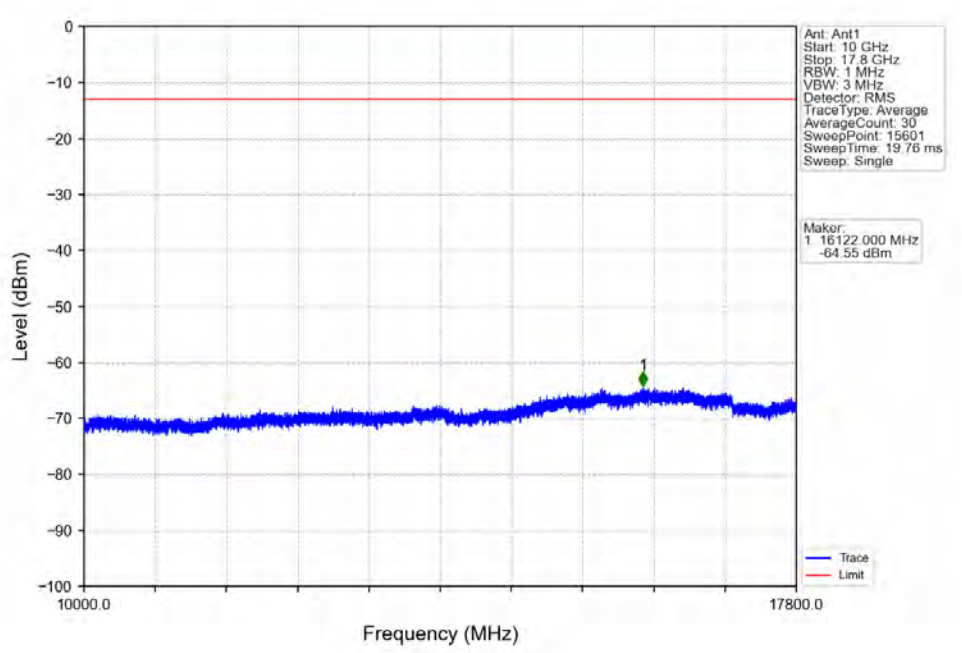


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.99	1	1708.800	-25.39	-13	Pass
1709	1710	0.2	0	2	1709.960	-31.19	-13	Pass
1710	1730	0.2	0	/	/	/	/	/

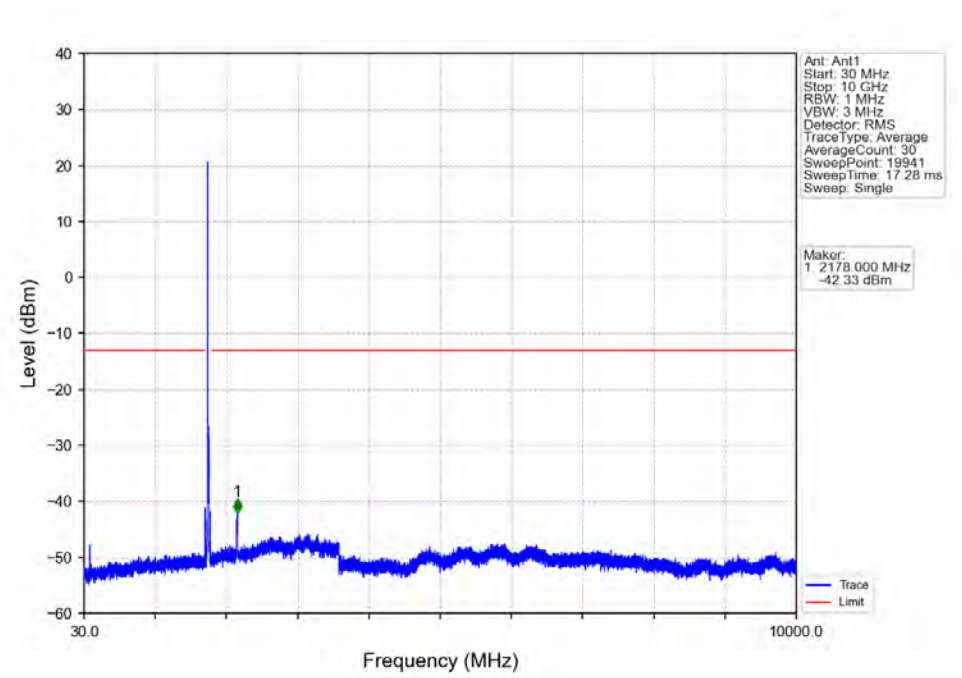
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



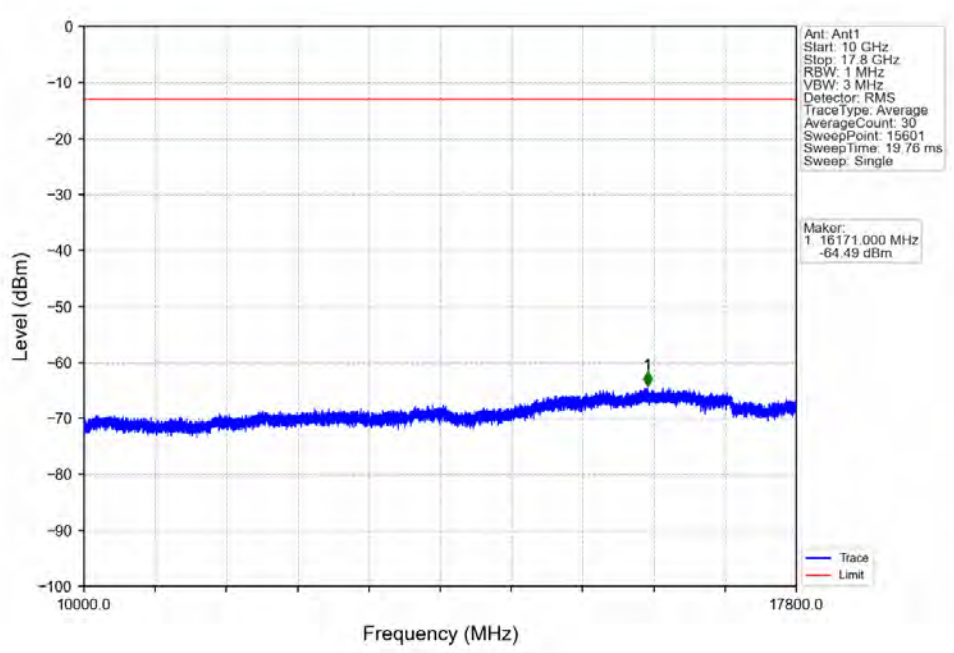
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



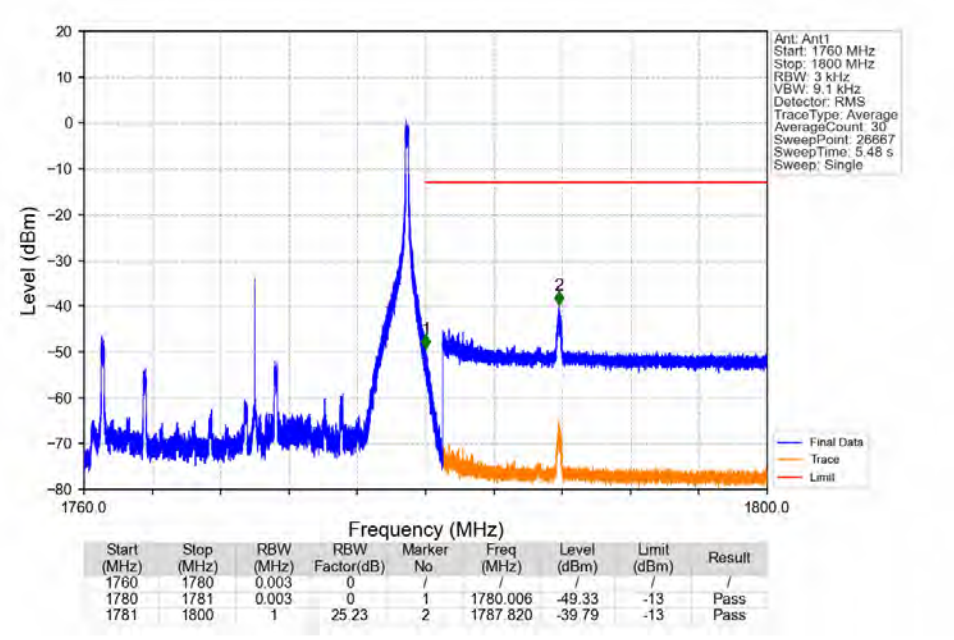
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV

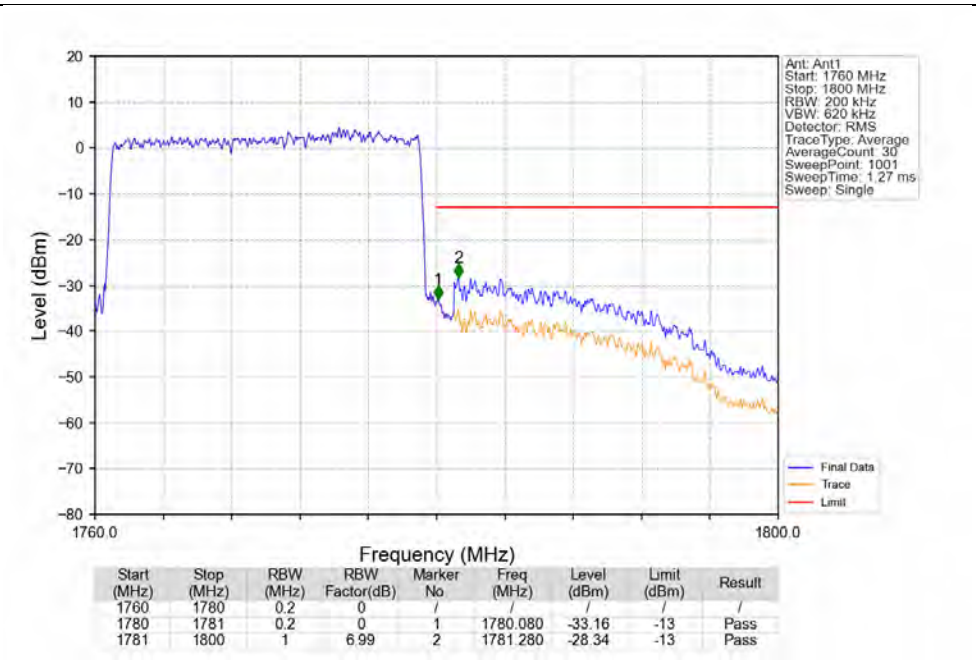


Band66_20MHz_16QAM_HCH_1770MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.006	-49.33	-13	Pass
1781	1800	1	25.23	2	1787.820	-39.79	-13	Pass

Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.2	0	/	/	/	/	/
1780	1781	0.2	0	1	1780.080	-33.16	-13	Pass
1781	1800	1	6.99	2	1781.280	-28.34	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
66	1.4	1710.7	1779.3	0.0619	0.0230	ppm	1M12G7D	27L	17.92
66	1.4	1710.7	1779.3	0.0508	0.0244	ppm	1M12W7D	27L	17.06
66	3	1711.5	1778.5	0.0630	0.0214	ppm	2M78G7D	27L	17.99
66	3	1711.5	1778.5	0.0569	0.0234	ppm	2M78W7D	27L	17.55
66	5	1712.5	1777.5	0.0608	0.0206	ppm	4M56G7D	27L	17.84
66	5	1712.5	1777.5	0.0443	0.0256	ppm	4M59W7D	27L	16.46
66	10	1715	1775	0.0601	0.0239	ppm	9M13G7D	27L	17.79
66	10	1715	1775	0.0528	0.0260	ppm	9M10W7D	27L	17.23
66	15	1717.5	1772.5	0.0579	0.0214	ppm	13M6G7D	27L	17.63
66	15	1717.5	1772.5	0.0493	0.0231	ppm	13M7W7D	27L	16.93
66	20	1720	1770	0.0596	0.0236	ppm	18M2G7D	27L	17.75
66	20	1720	1770	0.0507	0.0236	ppm	18M2W7D	27L	17.05

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
66	1.4	1710.7	1779.3	0.0666	0.0230	ppm	1M12G7D	27L	18.24
66	1.4	1710.7	1779.3	0.0547	0.0244	ppm	1M12W7D	27L	17.38
66	3	1711.5	1778.5	0.0677	0.0214	ppm	2M78G7D	27L	18.31
66	3	1711.5	1778.5	0.0612	0.0234	ppm	2M78W7D	27L	17.87
66	5	1712.5	1777.5	0.0654	0.0206	ppm	4M56G7D	27L	18.16
66	5	1712.5	1777.5	0.0476	0.0256	ppm	4M59W7D	27L	16.78
66	10	1715	1775	0.0647	0.0239	ppm	9M13G7D	27L	18.11
66	10	1715	1775	0.0568	0.0260	ppm	9M10W7D	27L	17.55
66	15	1717.5	1772.5	0.0623	0.0214	ppm	13M6G7D	27L	17.95
66	15	1717.5	1772.5	0.053	0.0231	ppm	13M7W7D	27L	17.25
66	20	1720	1770	0.0641	0.0236	ppm	18M2G7D	27L	18.07
66	20	1720	1770	0.0545	0.0236	ppm	18M2W7D	27L	17.37