

1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	20.73	0.32	21.05	<=30	Pass
			2	21.01	0.32	21.33	<=30	Pass
			5	20.74	0.32	21.06	<=30	Pass
		3	0	20.93	0.32	21.25	<=30	Pass
			2	20.90	0.32	21.22	<=30	Pass
			3	20.97	0.32	21.29	<=30	Pass
		6	0	19.85	0.32	20.17	<=30	Pass
	1745	1	0	21.32	0.32	21.64	<=30	Pass
			2	21.56	0.32	21.88	<=30	Pass
			5	21.31	0.32	21.63	<=30	Pass
		3	0	21.43	0.32	21.75	<=30	Pass
			2	21.40	0.32	21.72	<=30	Pass
			3	21.46	0.32	21.78	<=30	Pass
		6	0	20.37	0.32	20.69	<=30	Pass
	1779.3	1	0	21.55	0.32	21.87	<=30	Pass
			2	21.82	0.32	22.14	<=30	Pass
			5	21.58	0.32	21.90	<=30	Pass
		3	0	21.69	0.32	22.01	<=30	Pass
			2	21.61	0.32	21.93	<=30	Pass
			3	21.67	0.32	21.99	<=30	Pass
16QAM	1710.7	1	0	19.81	0.32	20.13	<=30	Pass
			2	20.00	0.32	20.32	<=30	Pass
			5	19.83	0.32	20.15	<=30	Pass
		3	0	20.03	0.32	20.35	<=30	Pass
			2	19.96	0.32	20.28	<=30	Pass
			3	20.02	0.32	20.34	<=30	Pass
		6	0	18.93	0.32	19.25	<=30	Pass
	1745	1	0	20.70	0.32	21.02	<=30	Pass
			2	20.91	0.32	21.23	<=30	Pass
			5	20.68	0.32	21.00	<=30	Pass
		3	0	20.48	0.32	20.80	<=30	Pass
			2	20.47	0.32	20.79	<=30	Pass
			3	20.51	0.32	20.83	<=30	Pass
		6	0	19.34	0.32	19.66	<=30	Pass
	1779.3	1	0	20.52	0.32	20.84	<=30	Pass
			2	20.71	0.32	21.03	<=30	Pass
			5	20.48	0.32	20.80	<=30	Pass
		3	0	20.56	0.32	20.88	<=30	Pass
			2	20.53	0.32	20.85	<=30	Pass
			3	20.64	0.32	20.96	<=30	Pass
		6	0	19.65	0.32	19.97	<=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	21.38	0.32	21.70	<=30	Pass
			7	21.01	0.32	21.33	<=30	Pass
			14	21.01	0.32	21.33	<=30	Pass
		8	0	19.90	0.32	20.22	<=30	Pass
			4	19.92	0.32	20.24	<=30	Pass
			7	19.94	0.32	20.26	<=30	Pass
		15	0	19.86	0.32	20.18	<=30	Pass
	1745	1	0	21.43	0.32	21.75	<=30	Pass
			7	21.51	0.32	21.83	<=30	Pass
			14	21.52	0.32	21.84	<=30	Pass
		8	0	20.37	0.32	20.69	<=30	Pass
			4	20.39	0.32	20.71	<=30	Pass
			7	20.39	0.32	20.71	<=30	Pass
		15	0	20.34	0.32	20.66	<=30	Pass
	1778.5	1	0	21.53	0.32	21.85	<=30	Pass
			7	21.54	0.32	21.86	<=30	Pass
			14	21.59	0.32	21.91	<=30	Pass
		8	0	20.63	0.32	20.95	<=30	Pass
			4	20.67	0.32	20.99	<=30	Pass
			7	20.66	0.32	20.98	<=30	Pass
		15	0	20.61	0.32	20.93	<=30	Pass
16QAM	1711.5	1	0	20.27	0.32	20.59	<=30	Pass
			7	20.24	0.32	20.56	<=30	Pass
			14	20.41	0.32	20.73	<=30	Pass
		8	0	18.94	0.32	19.26	<=30	Pass
			4	18.98	0.32	19.30	<=30	Pass
			7	18.96	0.32	19.28	<=30	Pass
		15	0	18.91	0.32	19.23	<=30	Pass
	1745	1	0	20.34	0.32	20.66	<=30	Pass
			7	20.24	0.32	20.56	<=30	Pass
			14	20.36	0.32	20.68	<=30	Pass
		8	0	19.29	0.32	19.61	<=30	Pass
			4	19.42	0.32	19.74	<=30	Pass
			7	19.46	0.32	19.78	<=30	Pass
		15	0	19.61	0.32	19.93	<=30	Pass
	1778.5	1	0	20.67	0.32	20.99	<=30	Pass
			7	20.55	0.32	20.87	<=30	Pass
			14	20.67	0.32	20.99	<=30	Pass
		8	0	19.62	0.32	19.94	<=30	Pass
			4	19.65	0.32	19.97	<=30	Pass
			7	19.61	0.32	19.93	<=30	Pass
		15	0	19.57	0.32	19.89	<=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	21.16	0.32	21.48	<=30	Pass	
			13	21.31	0.32	21.63	<=30	Pass	
			24	21.19	0.32	21.51	<=30	Pass	
		12	0	20.17	0.32	20.49	<=30	Pass	
			6	20.29	0.32	20.61	<=30	Pass	
			13	19.96	0.32	20.28	<=30	Pass	
		25	0	19.91	0.32	20.23	<=30	Pass	
		1745	1	0	21.18	0.32	21.50	<=30	Pass
				13	21.48	0.32	21.80	<=30	Pass
	24			21.21	0.32	21.53	<=30	Pass	
	12		0	20.23	0.32	20.55	<=30	Pass	
			6	20.58	0.32	20.90	<=30	Pass	
			13	20.57	0.32	20.89	<=30	Pass	
	25	0	20.46	0.32	20.78	<=30	Pass		
	1777.5	1	0	21.33	0.32	21.65	<=30	Pass	
			13	21.50	0.32	21.82	<=30	Pass	
			24	21.42	0.32	21.74	<=30	Pass	
		12	0	20.50	0.32	20.82	<=30	Pass	
			6	20.53	0.32	20.85	<=30	Pass	
			13	20.55	0.32	20.87	<=30	Pass	
		25	0	20.53	0.32	20.85	<=30	Pass	
16QAM		1712.5	1	0	19.70	0.32	20.02	<=30	Pass
				13	19.86	0.32	20.18	<=30	Pass
	24			19.78	0.32	20.10	<=30	Pass	
	12		0	18.84	0.32	19.16	<=30	Pass	
			6	18.93	0.32	19.25	<=30	Pass	
			13	18.90	0.32	19.22	<=30	Pass	
	25		0	18.95	0.32	19.27	<=30	Pass	
	1745	1	0	20.59	0.32	20.91	<=30	Pass	
			13	20.74	0.32	21.06	<=30	Pass	
			24	20.67	0.32	20.99	<=30	Pass	
		12	0	19.27	0.32	19.59	<=30	Pass	
			6	19.35	0.32	19.67	<=30	Pass	
			13	19.39	0.32	19.71	<=30	Pass	
	25	0	19.45	0.32	19.77	<=30	Pass		
	1777.5	1	0	20.52	0.32	20.84	<=30	Pass	
			13	20.70	0.32	21.02	<=30	Pass	
			24	20.59	0.32	20.91	<=30	Pass	
		12	0	19.52	0.32	19.84	<=30	Pass	
			6	19.57	0.32	19.89	<=30	Pass	
			13	19.56	0.32	19.88	<=30	Pass	
		25	0	19.53	0.32	19.85	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.29	0.32	21.61	<=30	Pass
			25	21.34	0.32	21.66	<=30	Pass

		25	49	20.95	0.32	21.27	<=30	Pass
			0	19.91	0.32	20.23	<=30	Pass
			13	20.02	0.32	20.34	<=30	Pass
			25	20.40	0.32	20.72	<=30	Pass
		50	0	20.43	0.32	20.75	<=30	Pass
		25	21.51	0.32	21.83	<=30	Pass	
		49	21.34	0.32	21.66	<=30	Pass	
		25	0	20.35	0.32	20.67	<=30	Pass
	13		20.39	0.32	20.71	<=30	Pass	
	25		20.41	0.32	20.73	<=30	Pass	
	50	0	20.37	0.32	20.69	<=30	Pass	
	25	21.52	0.32	21.84	<=30	Pass		
	49	21.45	0.32	21.77	<=30	Pass		
	25	0	20.62	0.32	20.94	<=30	Pass	
		13	20.61	0.32	20.93	<=30	Pass	
		25	20.64	0.32	20.96	<=30	Pass	
	50	0	20.63	0.32	20.95	<=30	Pass	

16QAM	1715	1	0	20.17	0.32	20.49	<=30	Pass
			25	20.44	0.32	20.76	<=30	Pass
			49	20.32	0.32	20.64	<=30	Pass
		25	0	18.89	0.32	19.21	<=30	Pass
			13	19.34	0.32	19.66	<=30	Pass
			25	19.25	0.32	19.57	<=30	Pass
		50	0	19.41	0.32	19.73	<=30	Pass
		25	20.41	0.32	20.73	<=30	Pass	
	49	20.28	0.32	20.60	<=30	Pass		
	25	0	19.44	0.32	19.76	<=30	Pass	
		13	19.43	0.32	19.75	<=30	Pass	
		25	19.43	0.32	19.75	<=30	Pass	
	50	0	19.38	0.32	19.70	<=30	Pass	
	25	20.65	0.32	20.97	<=30	Pass		
	49	20.58	0.32	20.90	<=30	Pass		
	25	0	19.64	0.32	19.96	<=30	Pass	
		13	19.63	0.32	19.95	<=30	Pass	
		25	19.63	0.32	19.95	<=30	Pass	
	50	0	19.59	0.32	19.91	<=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	21.11	0.32	21.43	<=30	Pass
			38	21.29	0.32	21.61	<=30	Pass
			74	20.93	0.32	21.25	<=30	Pass
		36	0	19.84	0.32	20.16	<=30	Pass
			18	19.89	0.32	20.21	<=30	Pass
			39	19.95	0.32	20.27	<=30	Pass

	1745	75	0	19.86	0.32	20.18	<=30	Pass	
			0	21.08	0.32	21.40	<=30	Pass	
		1	38	21.39	0.32	21.71	<=30	Pass	
			74	21.15	0.32	21.47	<=30	Pass	
			36	0	20.22	0.32	20.54	<=30	Pass
				18	20.29	0.32	20.61	<=30	Pass
		39		20.27	0.32	20.59	<=30	Pass	
		75	0	20.28	0.32	20.60	<=30	Pass	
		1772.5	1	0	21.13	0.32	21.45	<=30	Pass
				38	21.46	0.32	21.78	<=30	Pass
	74			21.32	0.32	21.64	<=30	Pass	
	36		0	20.46	0.32	20.78	<=30	Pass	
			18	20.47	0.32	20.79	<=30	Pass	
			39	20.50	0.32	20.82	<=30	Pass	
	75		0	20.49	0.32	20.81	<=30	Pass	
	16QAM		1717.5	1	0	19.59	0.32	19.91	<=30
38		19.89			0.32	20.21	<=30	Pass	
74		19.75			0.32	20.07	<=30	Pass	
36		0		18.75	0.32	19.07	<=30	Pass	
		18		18.88	0.32	19.20	<=30	Pass	
		39		18.95	0.32	19.27	<=30	Pass	
75		0		18.87	0.32	19.19	<=30	Pass	
1745		1	0	19.96	0.32	20.28	<=30	Pass	
			38	20.29	0.32	20.61	<=30	Pass	
			74	20.12	0.32	20.44	<=30	Pass	
		36	0	19.24	0.32	19.56	<=30	Pass	
			18	19.29	0.32	19.61	<=30	Pass	
			39	19.30	0.32	19.62	<=30	Pass	
75		0	19.31	0.32	19.63	<=30	Pass		
1772.5		1	0	20.18	0.32	20.50	<=30	Pass	
			38	20.51	0.32	20.83	<=30	Pass	
			74	20.38	0.32	20.70	<=30	Pass	
		36	0	19.47	0.32	19.79	<=30	Pass	
			18	19.45	0.32	19.77	<=30	Pass	
			39	19.45	0.32	19.77	<=30	Pass	
		75	0	19.50	0.32	19.82	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

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	20.62	0.32	20.94	<=30	Pass
			50	20.99	0.32	21.31	<=30	Pass
			99	20.71	0.32	21.03	<=30	Pass
		50	0	19.81	0.32	20.13	<=30	Pass
			25	19.91	0.32	20.23	<=30	Pass
			50	19.94	0.32	20.26	<=30	Pass
		100	0	19.89	0.32	20.21	<=30	Pass
	1745	1	0	20.82	0.32	21.14	<=30	Pass
			50	21.38	0.32	21.70	<=30	Pass
			99	21.01	0.32	21.33	<=30	Pass

		50	0	20.29	0.32	20.61	<=30	Pass
			25	20.34	0.32	20.66	<=30	Pass
			50	20.42	0.32	20.74	<=30	Pass
		100	0	20.30	0.32	20.62	<=30	Pass
	1770	1	0	20.95	0.32	21.27	<=30	Pass
			50	21.45	0.32	21.77	<=30	Pass
			99	21.17	0.32	21.49	<=30	Pass
		50	0	20.54	0.32	20.86	<=30	Pass
			25	20.44	0.32	20.76	<=30	Pass
			50	20.45	0.32	20.77	<=30	Pass
		100	0	20.49	0.32	20.81	<=30	Pass
16QAM	1720	1	0	19.57	0.32	19.89	<=30	Pass
			50	20.03	0.32	20.35	<=30	Pass
			99	19.79	0.32	20.11	<=30	Pass
		50	0	18.79	0.32	19.11	<=30	Pass
			25	18.86	0.32	19.18	<=30	Pass
			50	18.96	0.32	19.28	<=30	Pass
		100	0	18.82	0.32	19.14	<=30	Pass
	1745	1	0	19.66	0.32	19.98	<=30	Pass
			50	20.22	0.32	20.54	<=30	Pass
			99	19.89	0.32	20.21	<=30	Pass
		50	0	19.24	0.32	19.56	<=30	Pass
			25	19.28	0.32	19.60	<=30	Pass
			50	19.37	0.32	19.69	<=30	Pass
		100	0	19.32	0.32	19.64	<=30	Pass
	1770	1	0	20.40	0.32	20.72	<=30	Pass
			50	20.88	0.32	21.20	<=30	Pass
			99	20.64	0.32	20.96	<=30	Pass
		50	0	19.51	0.32	19.83	<=30	Pass
			25	19.43	0.32	19.75	<=30	Pass
			50	19.41	0.32	19.73	<=30	Pass
		100	0	19.43	0.32	19.75	<=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	-10.972	-0.0064	-2.5 to 2.5	Pass
					3.85	0.114	0.0001	-2.5 to 2.5	Pass
					4.43	-6.137	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-10.571	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-14.005	-0.0082	-2.5 to 2.5	Pass
				10	3.85	2.103	0.0012	-2.5 to 2.5	Pass
				30	3.85	-8.154	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass

	1745	6	0	20	3.27	-6.309	-0.0036	-2.5 to 2.5	Pass
					3.85	3.233	0.0019	-2.5 to 2.5	Pass
					4.43	-7.424	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	2.217	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-11.330	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				30	3.85	5.250	0.0030	-2.5 to 2.5	Pass
	1779.3	6	0	40	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-10.614	-0.0060	-2.5 to 2.5	Pass
					3.85	-6.967	-0.0039	-2.5 to 2.5	Pass
					4.43	0.215	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-8.798	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-8.025	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-8.512	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	10	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-9.871	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-8.640	-0.0051	-2.5 to 2.5	Pass
					3.85	-9.141	-0.0053	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0016	-2.5 to 2.5	Pass
				10	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
	1779.3	6	0	40	3.85	-7.167	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-13.046	-0.0076	-2.5 to 2.5	Pass
				20	3.27	-1.402	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
					4.43	-10.300	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-7.639	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
				30	3.85	3.819	0.0022	-2.5 to 2.5	Pass
				40	3.85	-11.001	-0.0063	-2.5 to 2.5	Pass
				50	3.85	3.619	0.0021	-2.5 to 2.5	Pass
				20	3.27	-12.159	-0.0068	-2.5 to 2.5	Pass
					3.85	-4.120	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-9.785	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-9.599	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-9.227	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	1.359	0.0008	-2.5 to 2.5	Pass
					3.85	2.518	0.0015	-2.5 to 2.5	Pass
					4.43	3.390	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				30	3.85	4.063	0.0024	-2.5 to 2.5	Pass
				40	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				50	3.85	3.033	0.0018	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-8.612	-0.0049	-2.5 to 2.5	Pass
					3.85	1.202	0.0007	-2.5 to 2.5	Pass
					4.43	2.003	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.964	0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.245	0.0007	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-4.506	-0.0025	-2.5 to 2.5	Pass
					3.85	-12.989	-0.0073	-2.5 to 2.5	Pass
					4.43	-6.509	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-7.825	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-5.207	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-7.324	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-10.128	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-7.954	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-7.911	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-11.959	-0.0067	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	12.159	0.0071	-2.5 to 2.5	Pass
					3.85	4.048	0.0024	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-3.190	-0.0019	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.377	-0.0025	-2.5 to 2.5	Pass
					3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
					4.43	1.831	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass

				-10	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
				0	3.85	3.033	0.0017	-2.5 to 2.5	Pass
				10	3.85	3.576	0.0020	-2.5 to 2.5	Pass
				30	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				40	3.85	4.449	0.0025	-2.5 to 2.5	Pass
				50	3.85	3.834	0.0022	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-11.859	-0.0067	-2.5 to 2.5	Pass
					3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
					4.43	-7.453	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-11.287	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-13.433	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-4.678	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-14.305	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-7.181	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.991	-0.0022	-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	-5.364	-0.0031	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
					4.43	-4.206	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-5.279	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-5.937	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-4.678	-0.0027	-2.5 to 2.5	Pass
					3.85	-9.928	-0.0057	-2.5 to 2.5	Pass
					4.43	0.830	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-8.068	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-8.740	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-7.296	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-7.954	-0.0045	-2.5 to 2.5	Pass
					3.85	1.616	0.0009	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-7.896	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass

16QAM	1712.5	25	0	30	3.85	-9.484	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-10.185	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				20	3.27	-2.131	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	1.717	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-1.101	-0.0006	-2.5 to 2.5	Pass
					3.85	-8.569	-0.0049	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-10.514	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-8.111	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				40	3.85	8.311	0.0048	-2.5 to 2.5	Pass
				50	3.85	2.875	0.0016	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-7.625	-0.0043	-2.5 to 2.5	Pass
					3.85	-8.411	-0.0047	-2.5 to 2.5	Pass
					4.43	-2.260	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.679	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-6.952	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-9.356	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-9.756	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-11.902	-0.0067	-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	-8.025	-0.0047	-2.5 to 2.5	Pass
					3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
					4.43	-7.238	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass

	1745	50	0	20	3.27	-4.334	-0.0025	-2.5 to 2.5	Pass
					3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-9.298	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-9.212	-0.0052	-2.5 to 2.5	Pass
					3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				30	3.85	3.233	0.0018	-2.5 to 2.5	Pass
				40	3.85	-8.068	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-5.193	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
					4.43	-7.997	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-9.084	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-8.826	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-8.454	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-11.930	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-11.187	-0.0065	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	0.458	0.0003	-2.5 to 2.5	Pass
					3.85	2.017	0.0012	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.332	0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
				50	3.85	3.562	0.0020	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-1.702	-0.0010	-2.5 to 2.5	Pass
					3.85	-6.065	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-7.682	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-7.110	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-7.582	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-7.181	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-7.381	-0.0042	-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	-5.350	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.975	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	4.048	0.0024	-2.5 to 2.5	Pass
				0	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-3.033	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-9.499	-0.0054	-2.5 to 2.5	Pass
					3.85	0.944	0.0005	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-8.054	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-5.021	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.866	-0.0039	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-6.294	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-5.579	-0.0032	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
					4.43	-3.934	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass

				-10	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-6.809	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-8.068	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-4.249	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-7.696	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-6.094	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-7.424	-0.0042	-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	-1.860	-0.0011	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.136	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
					4.43	-7.153	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-6.809	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0048	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-3.490	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.748	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-6.752	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass

				30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-7.110	-0.0041	-2.5 to 2.5	Pass
					3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
					4.43	-8.583	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-10.314	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-10.357	-0.0060	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.306	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-8.769	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-10.557	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				40	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-3.791	-0.0021	-2.5 to 2.5	Pass
					4.43	-0.386	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass

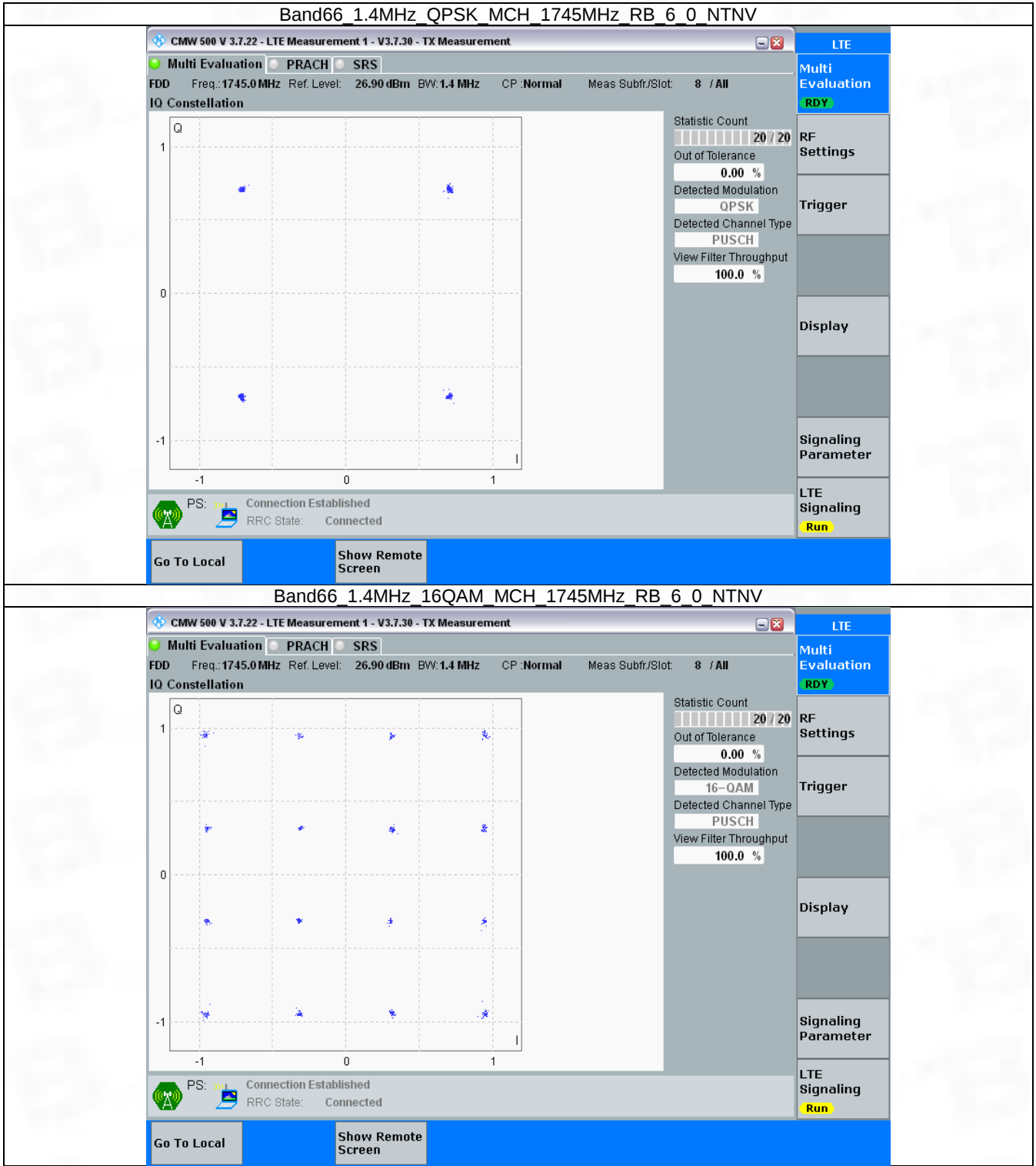
3. Modulation Characteristics

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

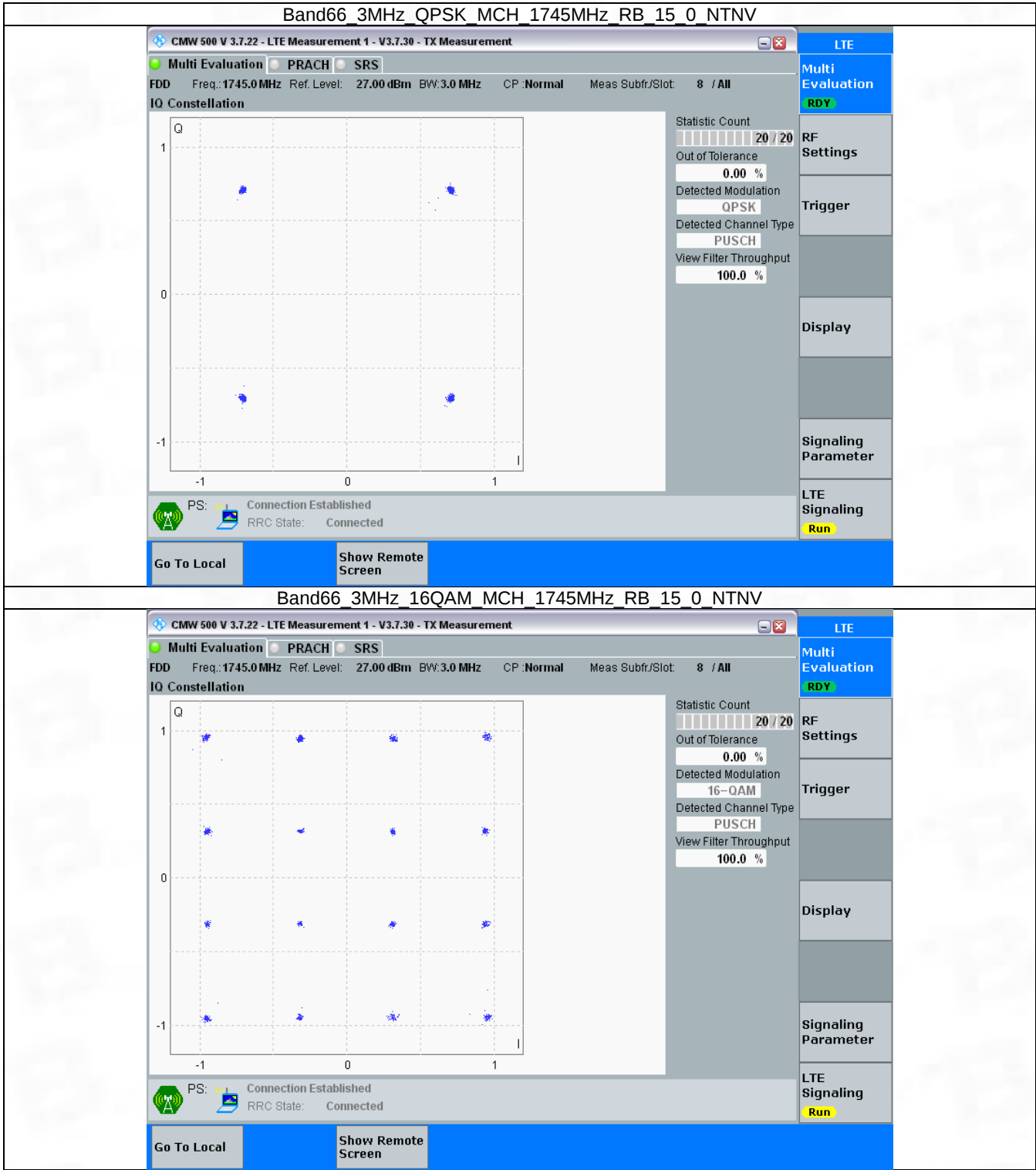


3.2 B66_3MHz

3.2.1 Test Result

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

3.2.2 Test Graph

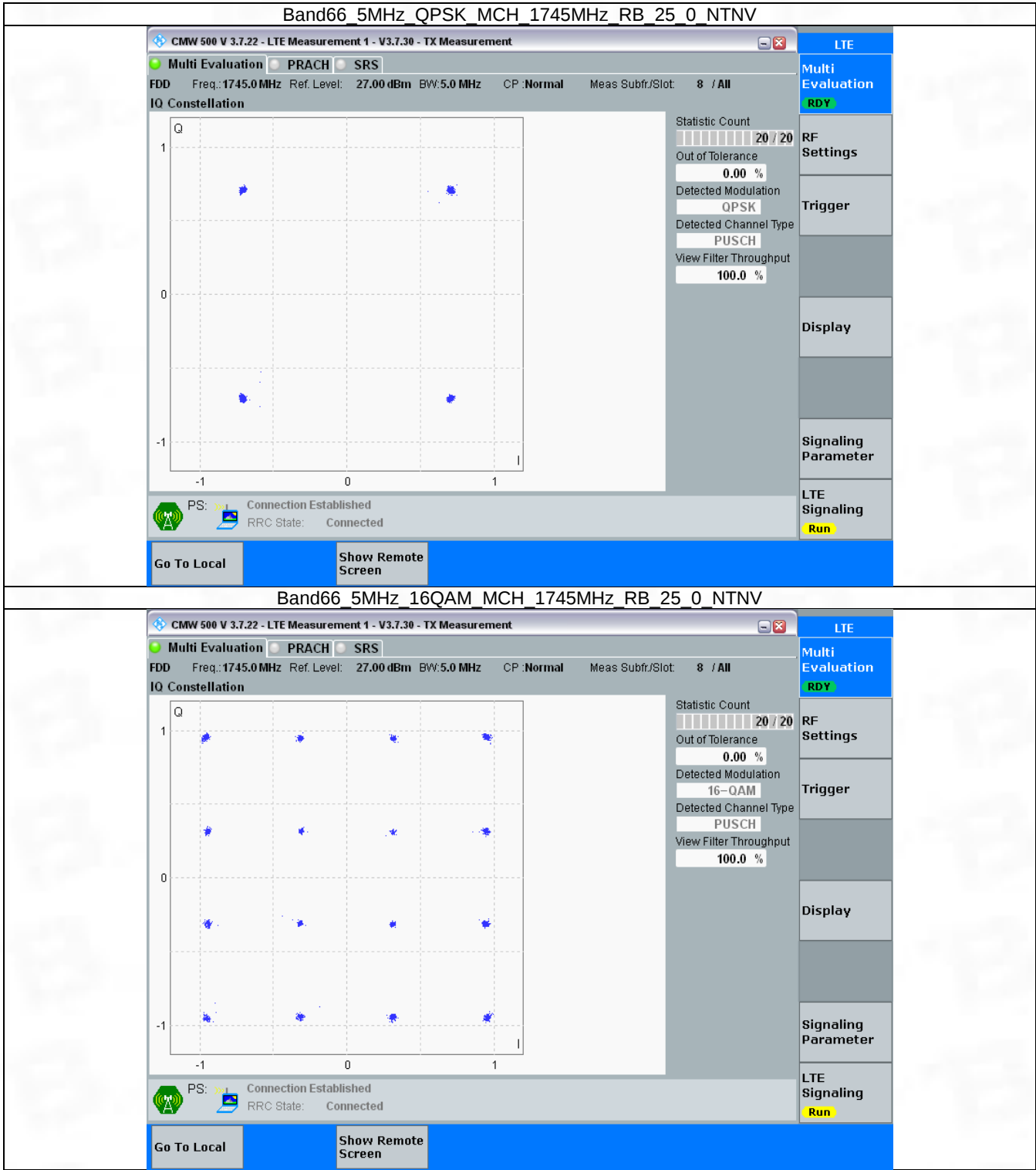


3.3 B66_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

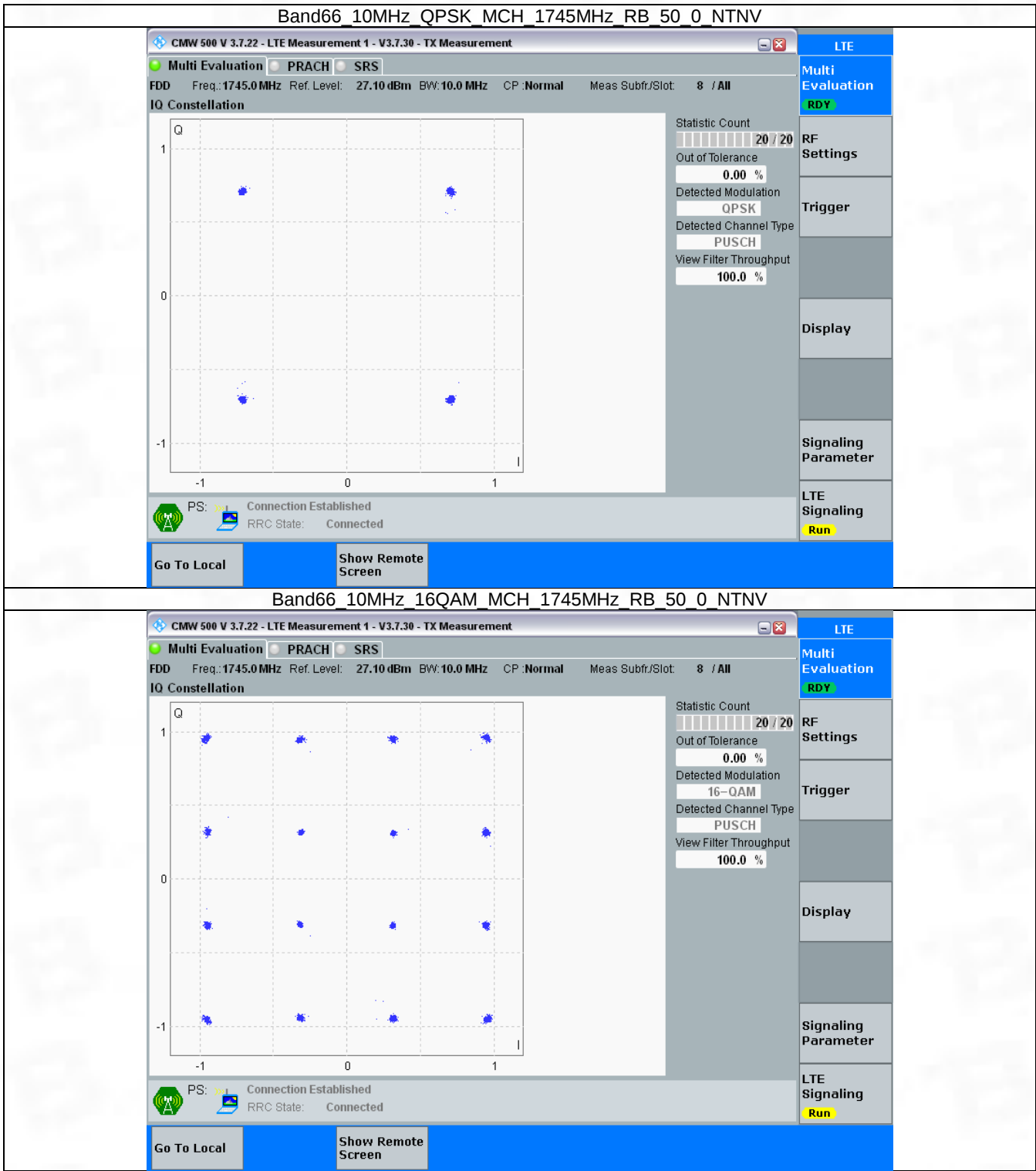


3.4 B66_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph

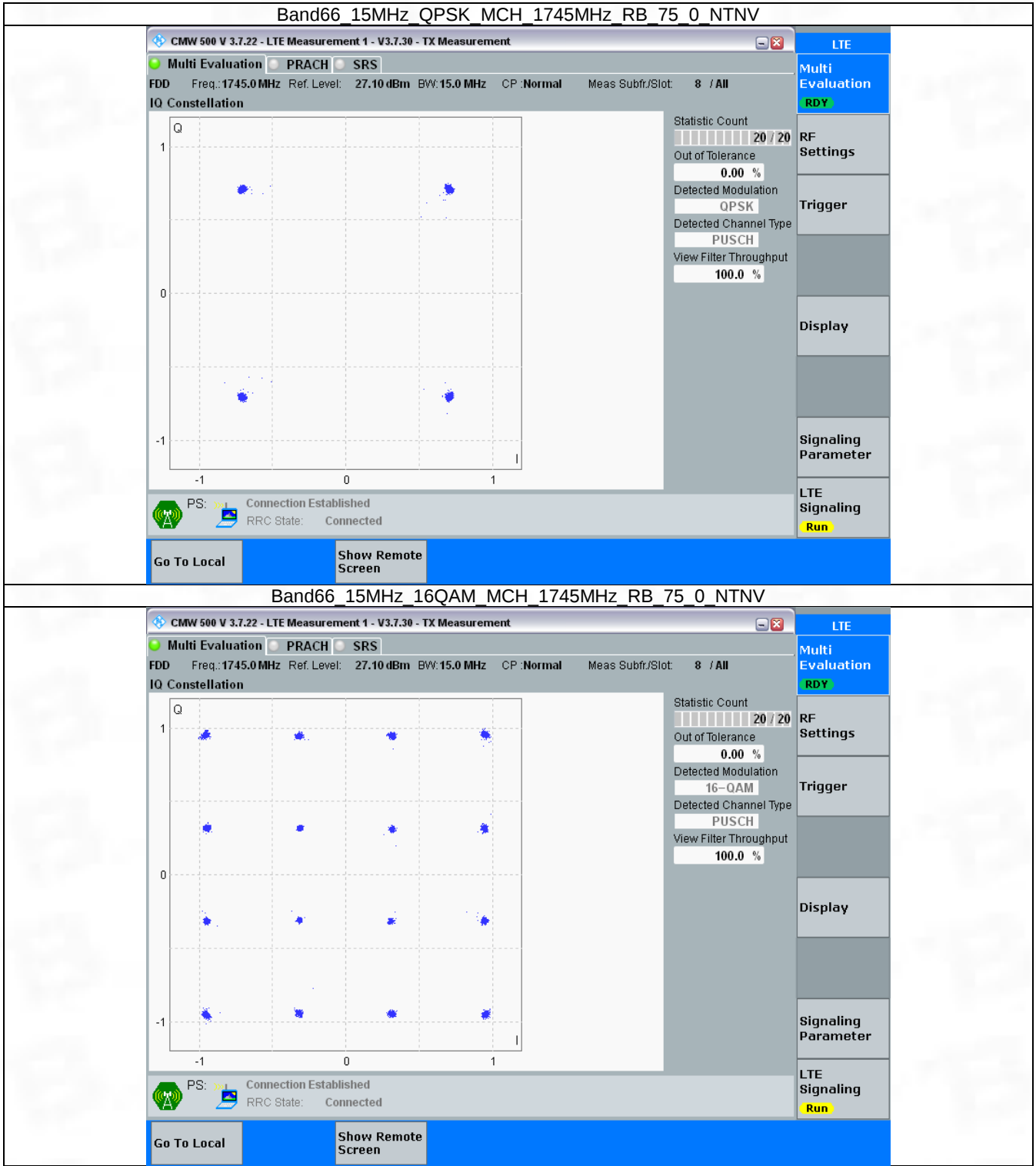


3.5 B66_15MHz

3.5.1 Test Result

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

3.5.2 Test Graph

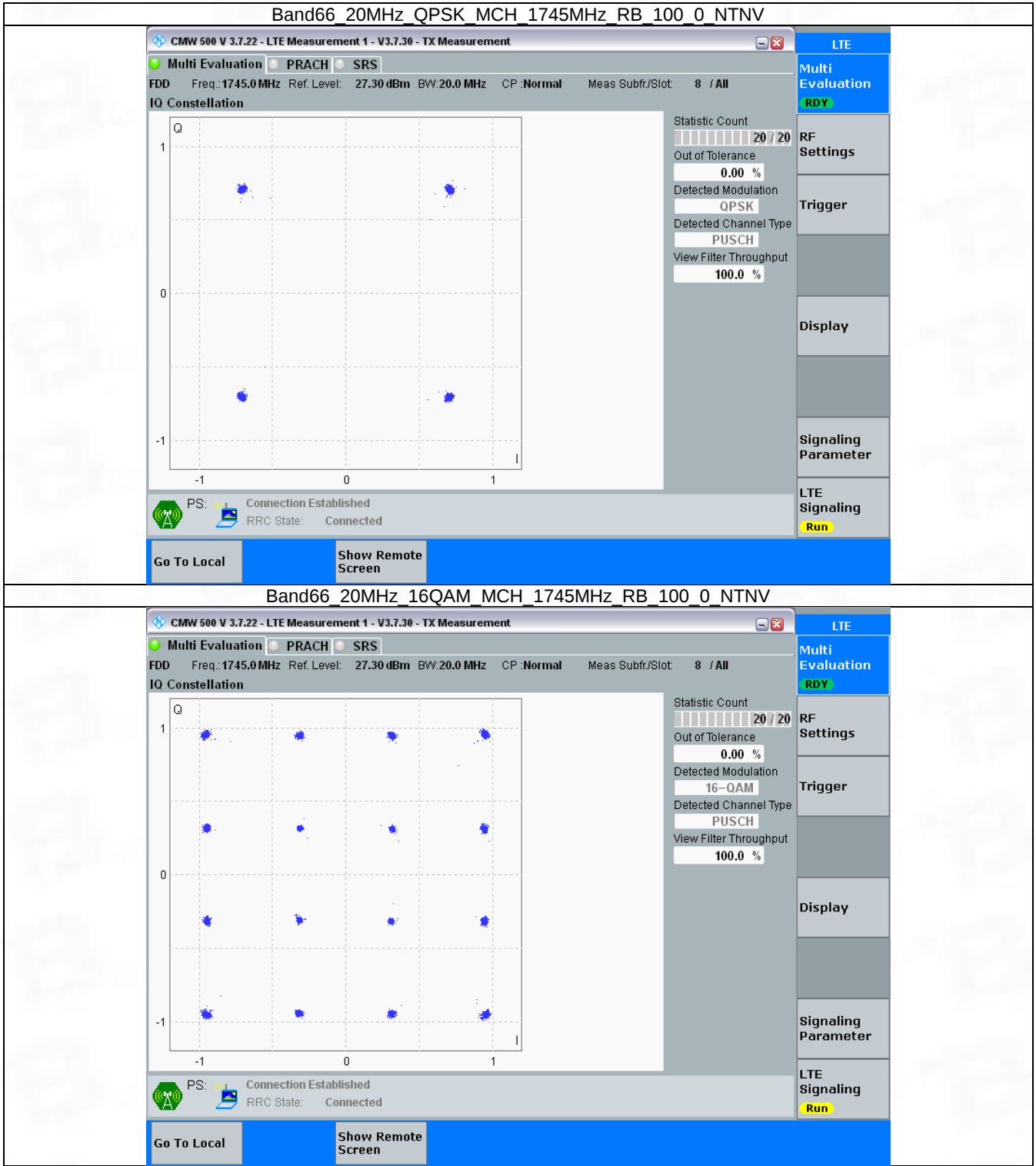


3.6 B66_20MHz

3.6.1 Test Result

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

3.6.2 Test Graph



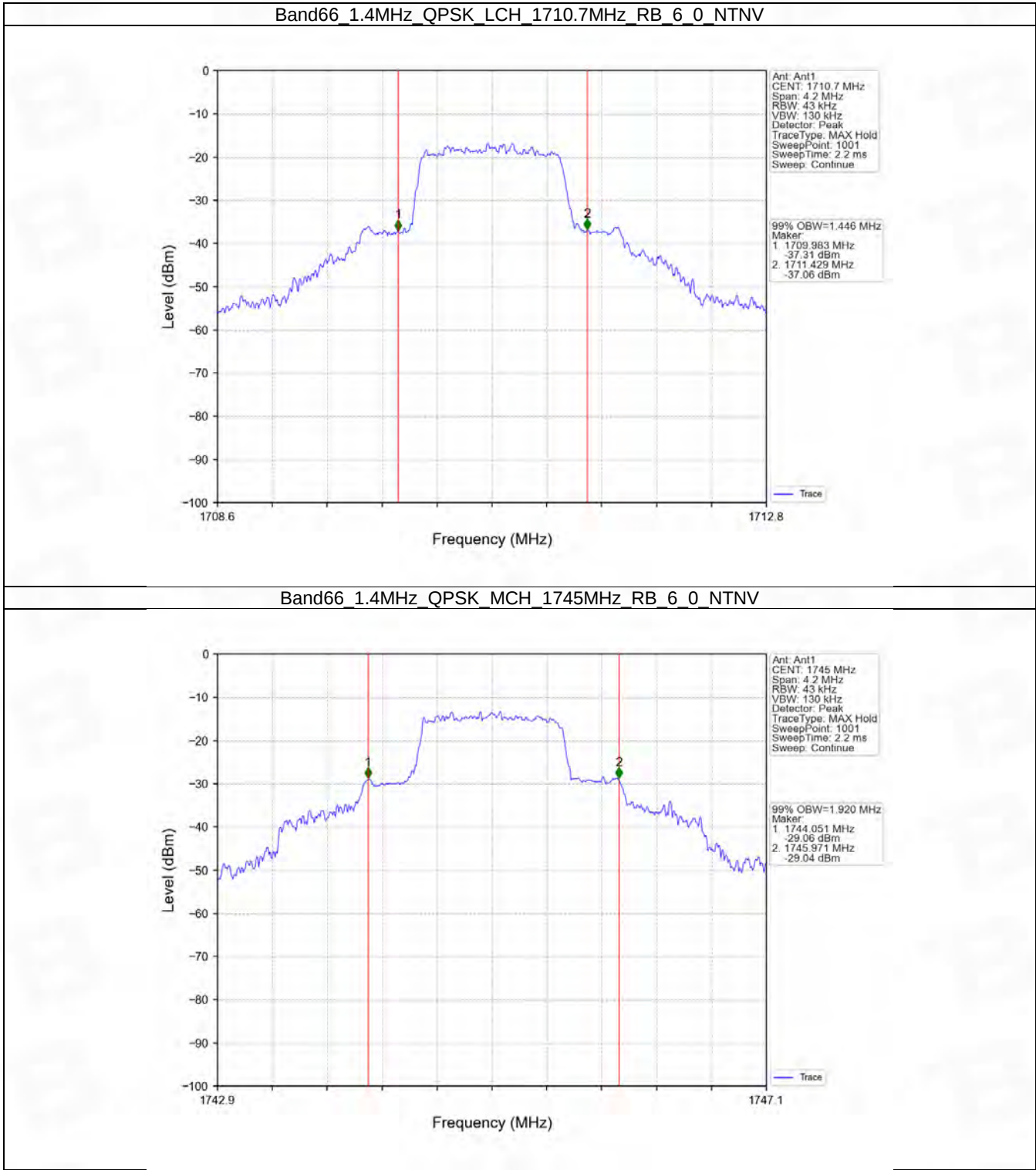
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

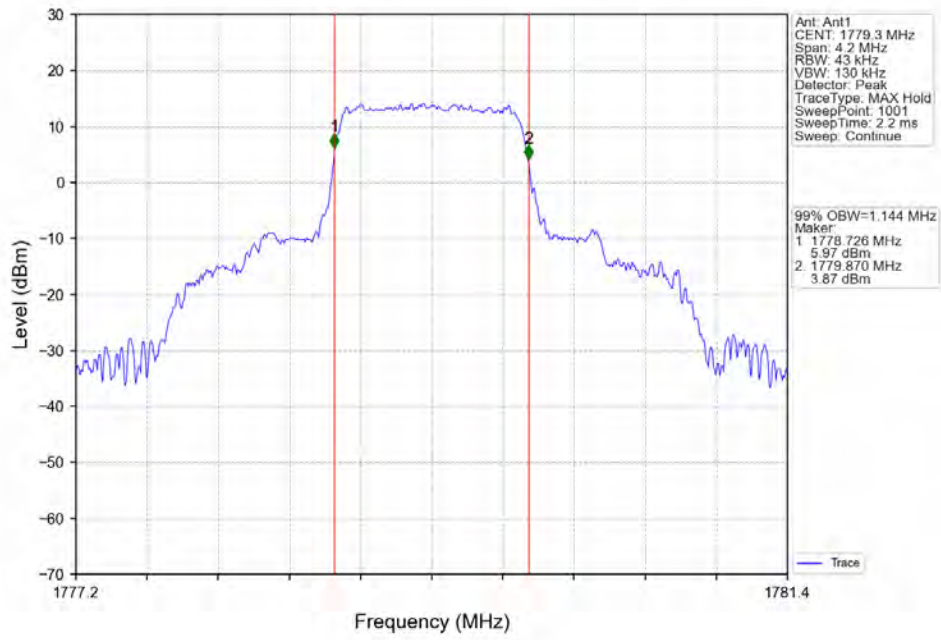
4.1.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.446	/	Pass
		1745	6	0	1.920	/	Pass
		1779.3	6	0	1.144	/	Pass
	16QAM	1710.7	6	0	1.594	/	Pass
		1745	6	0	1.983	/	Pass
		1779.3	6	0	1.125	/	Pass
3	QPSK	1711.5	15	0	2.838	/	Pass
		1745	15	0	4.447	/	Pass
		1778.5	15	0	2.741	/	Pass
	16QAM	1711.5	15	0	3.313	/	Pass
		1745	15	0	4.746	/	Pass
		1778.5	15	0	2.725	/	Pass
5	QPSK	1712.5	25	0	4.553	/	Pass
		1745	25	0	4.567	/	Pass
		1777.5	25	0	4.583	/	Pass
	16QAM	1712.5	25	0	4.569	/	Pass
		1745	25	0	4.568	/	Pass
		1777.5	25	0	4.576	/	Pass
10	QPSK	1715	50	0	9.084	/	Pass
		1745	50	0	9.059	/	Pass
		1775	50	0	9.073	/	Pass
	16QAM	1715	50	0	9.072	/	Pass
		1745	50	0	9.069	/	Pass
		1775	50	0	9.065	/	Pass
15	QPSK	1717.5	75	0	13.605	/	Pass
		1745	75	0	13.602	/	Pass
		1772.5	75	0	13.625	/	Pass
	16QAM	1717.5	75	0	13.622	/	Pass
		1745	75	0	13.622	/	Pass
		1772.5	75	0	13.614	/	Pass
20	QPSK	1720	100	0	18.144	/	Pass
		1745	100	0	18.106	/	Pass
		1770	100	0	18.153	/	Pass
	16QAM	1720	100	0	18.197	/	Pass
		1745	100	0	18.129	/	Pass
		1770	100	0	18.195	/	Pass

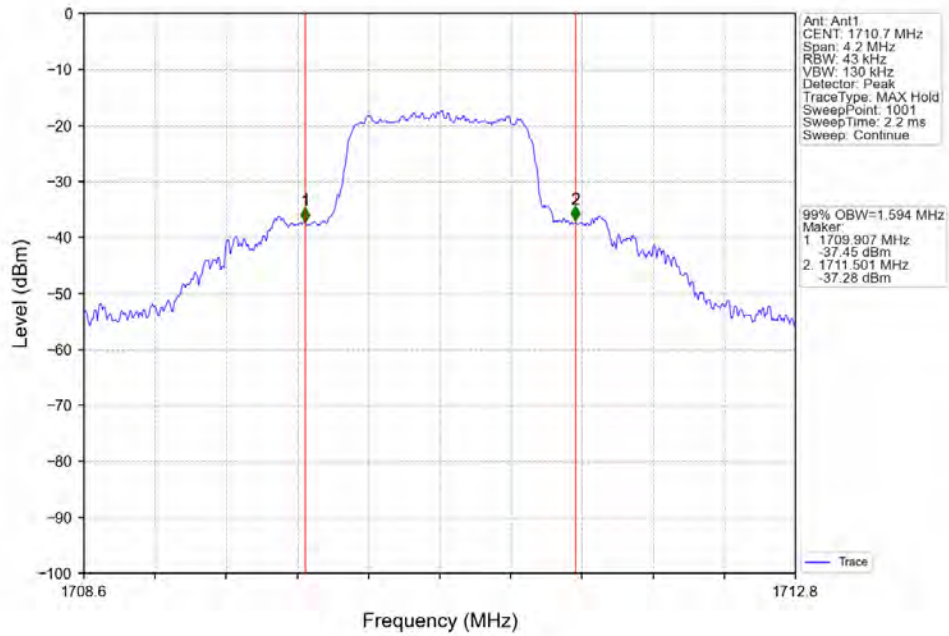
4.1.2 Test Graph



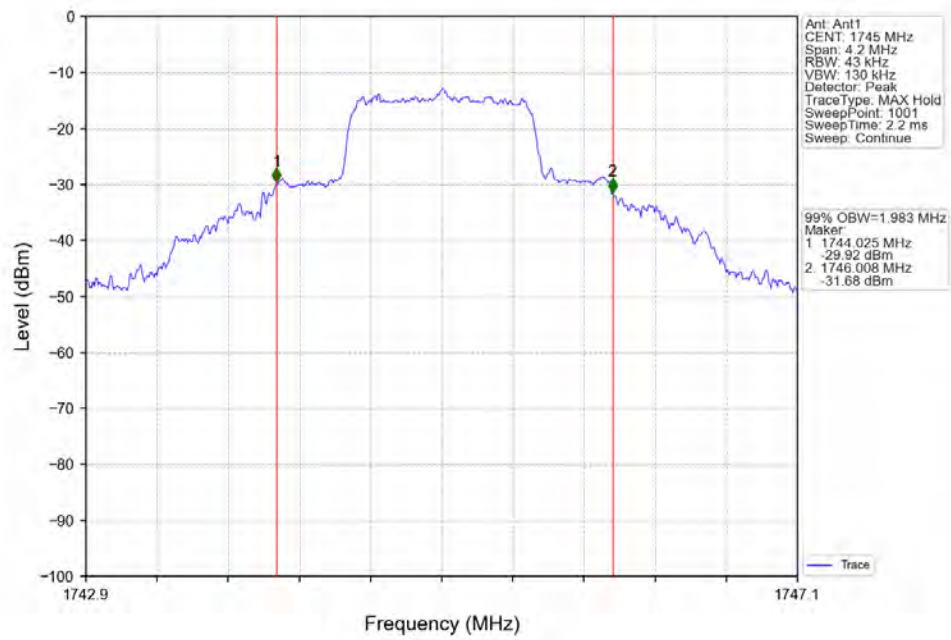
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



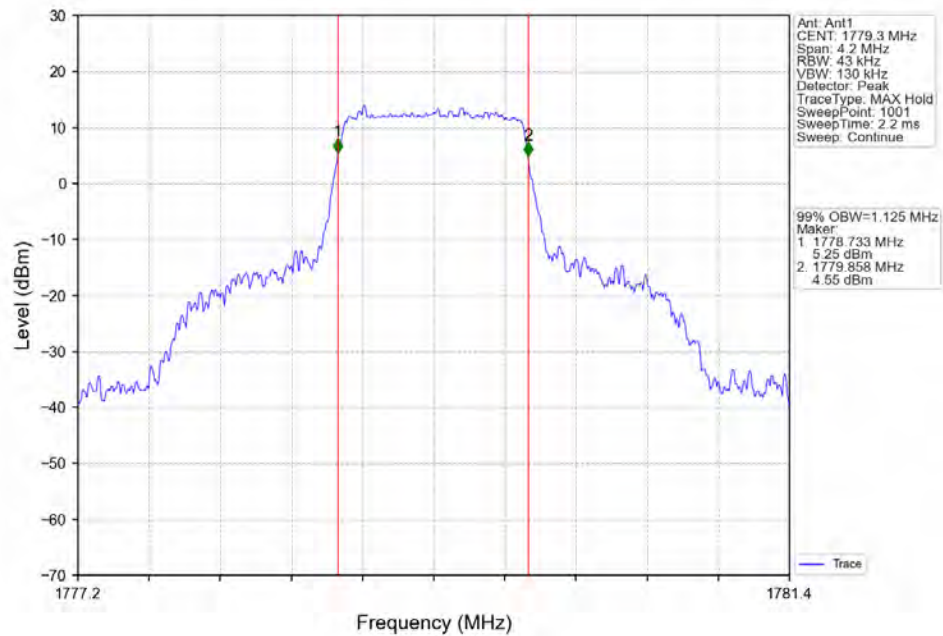
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



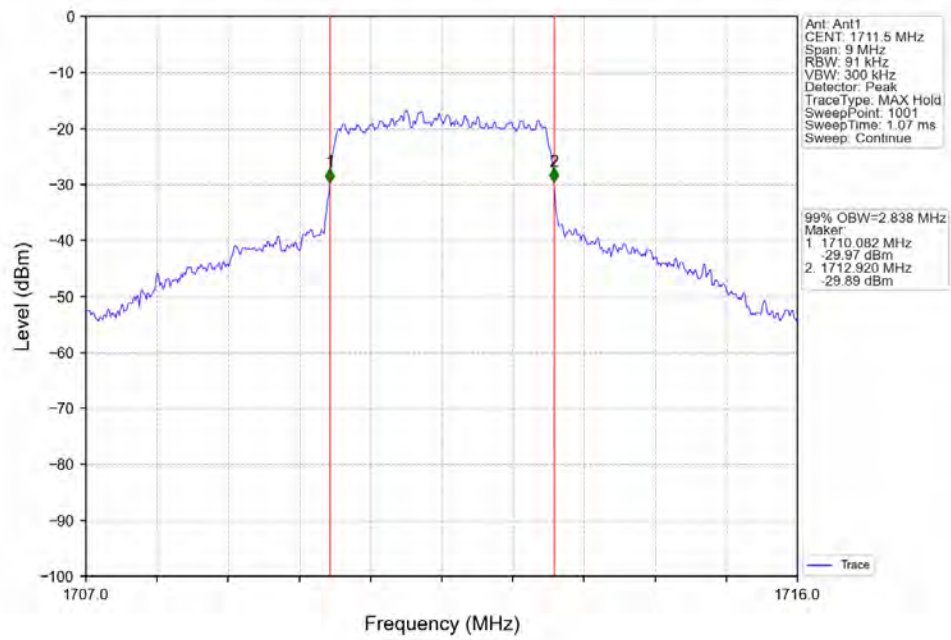
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



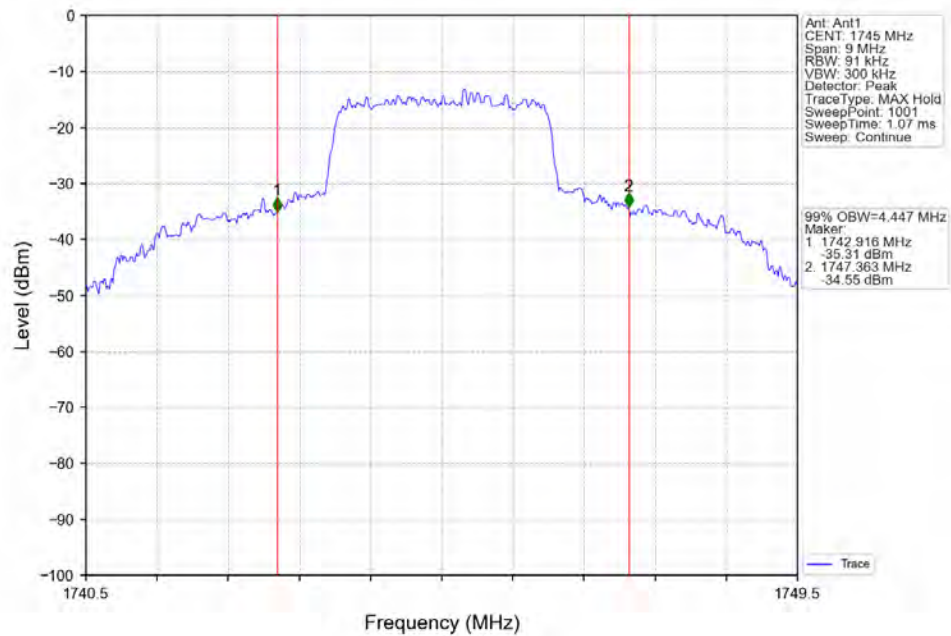
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



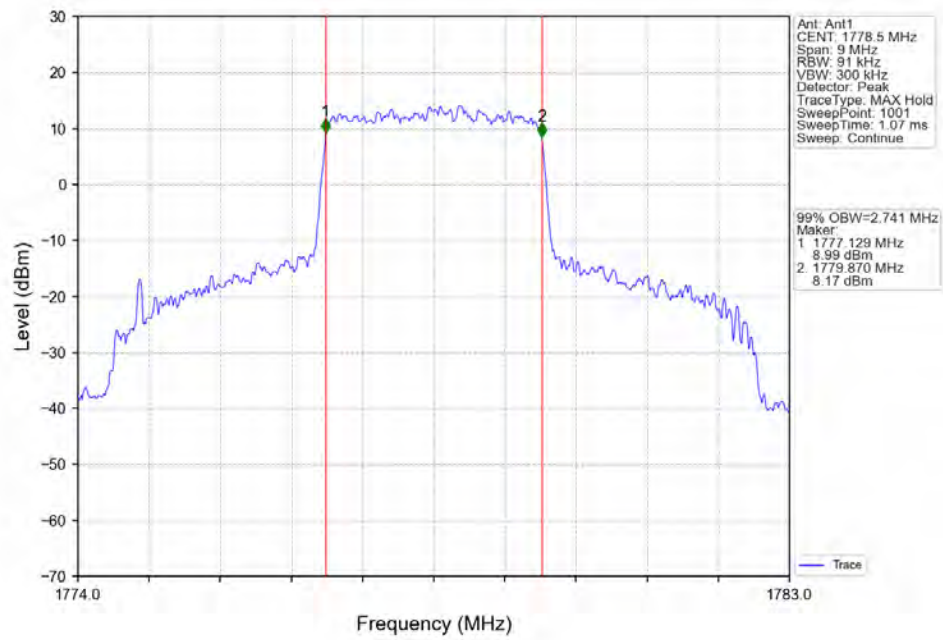
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



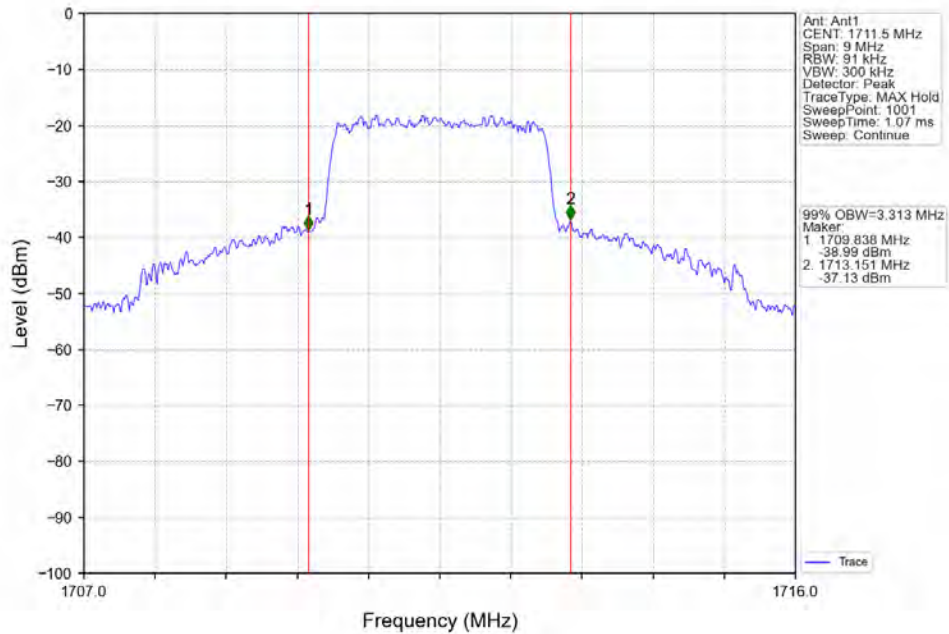
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



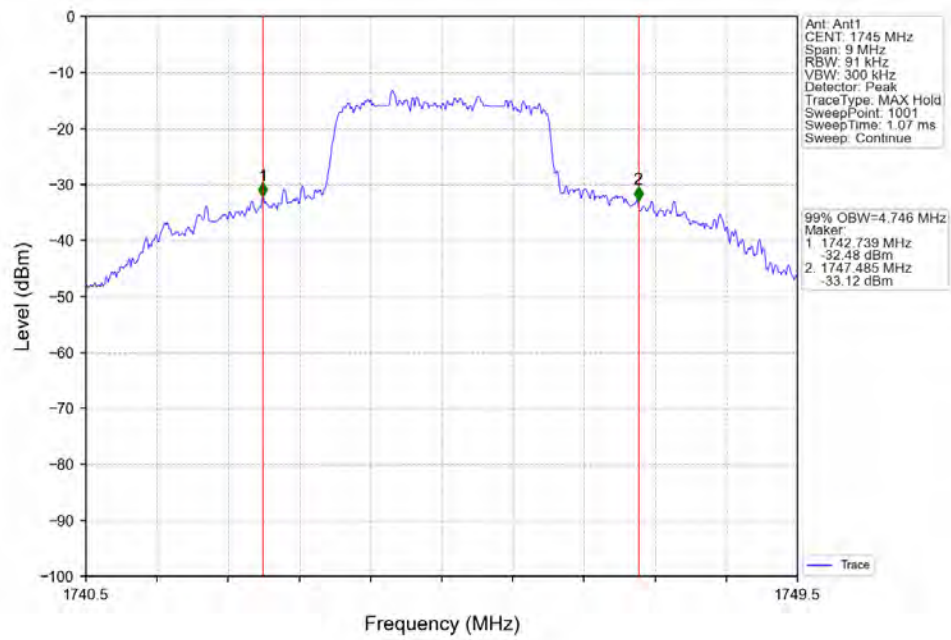
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



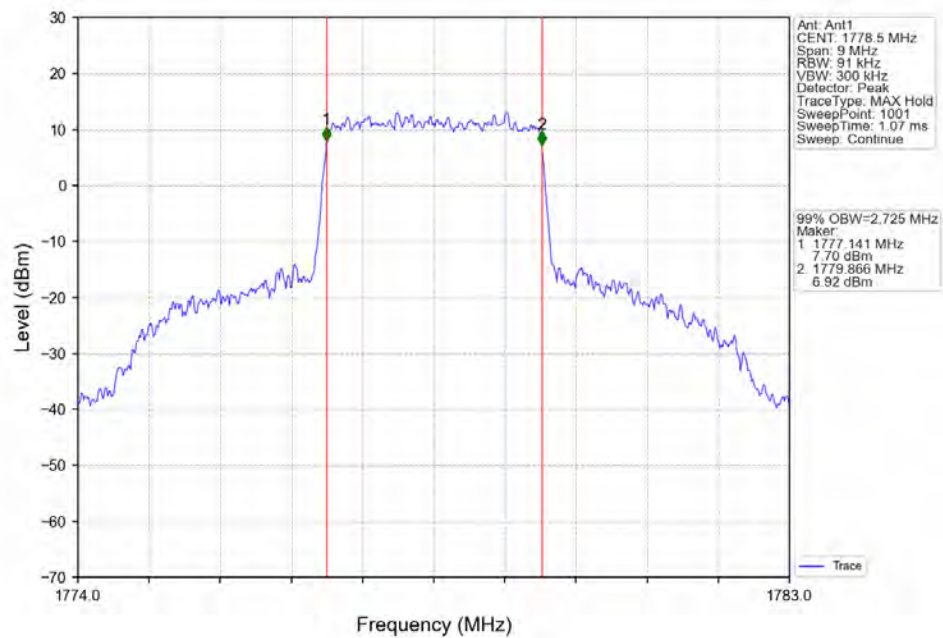
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



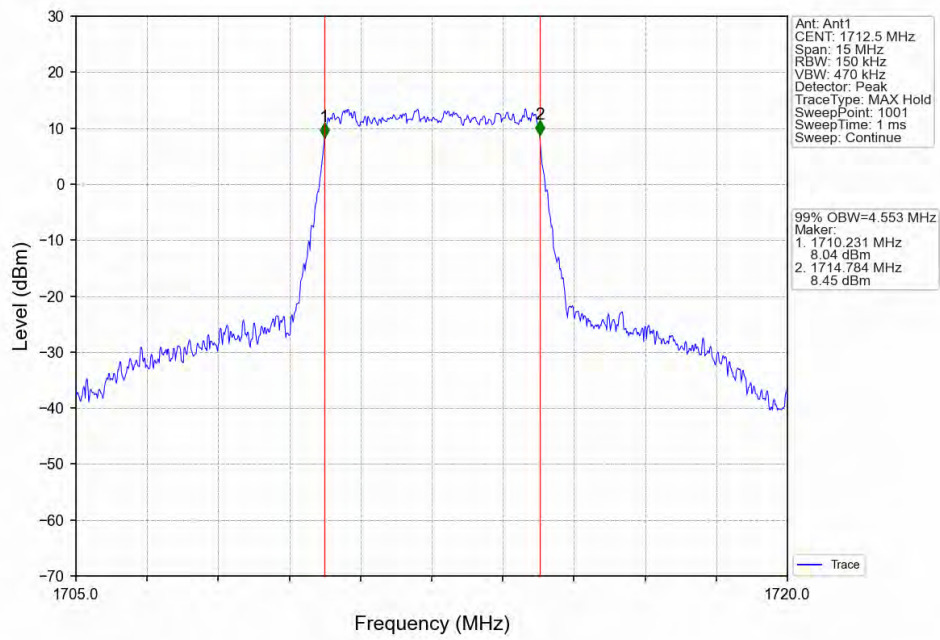
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



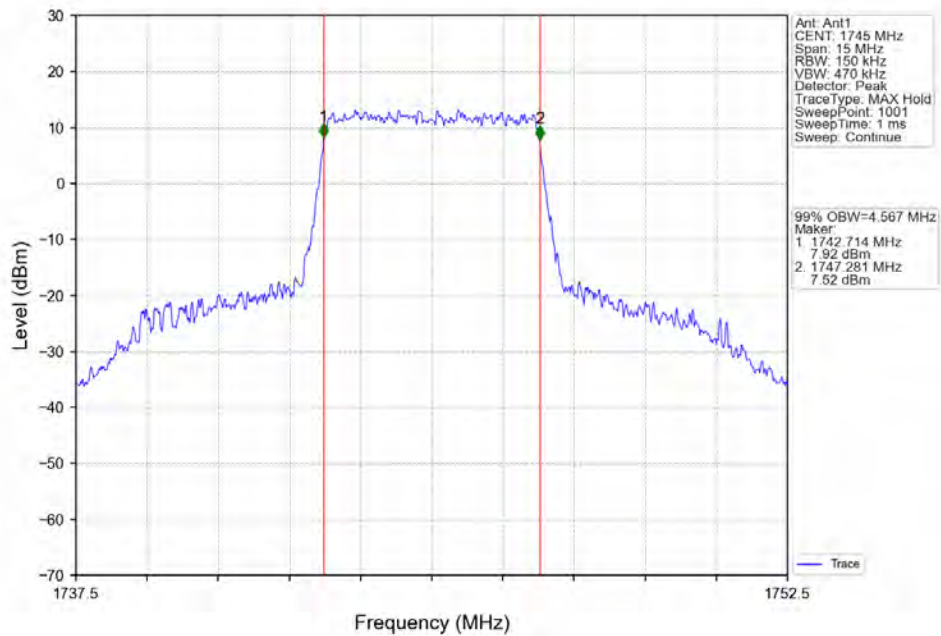
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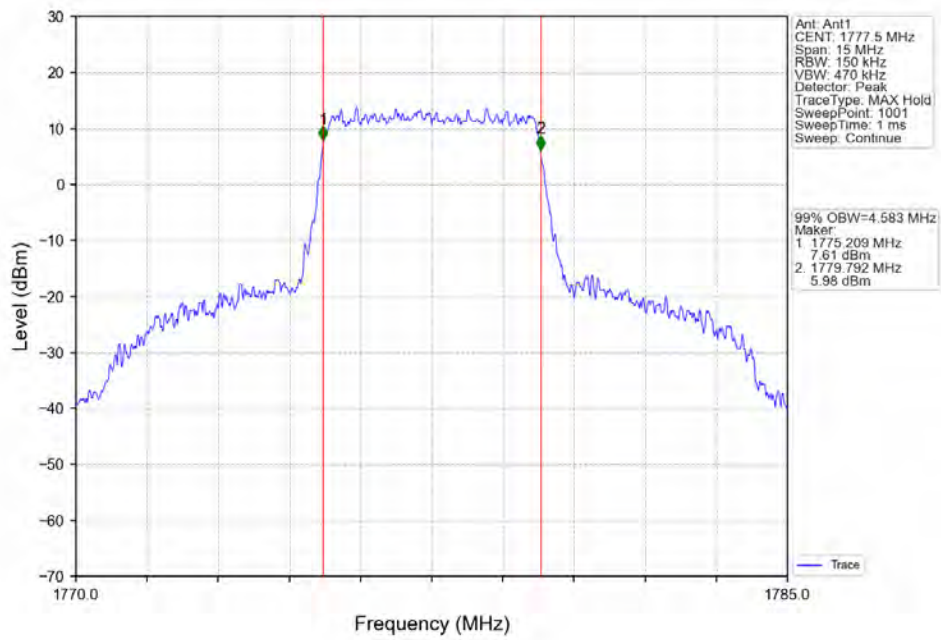
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



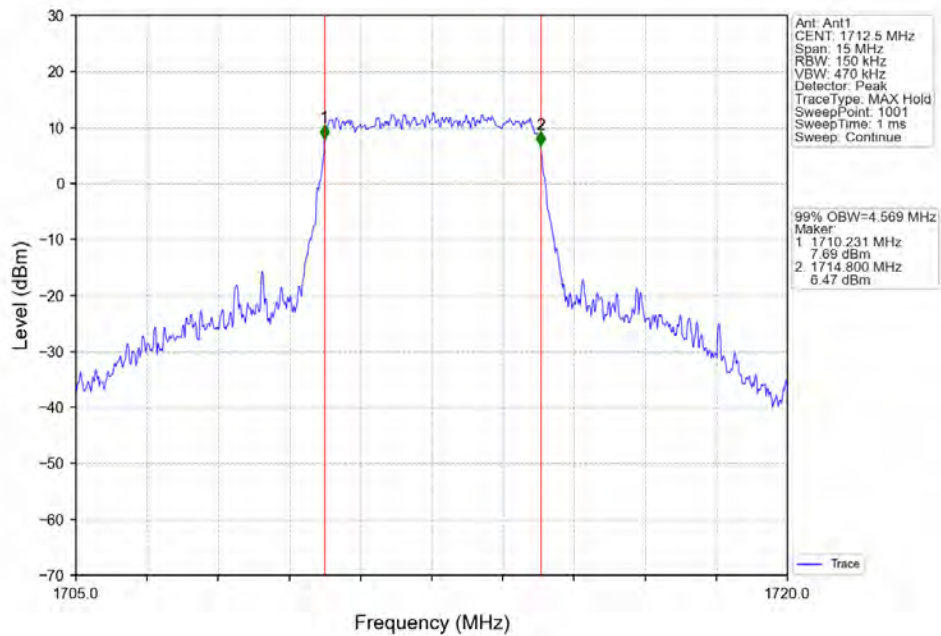
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



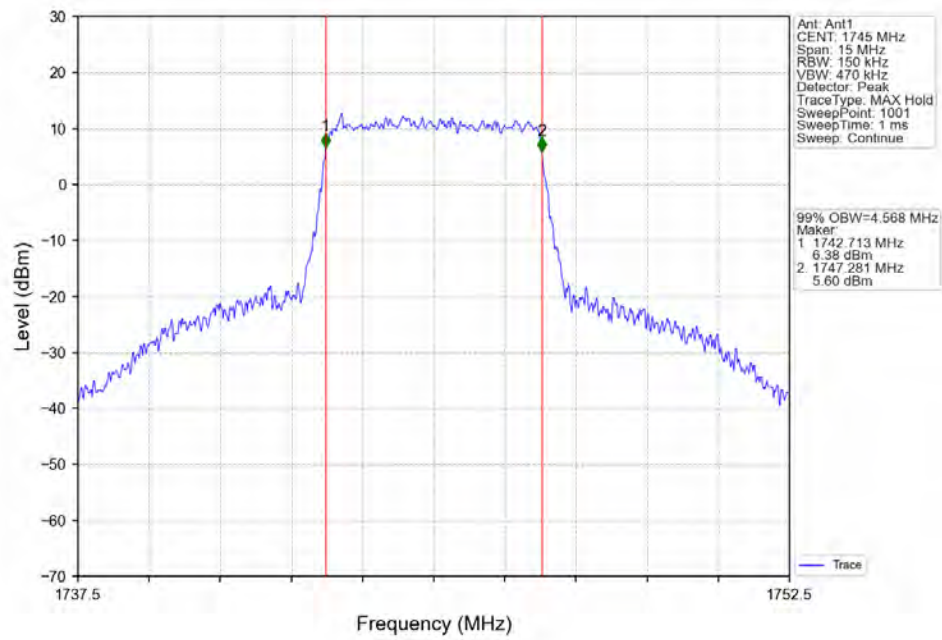
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



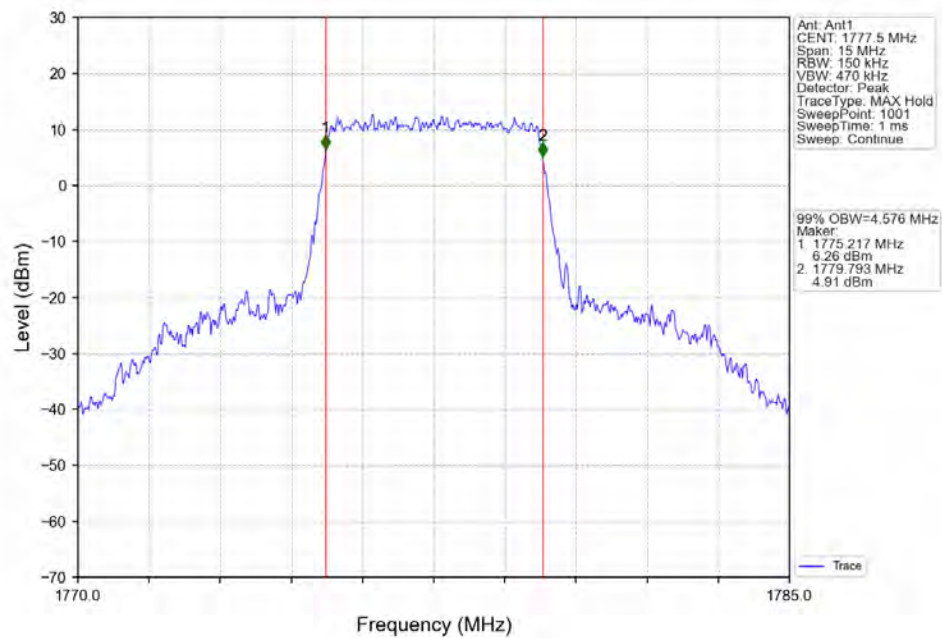
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



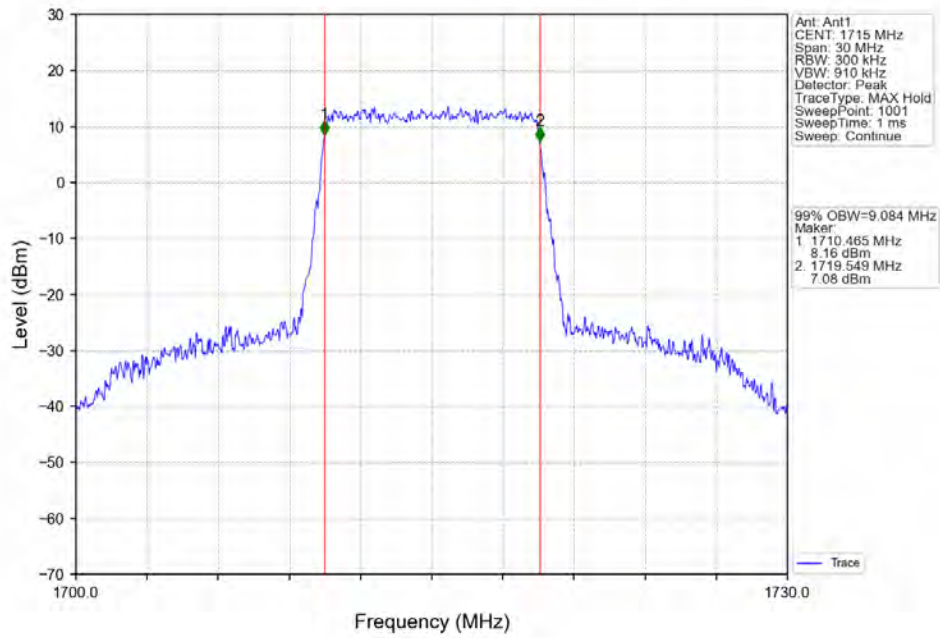
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



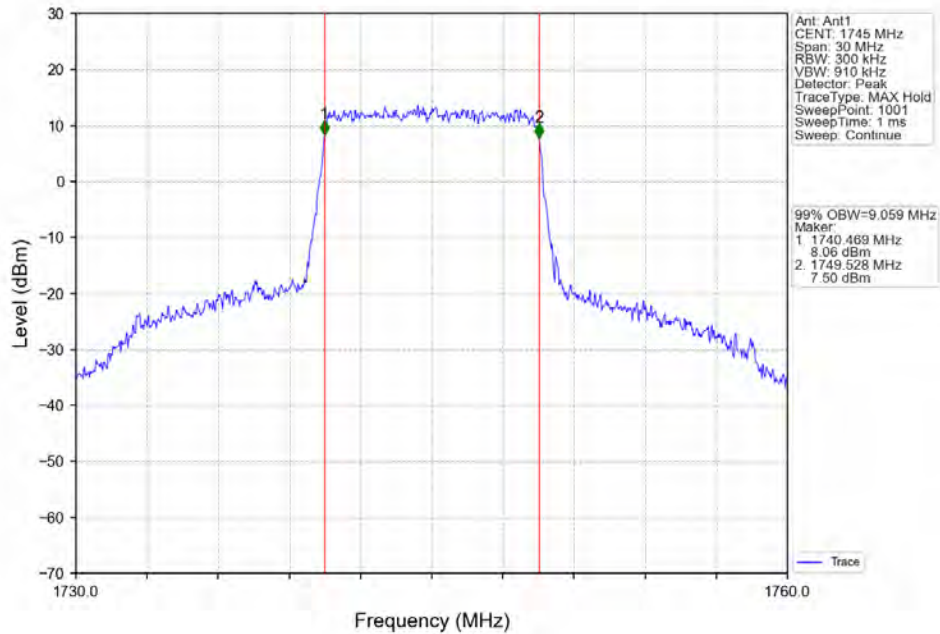
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



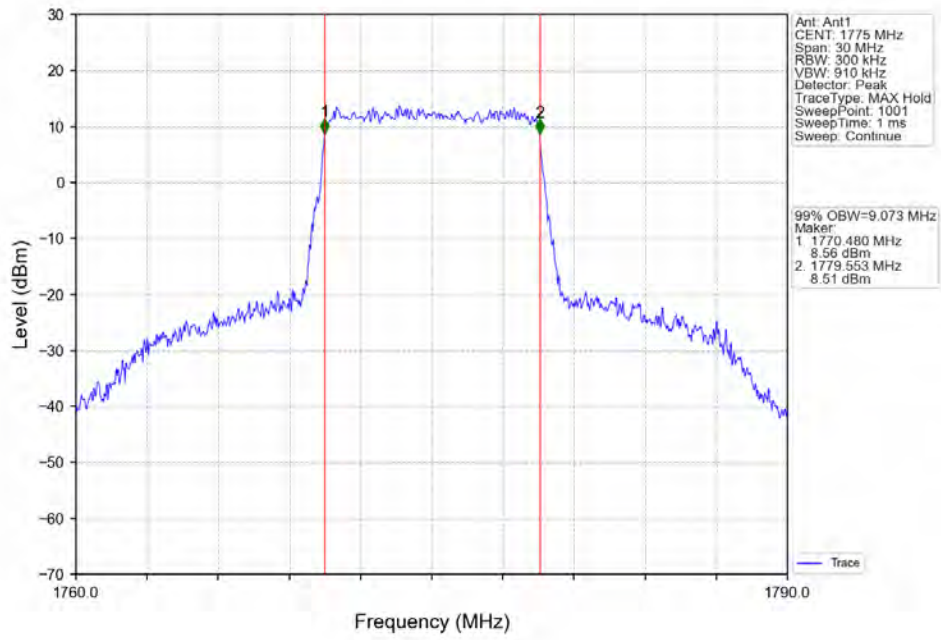
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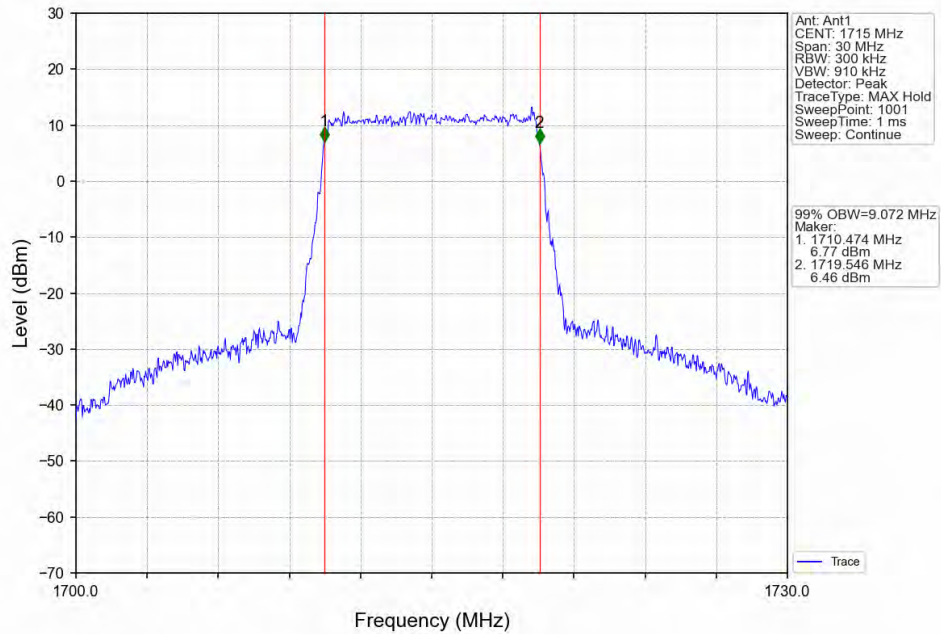
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



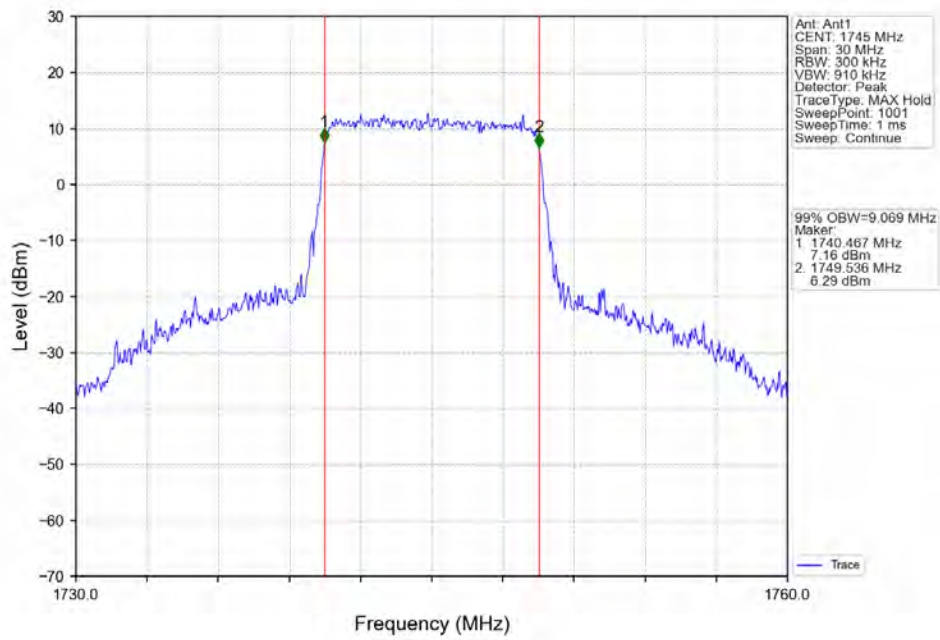
Band66_10MHz QPSK HCH 1775MHz RB 50 0 NTNV



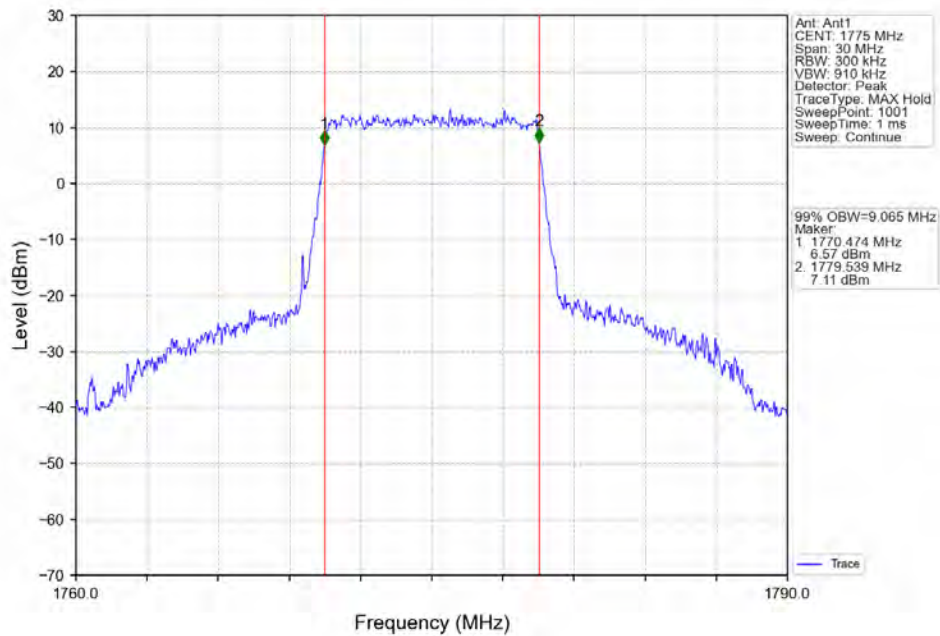
Band66_10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



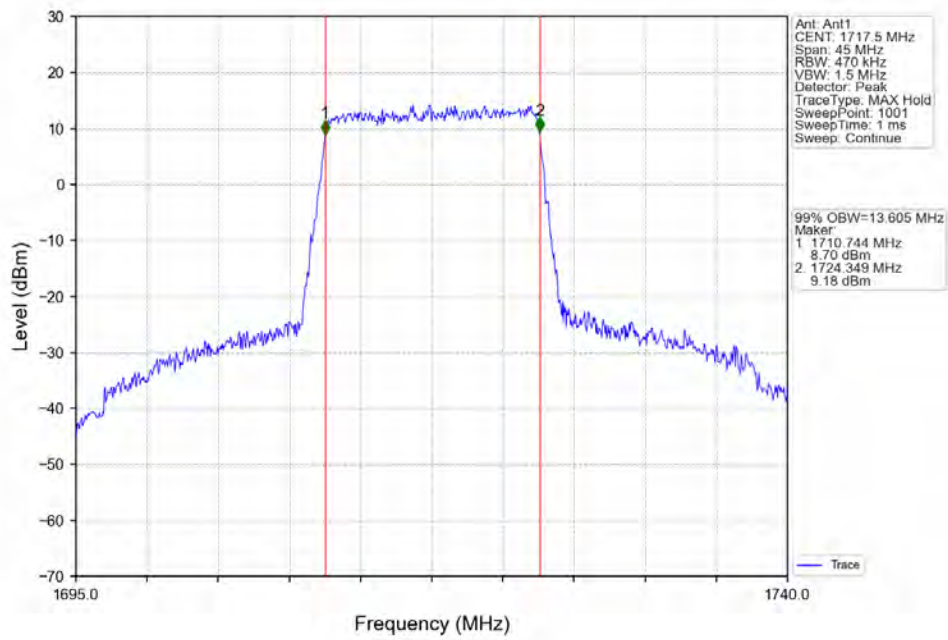
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



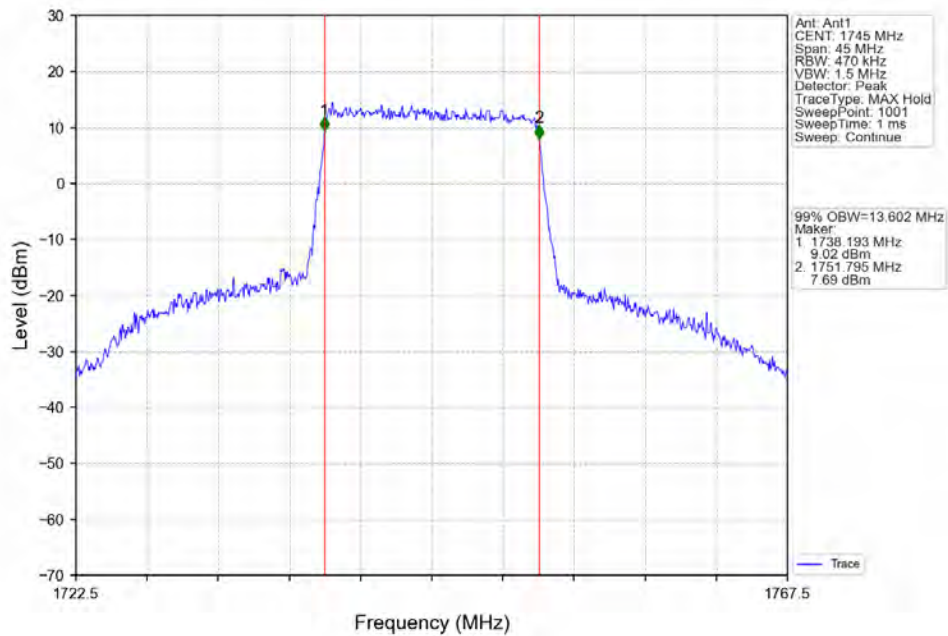
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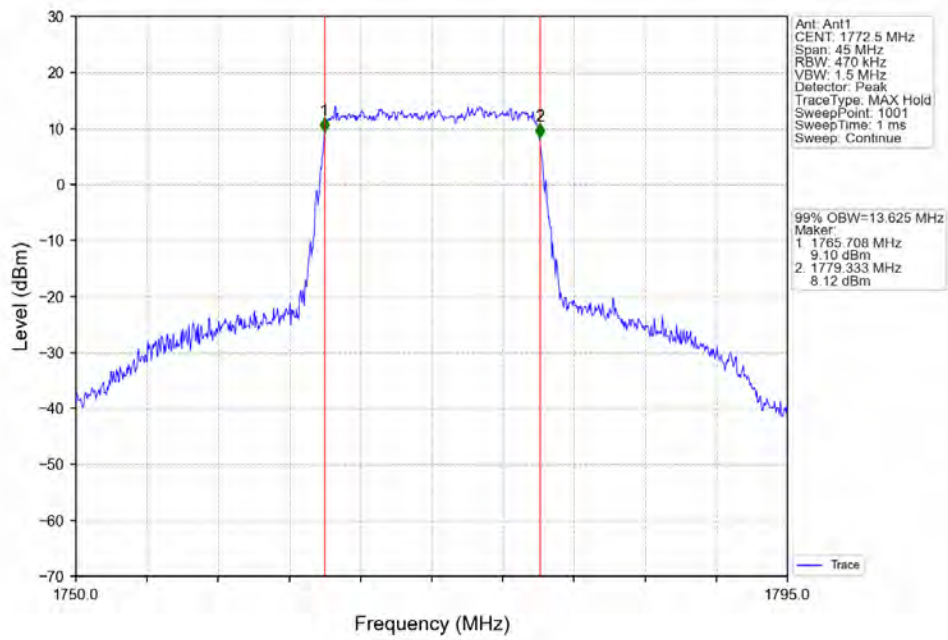
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



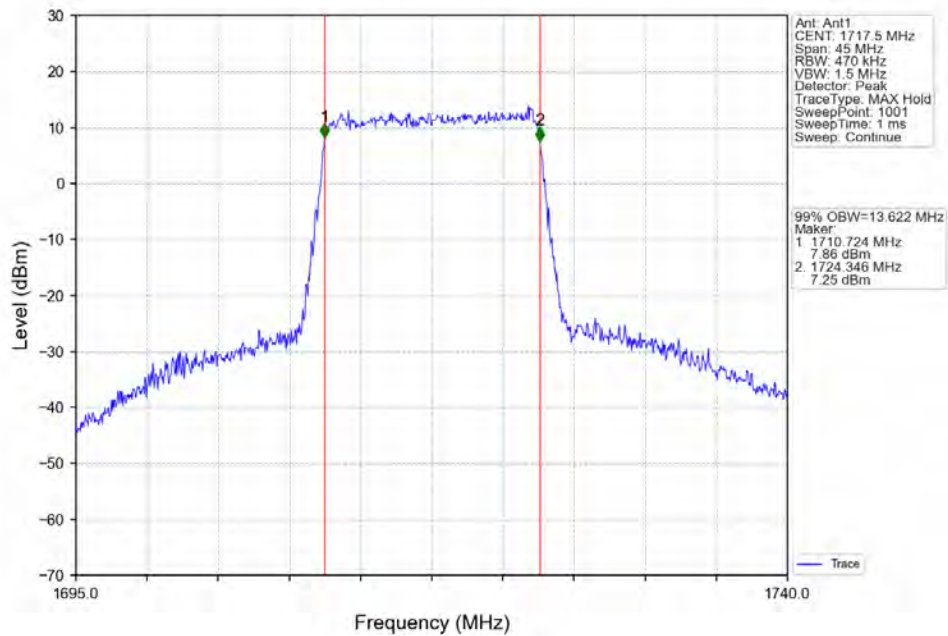
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



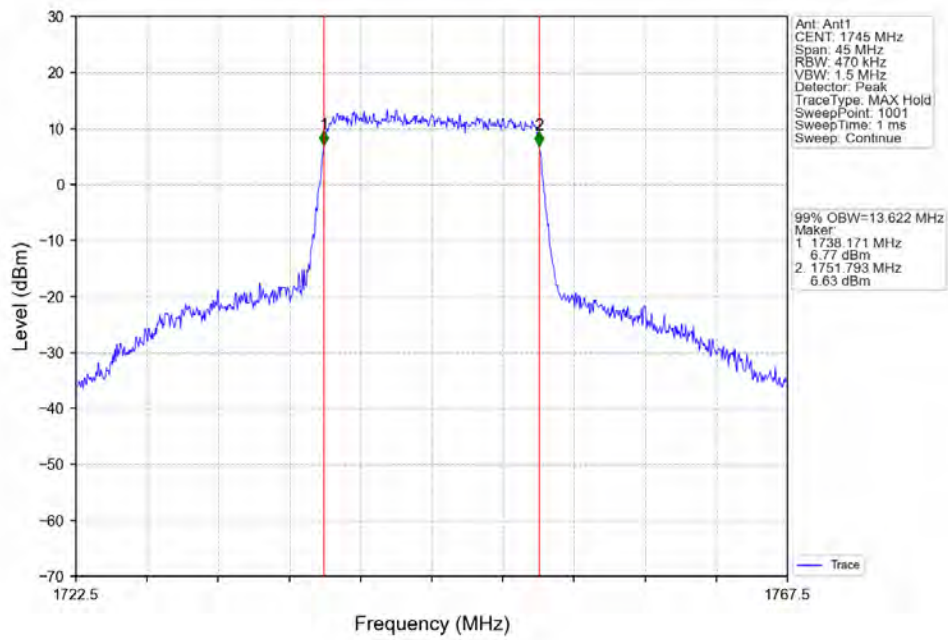
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



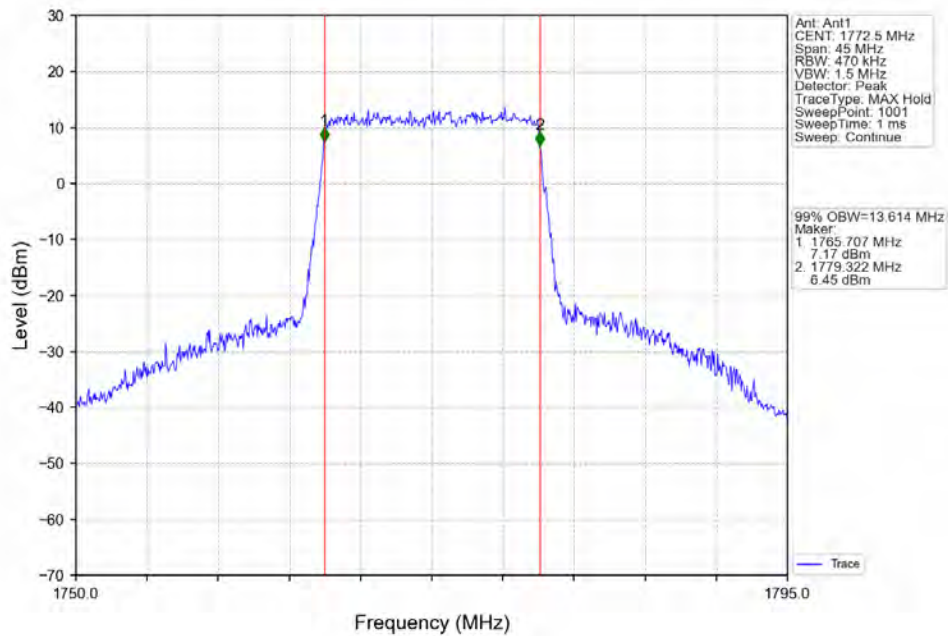
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



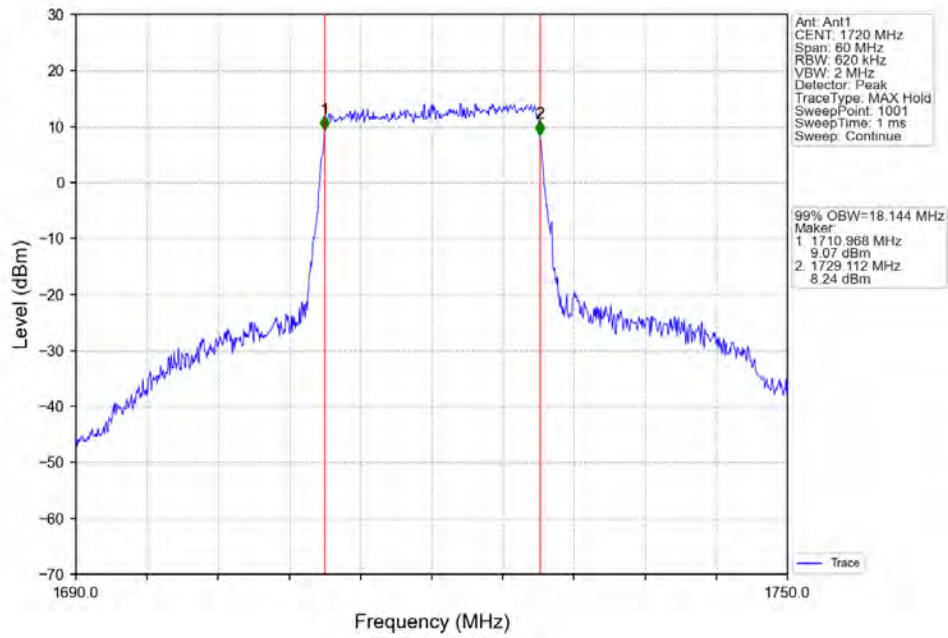
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



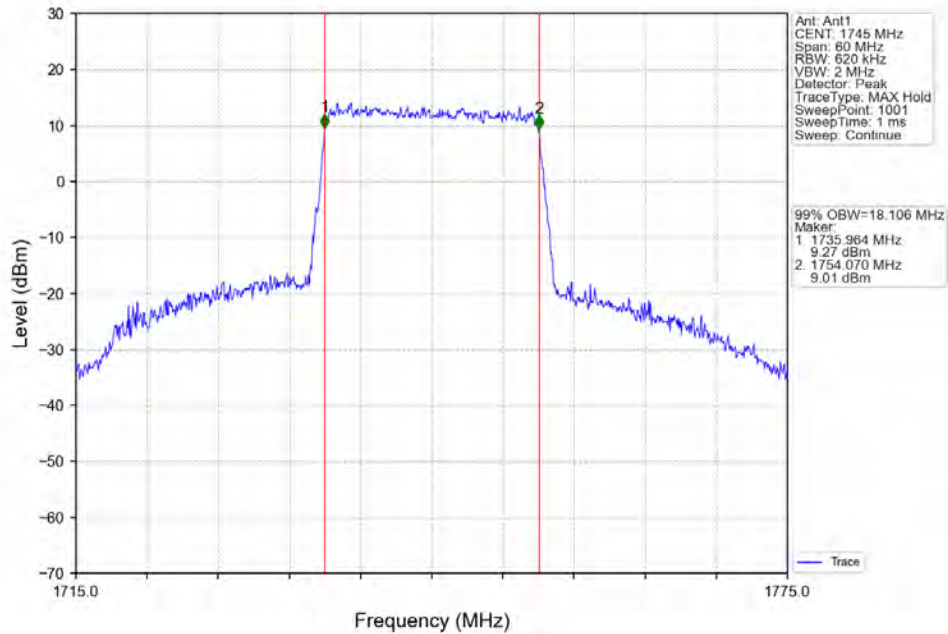
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



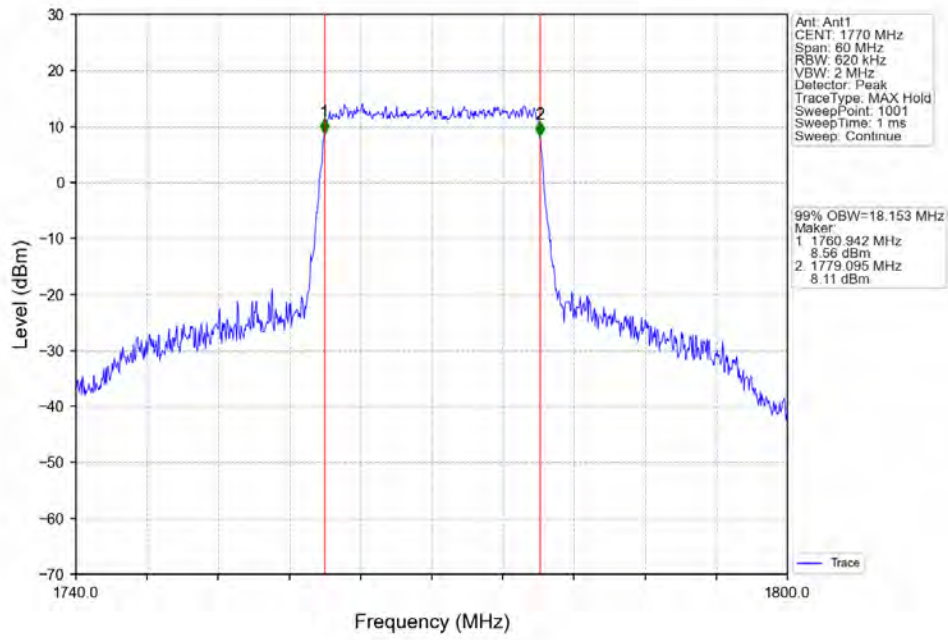
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



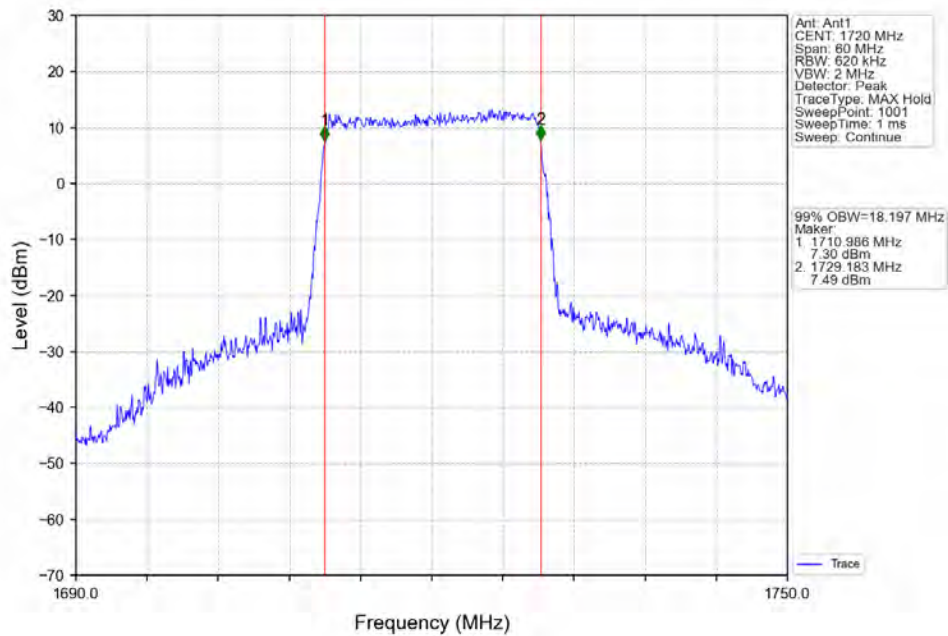
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



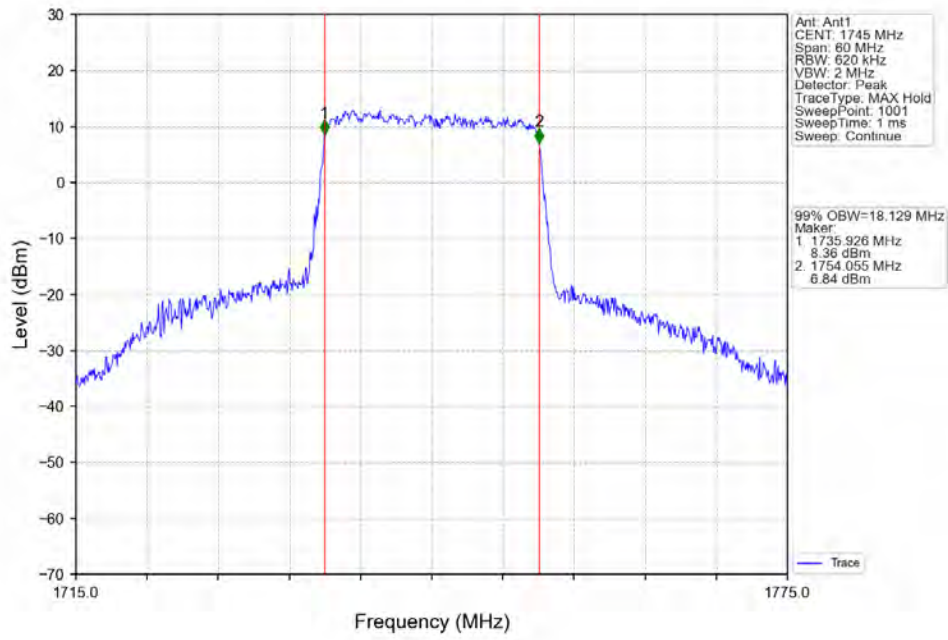
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



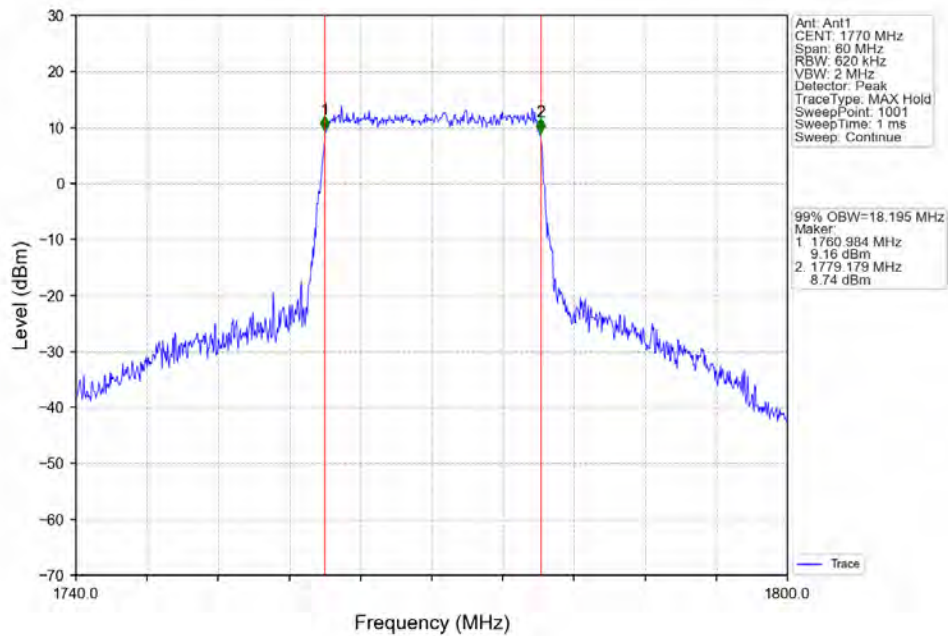
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

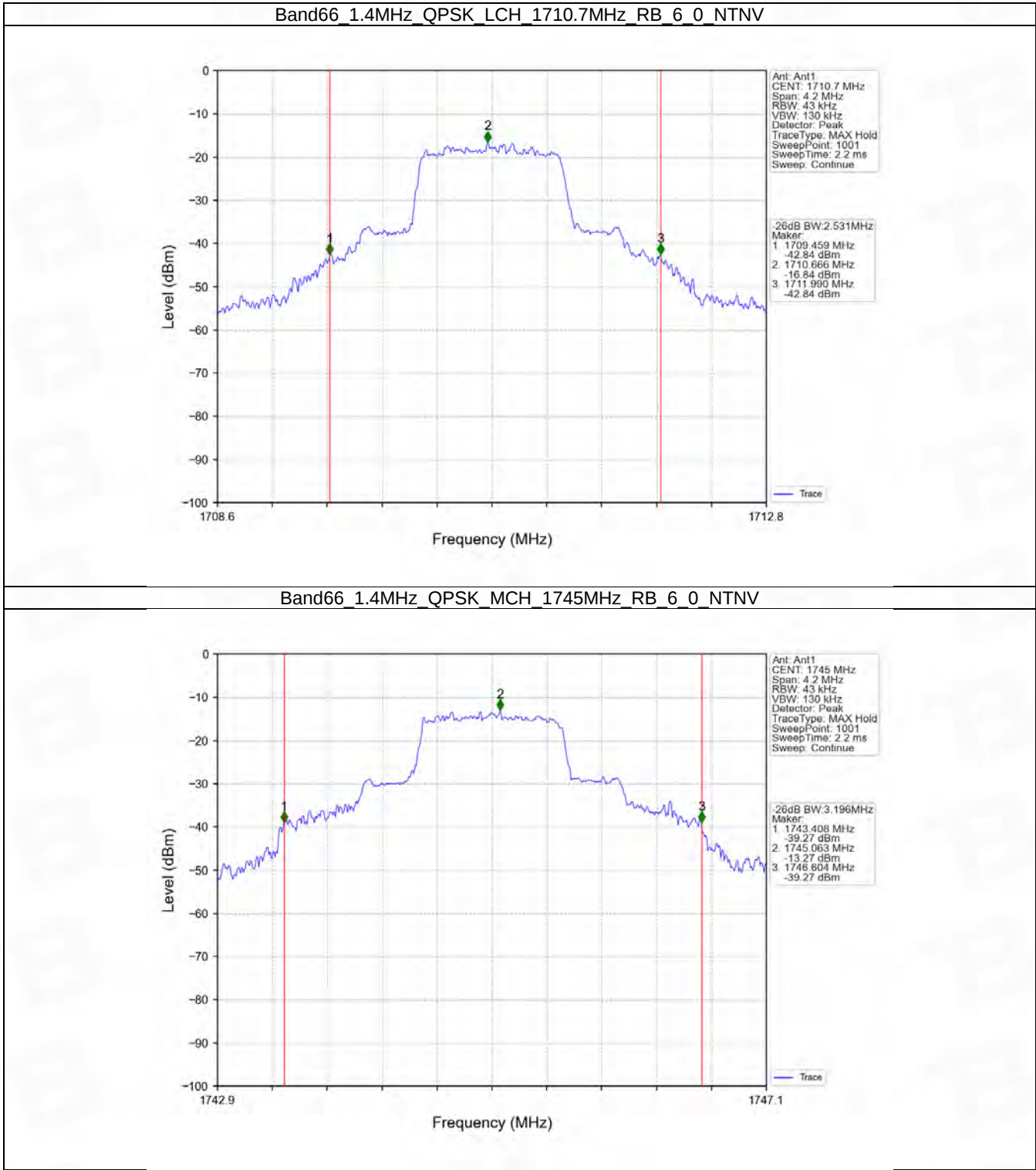


4.2 Band66_XDB

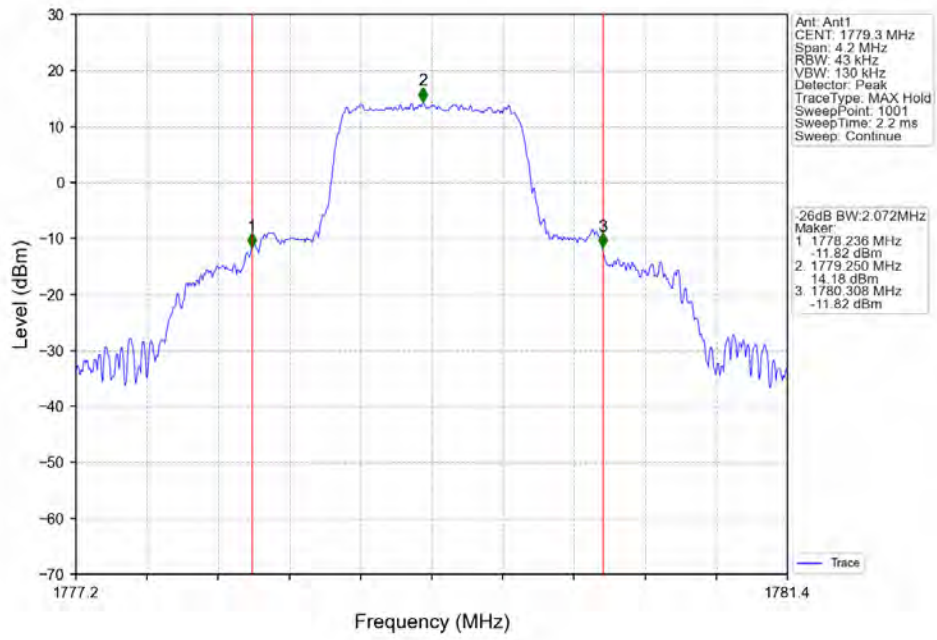
4.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	2.531	/	Pass
		1745	6	0	3.196	/	Pass
		1779.3	6	0	2.072	/	Pass
	16QAM	1710.7	6	0	2.619	/	Pass
		1745	6	0	2.983	/	Pass
		1779.3	6	0	1.434	/	Pass
3	QPSK	1711.5	15	0	5.324	/	Pass
		1745	15	0	7.395	/	Pass
		1778.5	15	0	3.035	/	Pass
	16QAM	1711.5	15	0	6.593	/	Pass
		1745	15	0	7.354	/	Pass
		1778.5	15	0	2.982	/	Pass
5	QPSK	1712.5	25	0	5.224	/	Pass
		1745	25	0	5.331	/	Pass
		1777.5	25	0	5.333	/	Pass
	16QAM	1712.5	25	0	5.315	/	Pass
		1745	25	0	5.266	/	Pass
		1777.5	25	0	5.274	/	Pass
10	QPSK	1715	50	0	10.231	/	Pass
		1745	50	0	10.239	/	Pass
		1775	50	0	10.338	/	Pass
	16QAM	1715	50	0	10.254	/	Pass
		1745	50	0	10.258	/	Pass
		1775	50	0	10.200	/	Pass
15	QPSK	1717.5	75	0	15.311	/	Pass
		1745	75	0	15.216	/	Pass
		1772.5	75	0	15.417	/	Pass
	16QAM	1717.5	75	0	15.276	/	Pass
		1745	75	0	15.244	/	Pass
		1772.5	75	0	15.242	/	Pass
20	QPSK	1720	100	0	20.240	/	Pass
		1745	100	0	20.103	/	Pass
		1770	100	0	19.981	/	Pass
	16QAM	1720	100	0	20.237	/	Pass
		1745	100	0	20.308	/	Pass
		1770	100	0	20.243	/	Pass

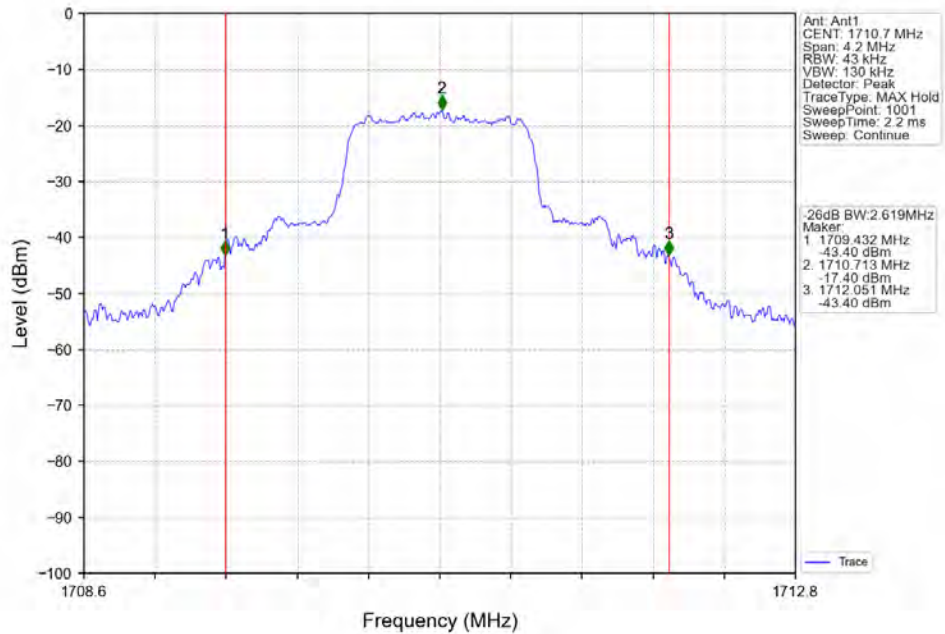
4.2.2 Test Graph



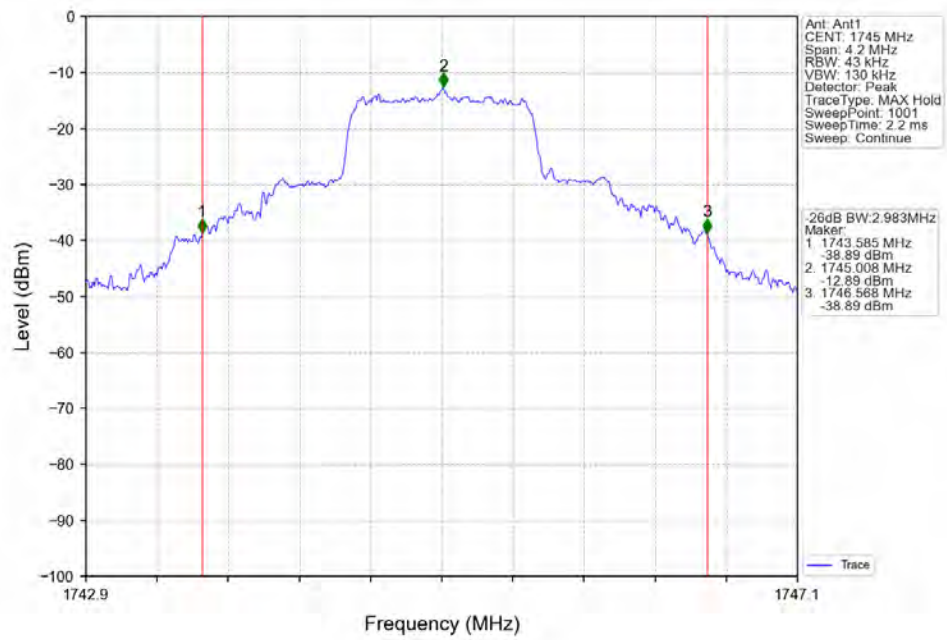
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



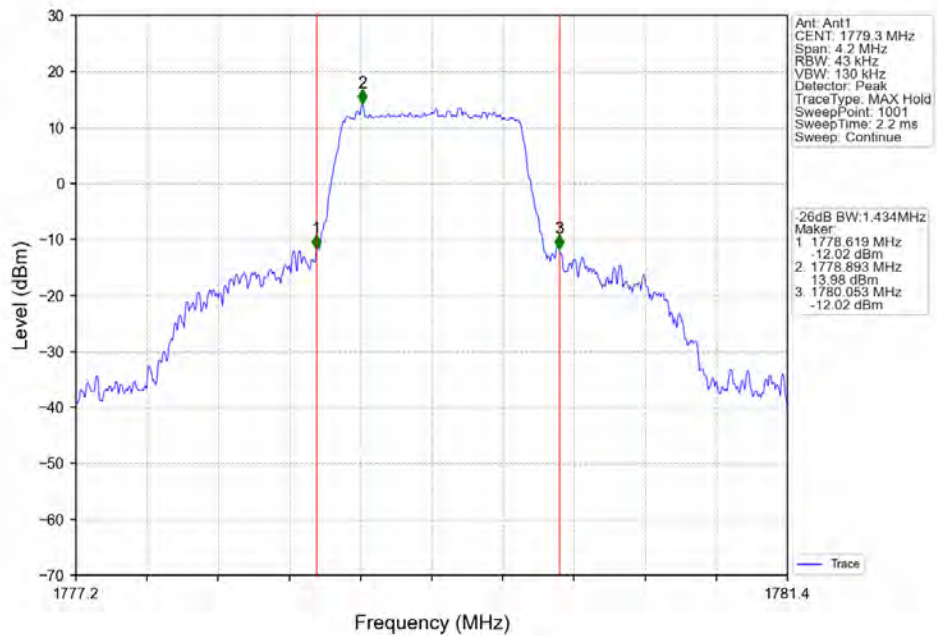
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



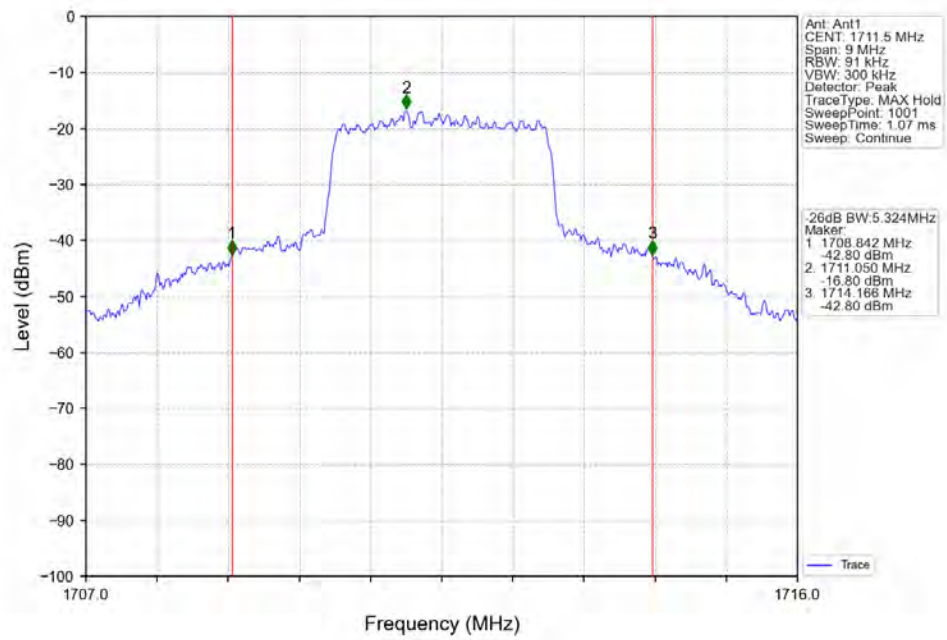
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



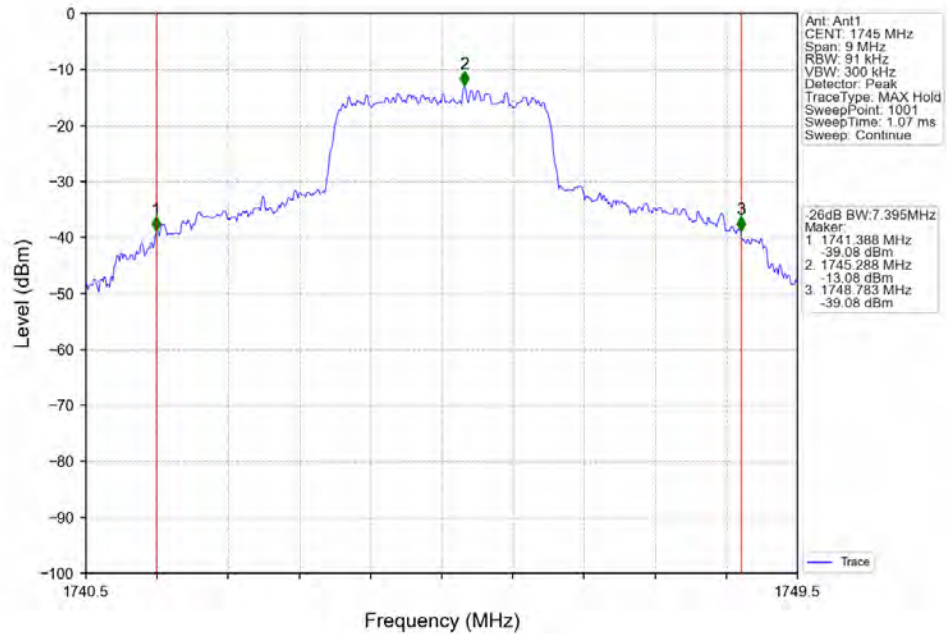
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



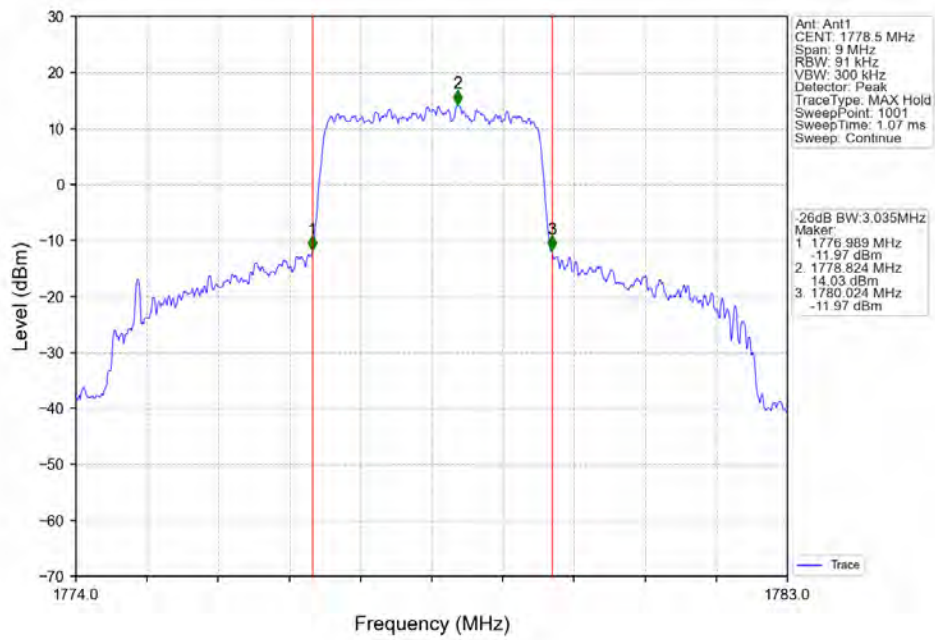
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



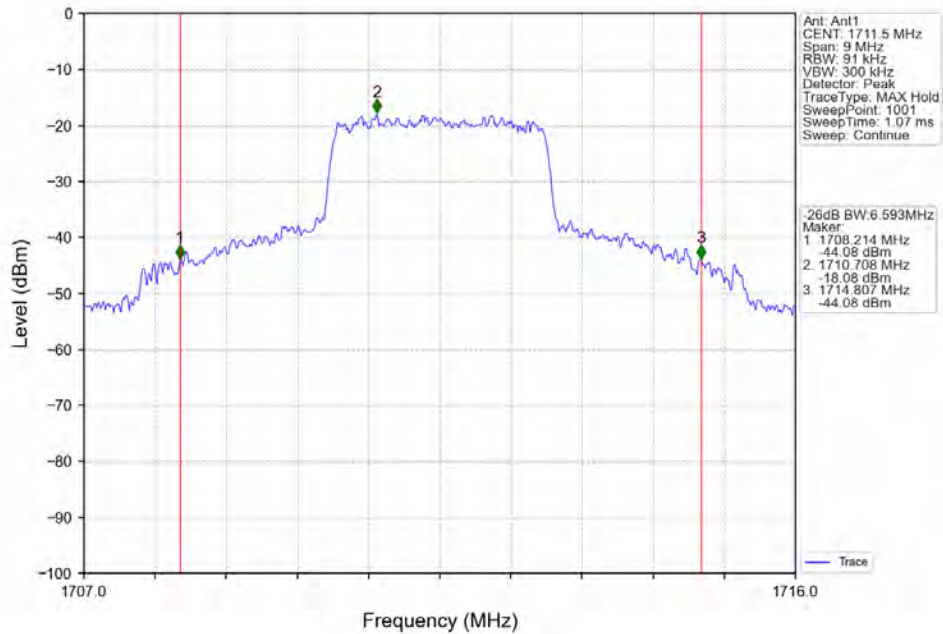
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



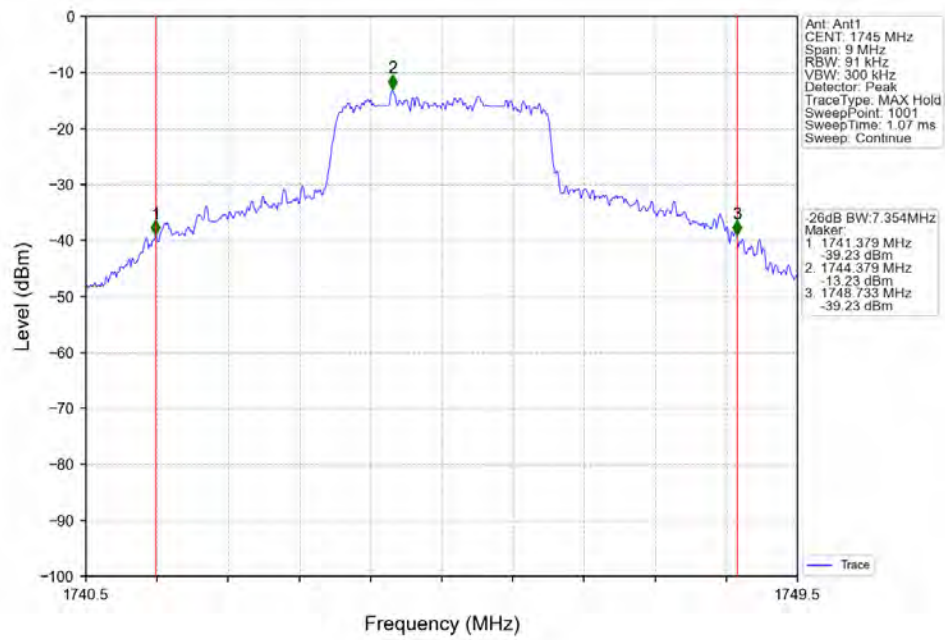
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



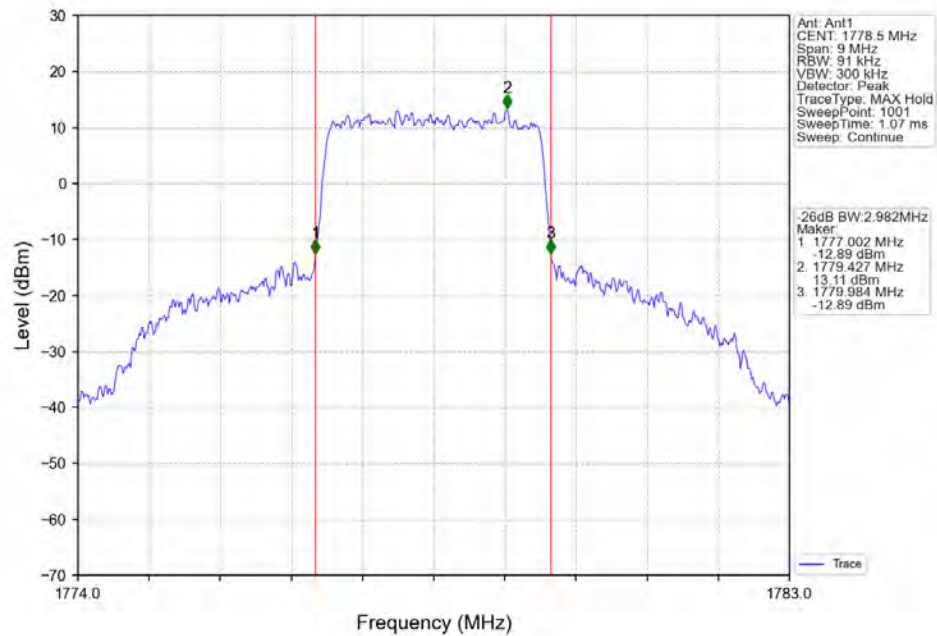
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



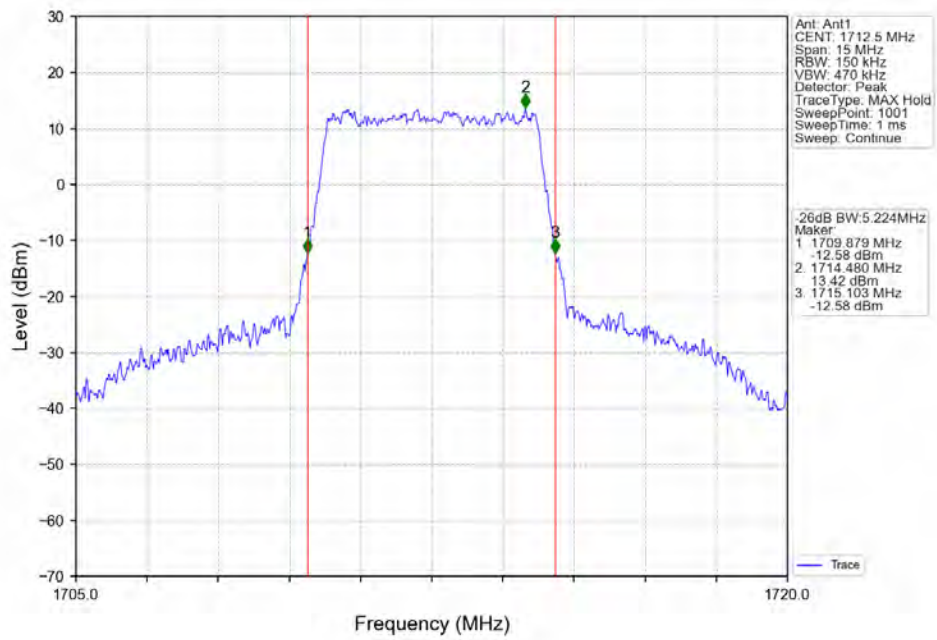
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



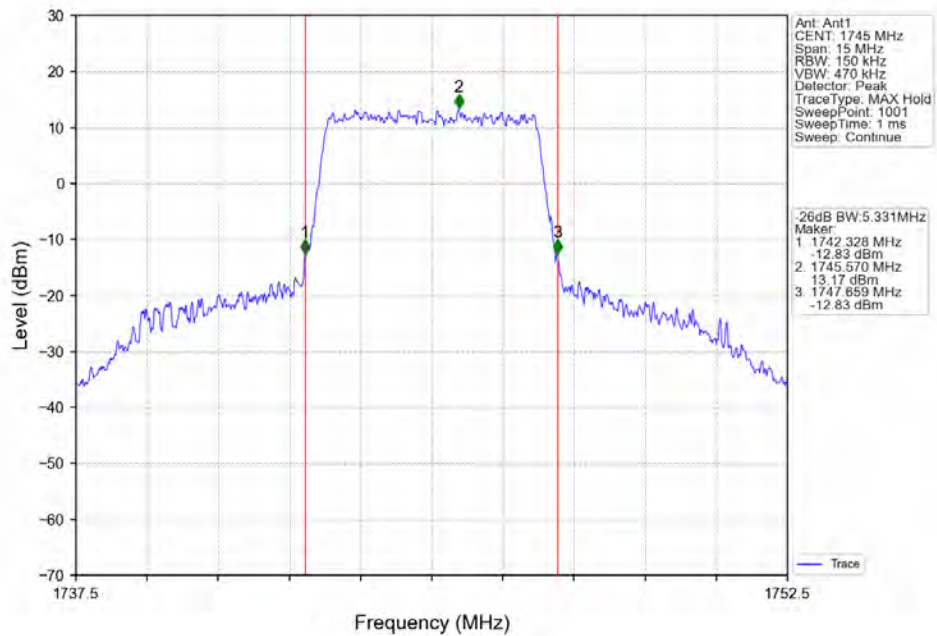
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTV



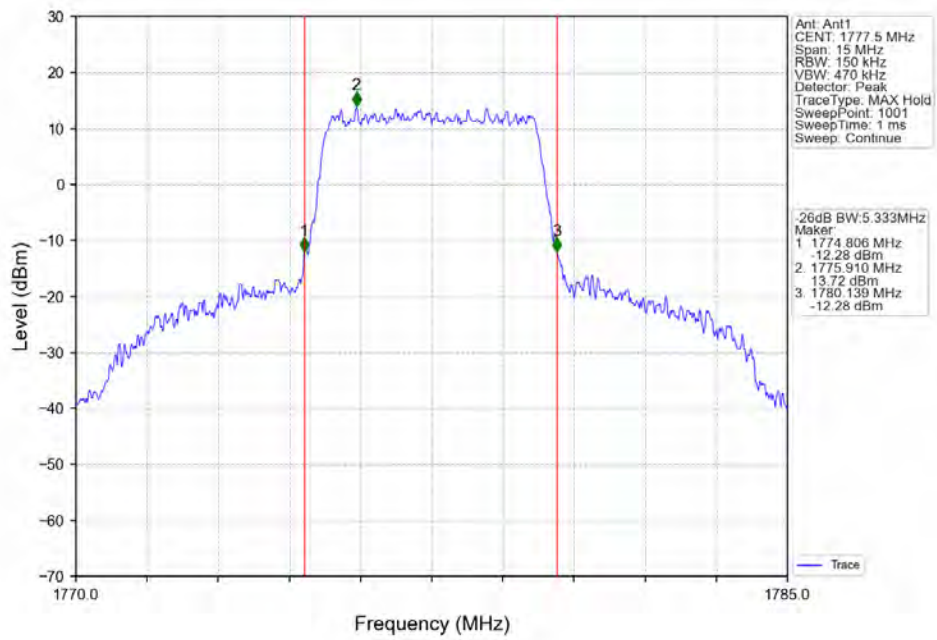
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



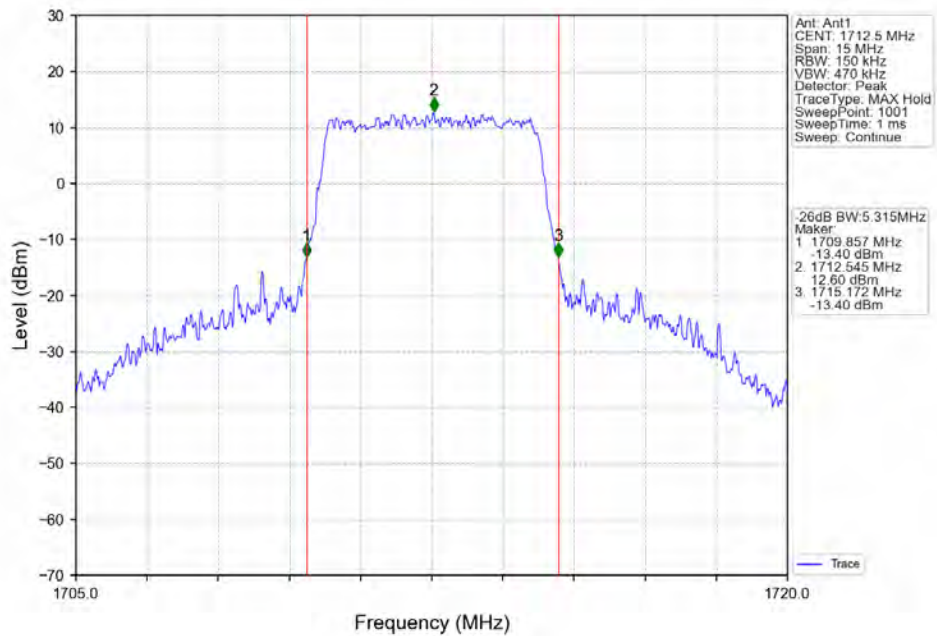
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



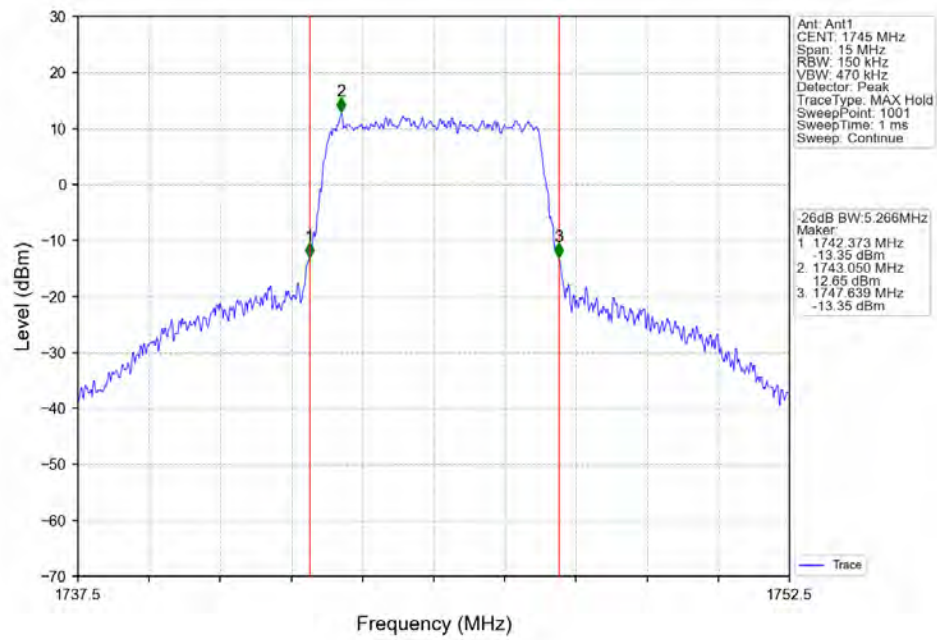
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



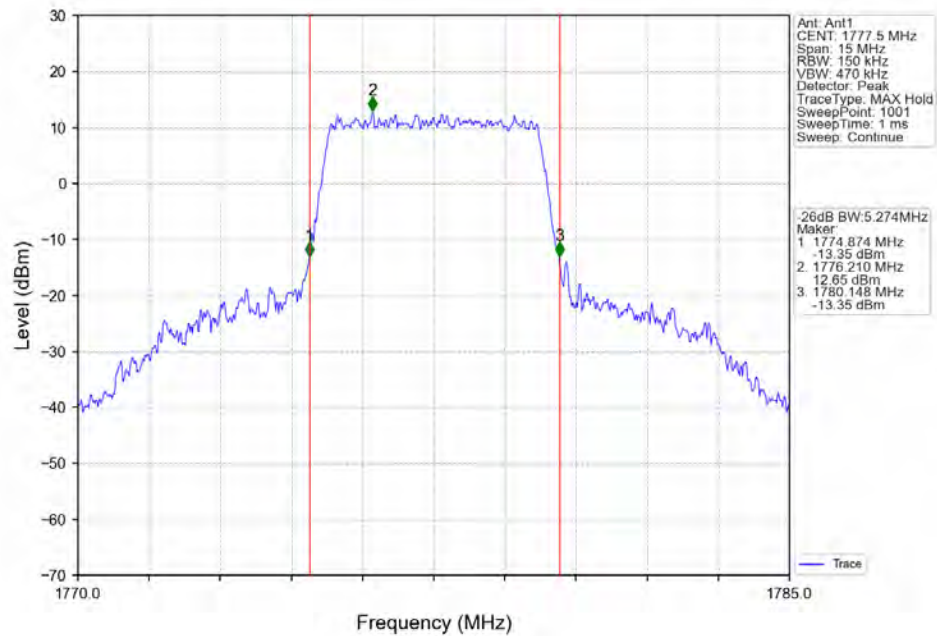
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



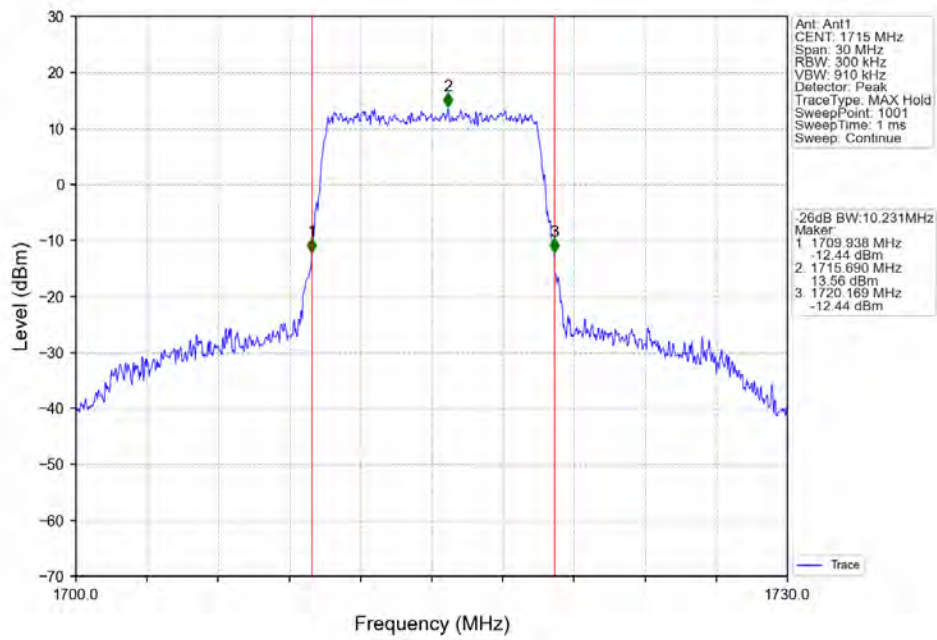
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



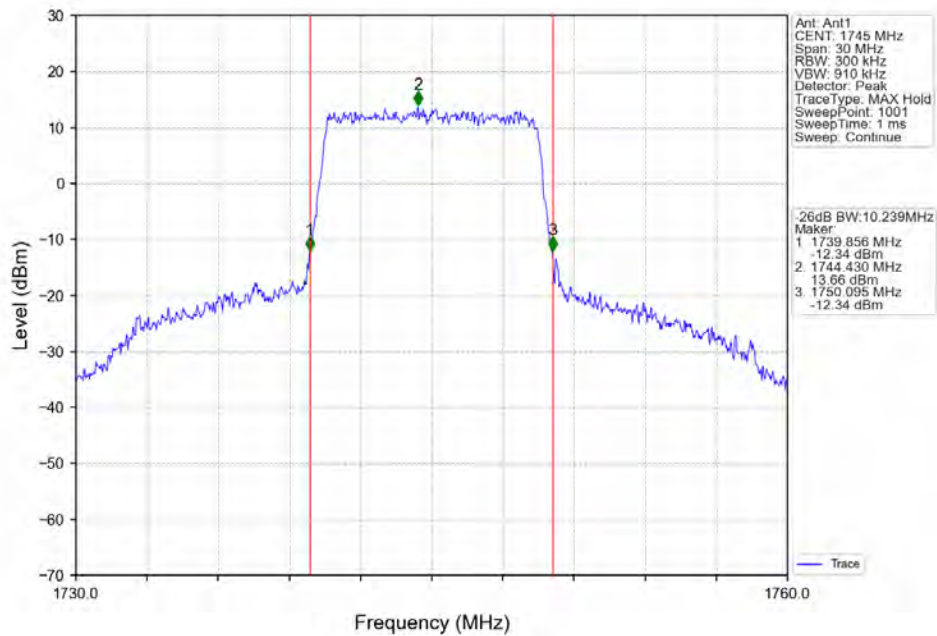
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



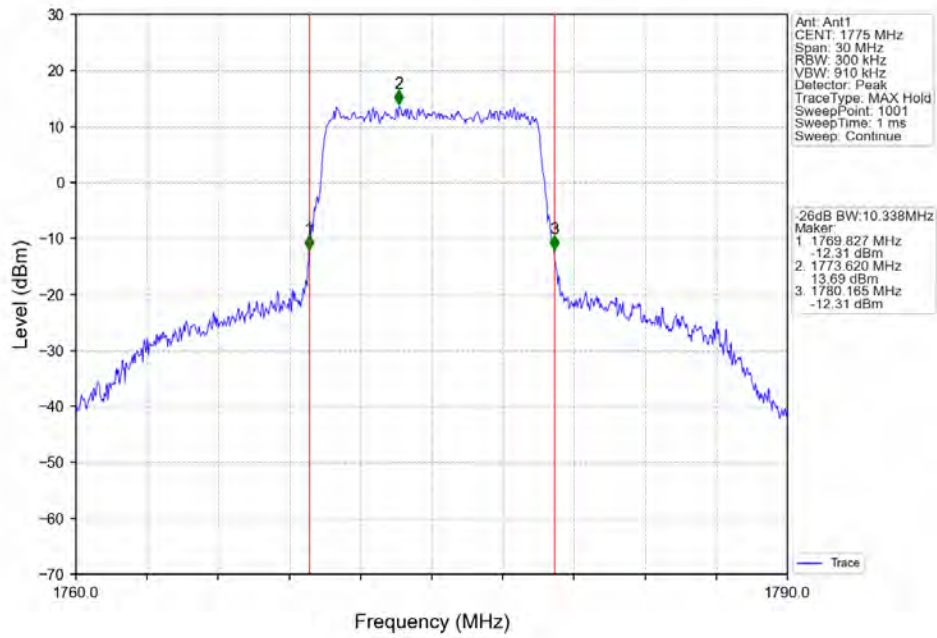
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



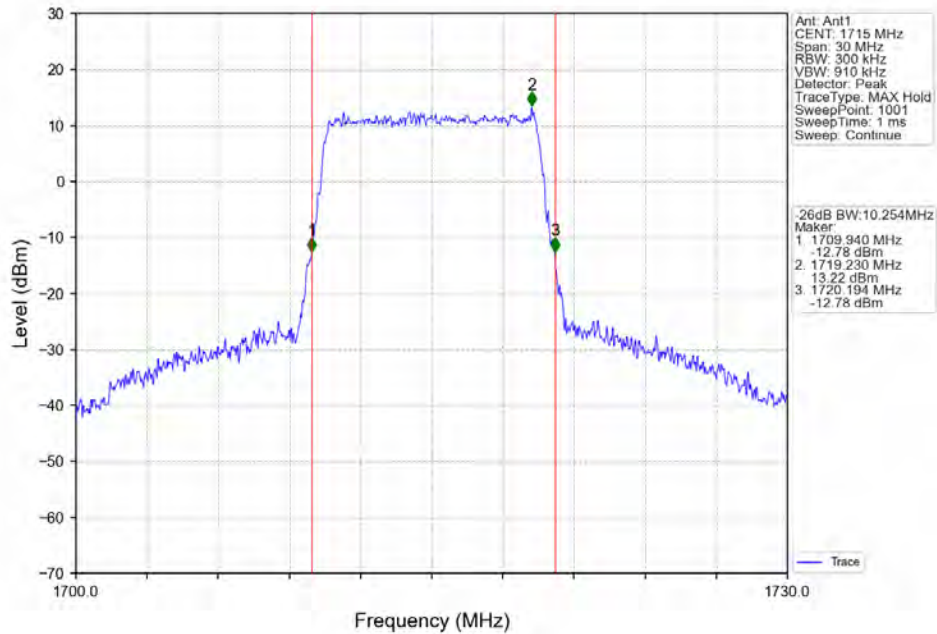
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



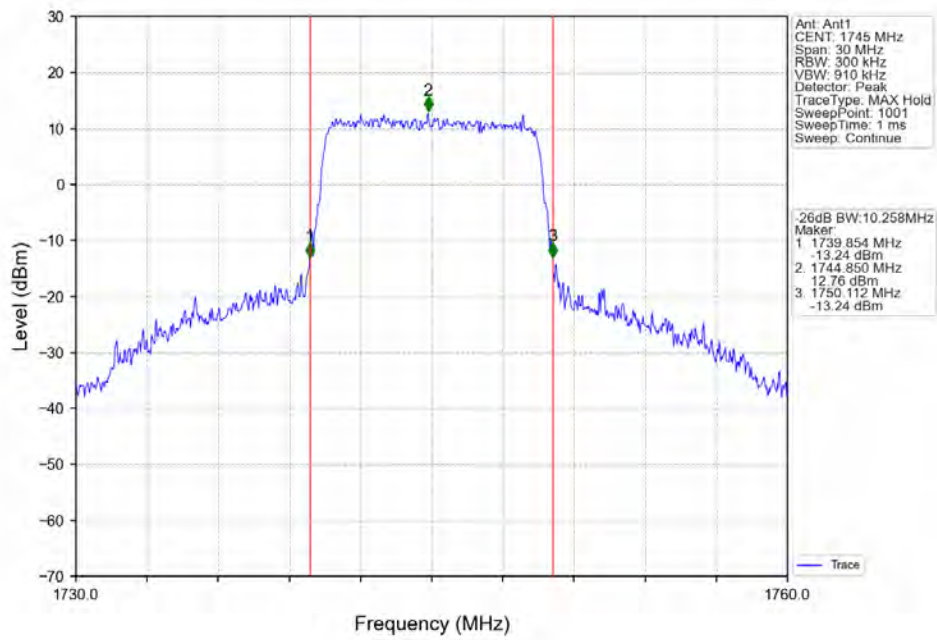
Band66_10MHz QPSK HCH 1775MHz RB 50 0 NTNV



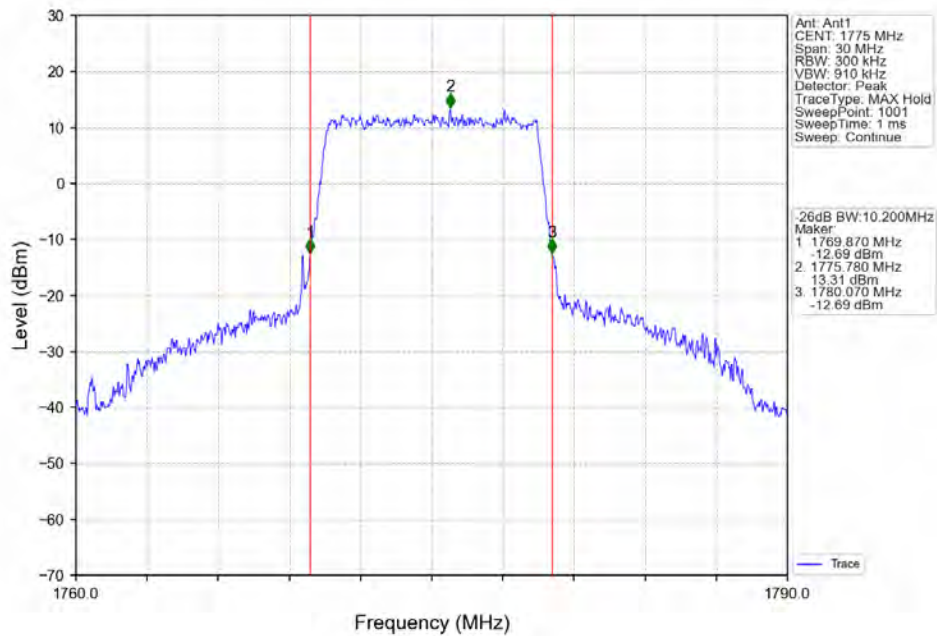
Band66_10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



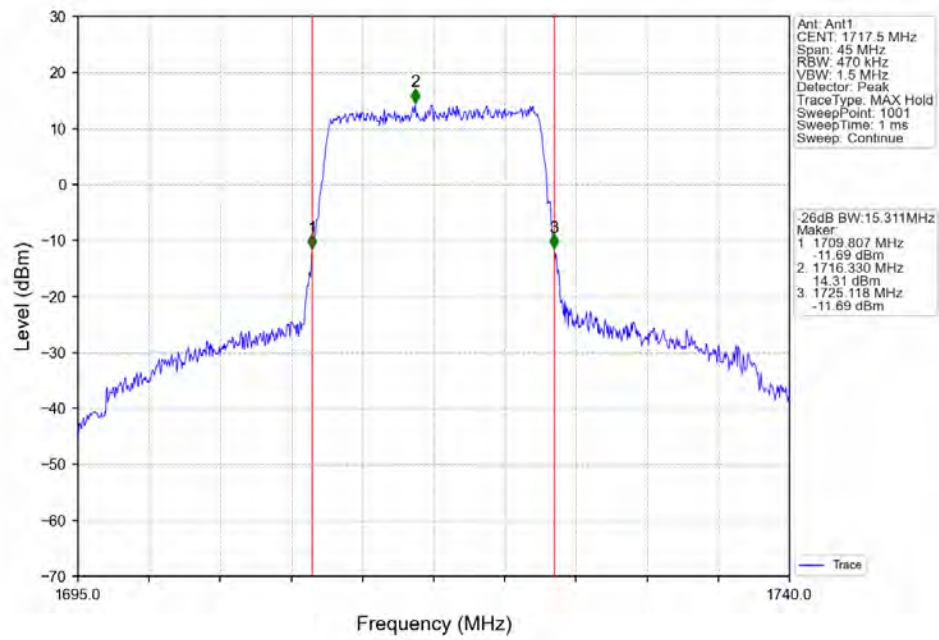
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



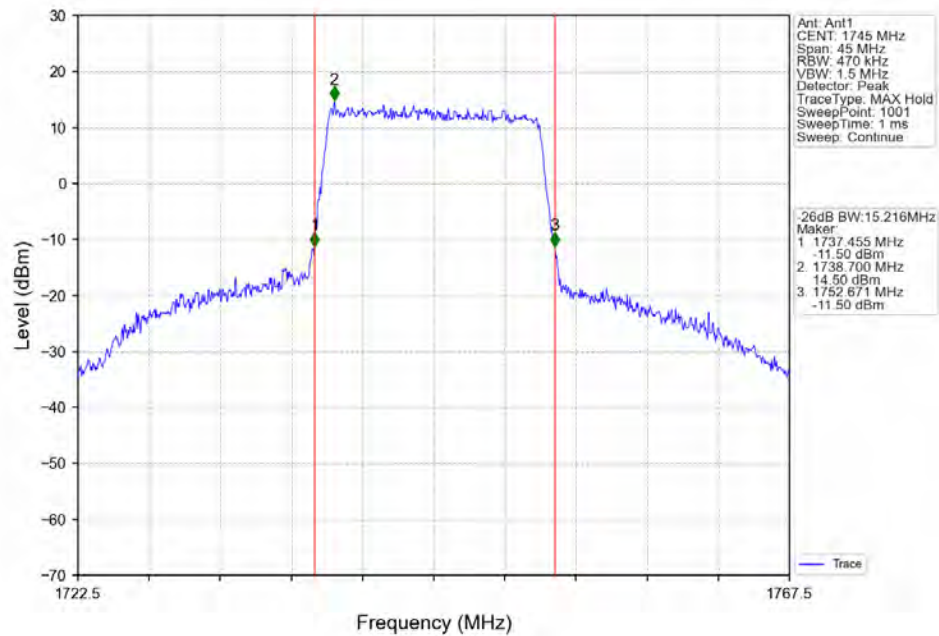
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



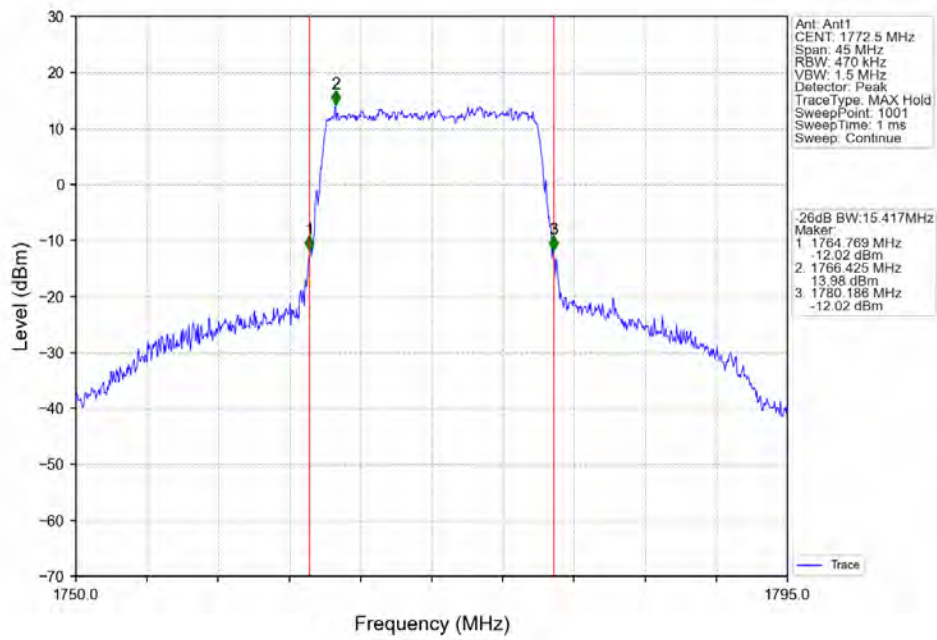
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



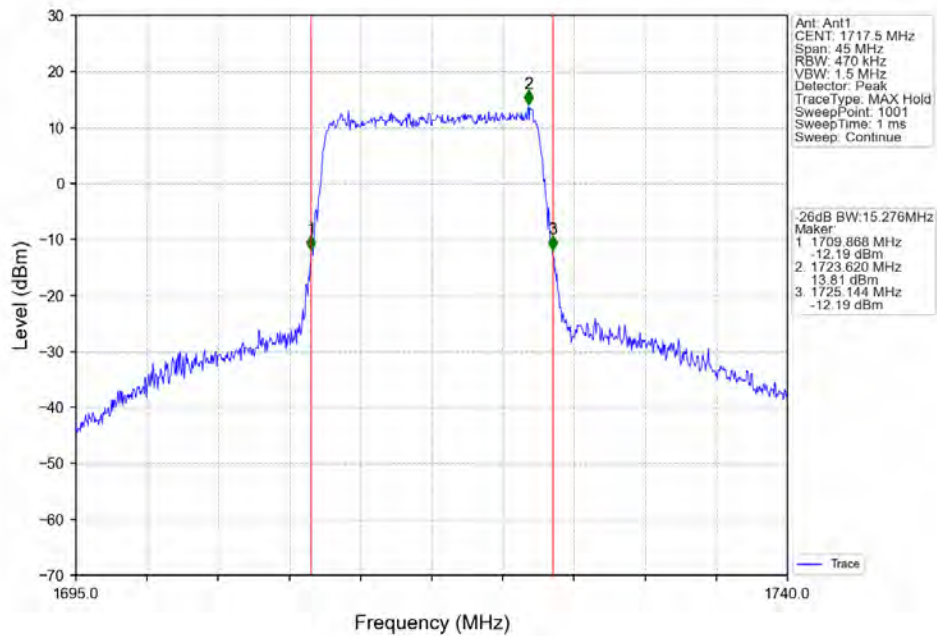
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



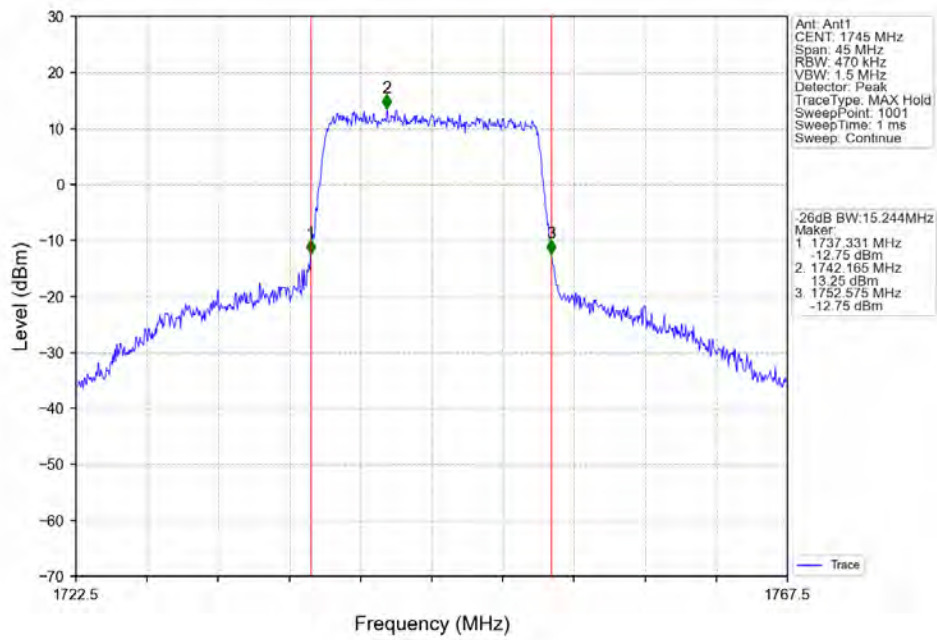
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



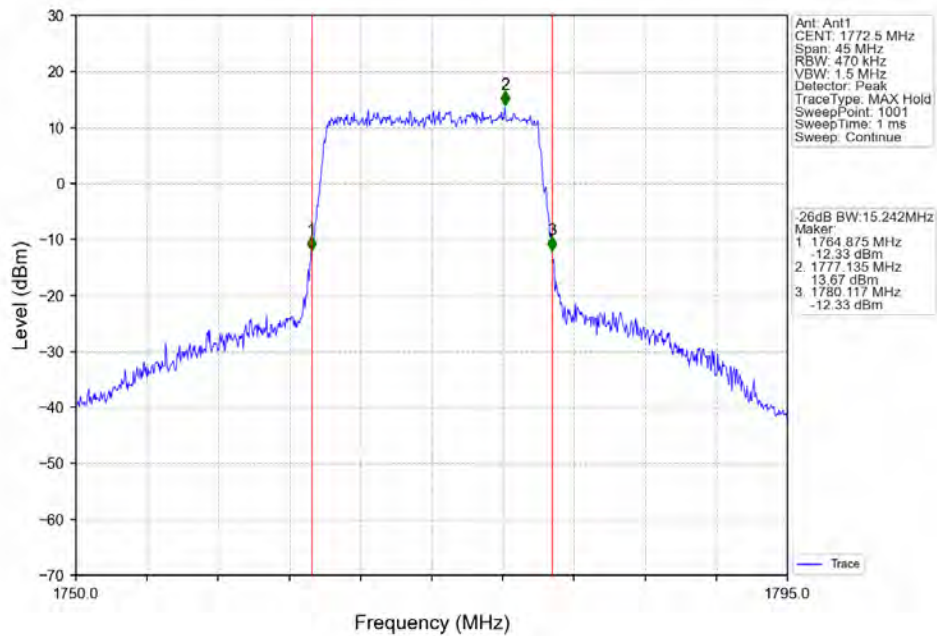
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



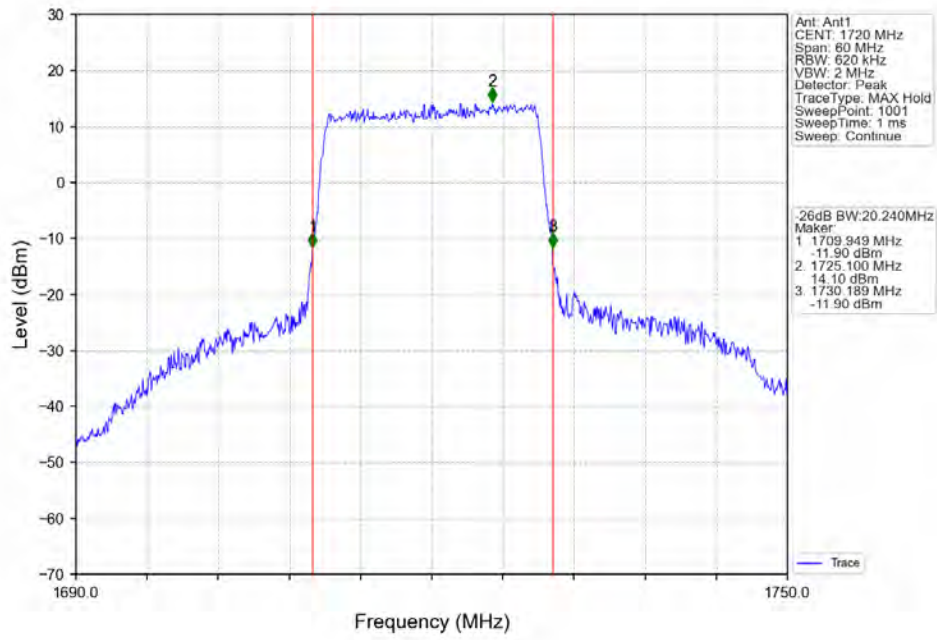
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



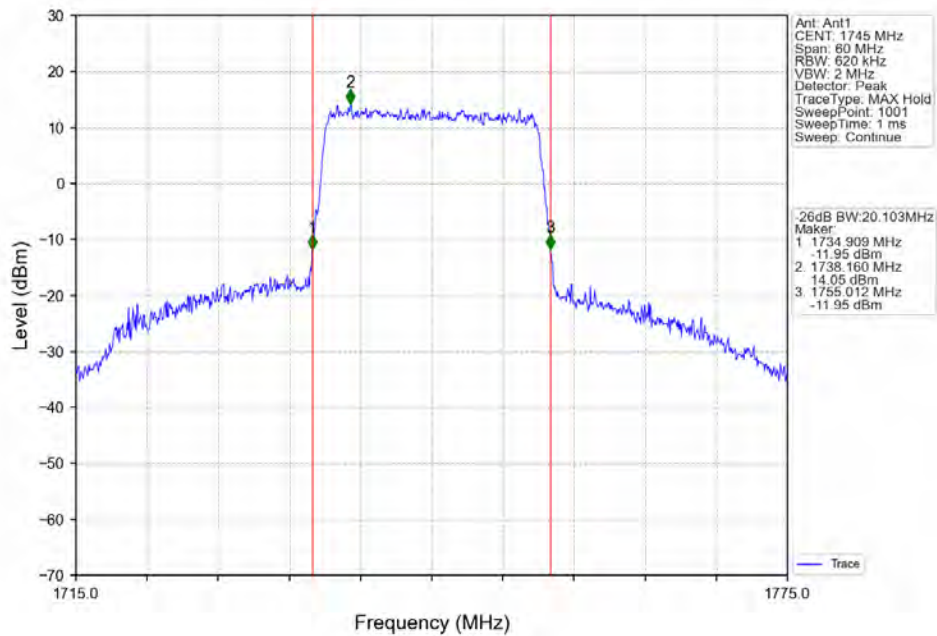
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



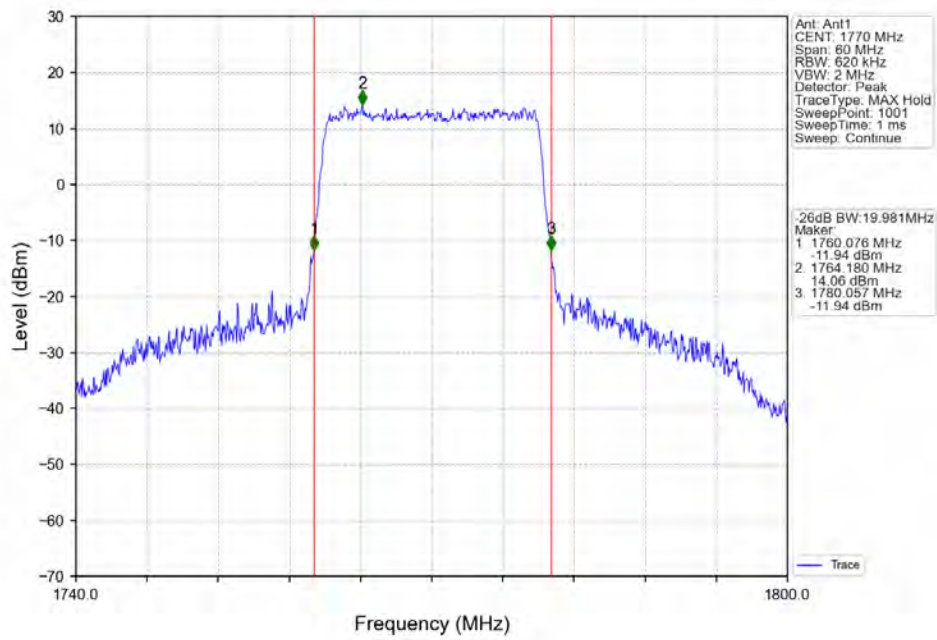
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



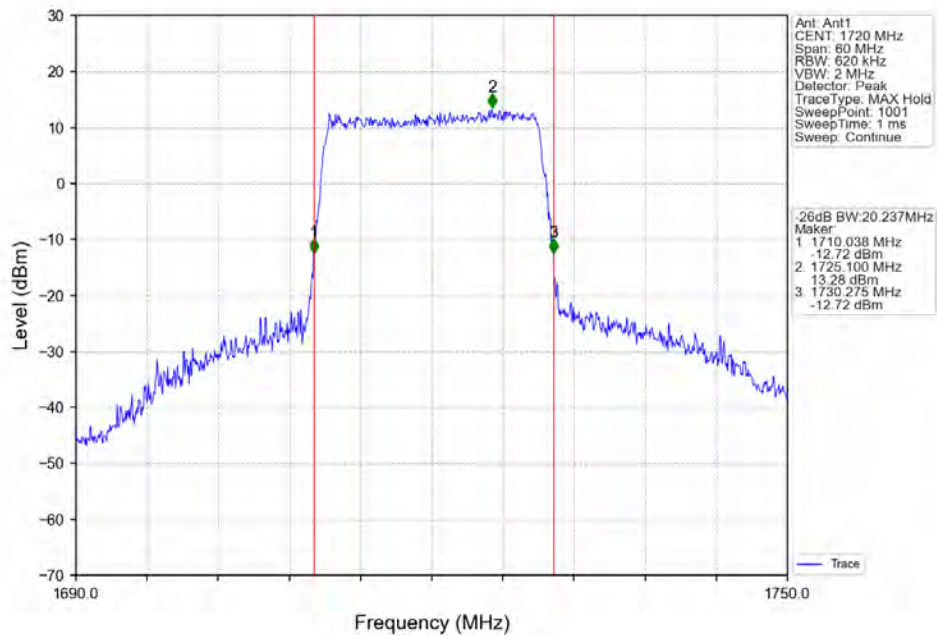
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



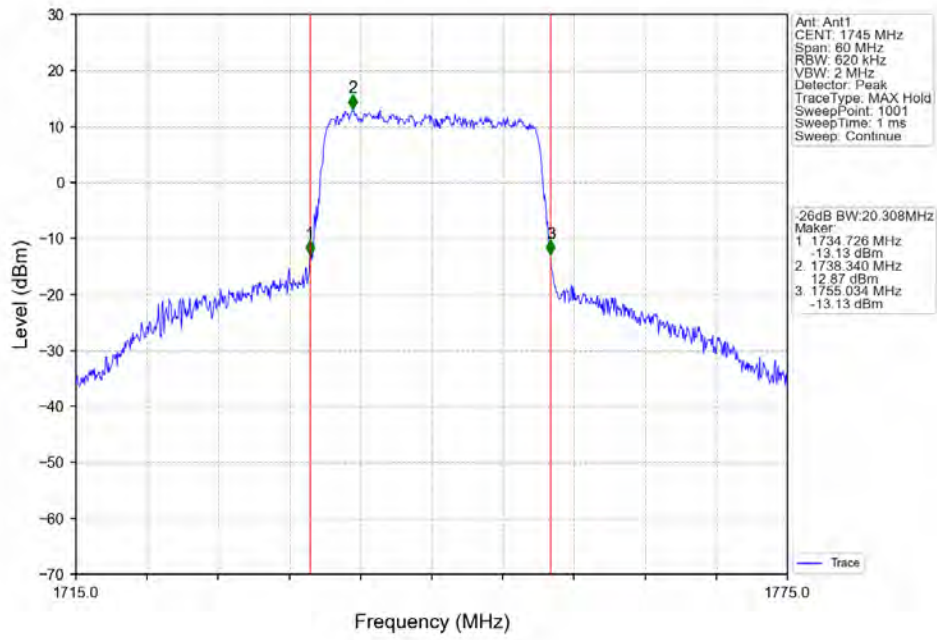
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



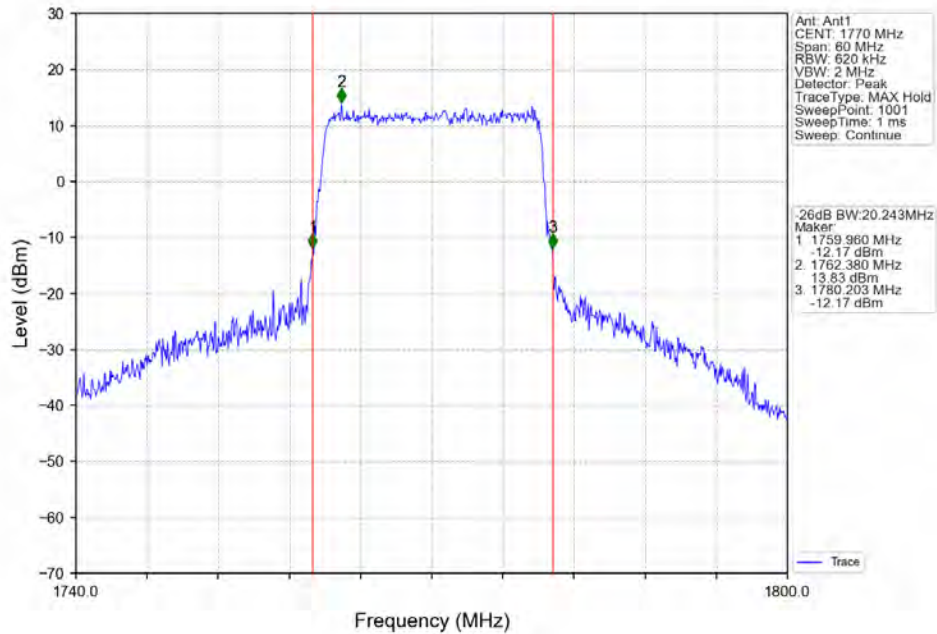
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



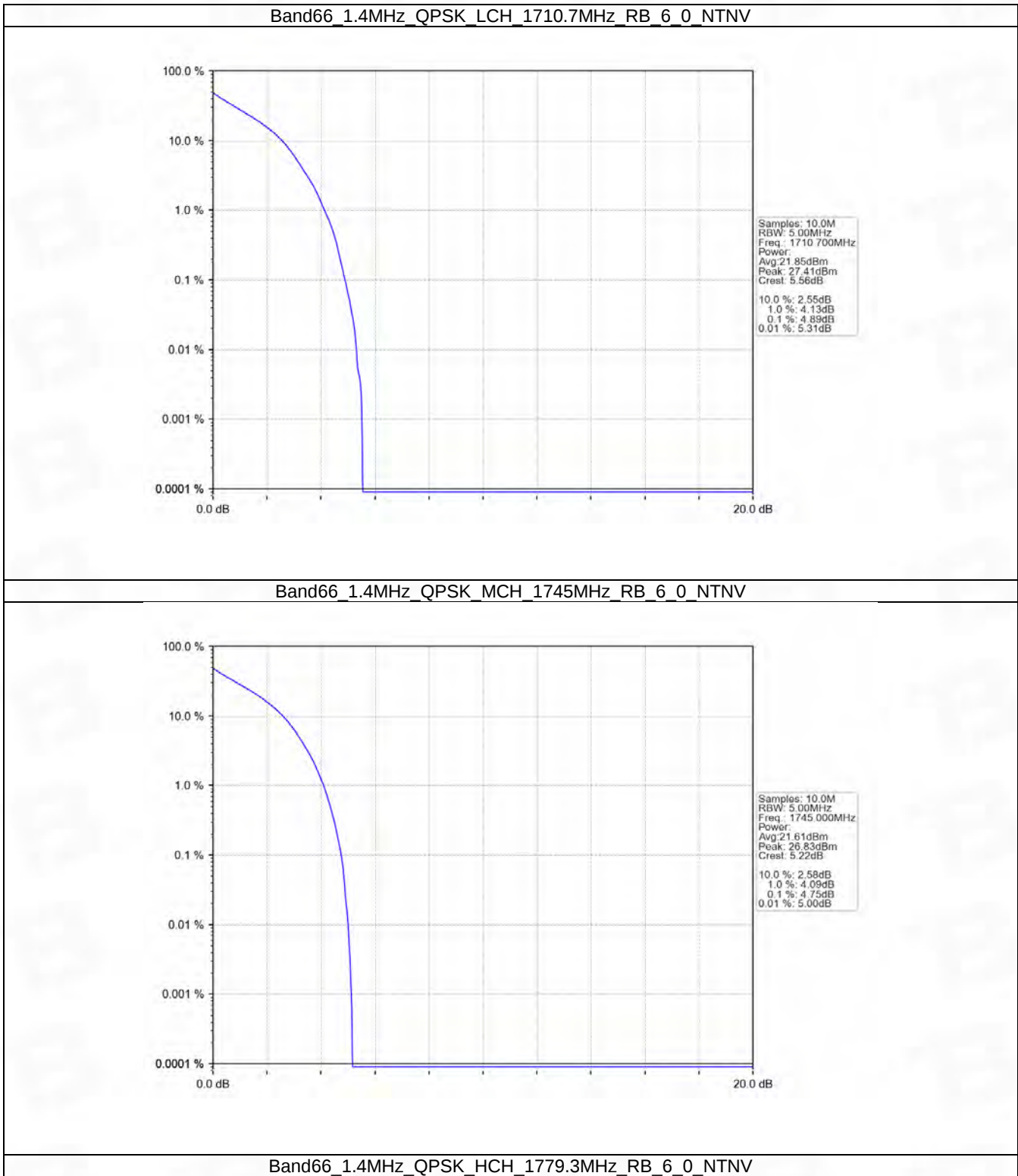
5. Peak-Average Ratio

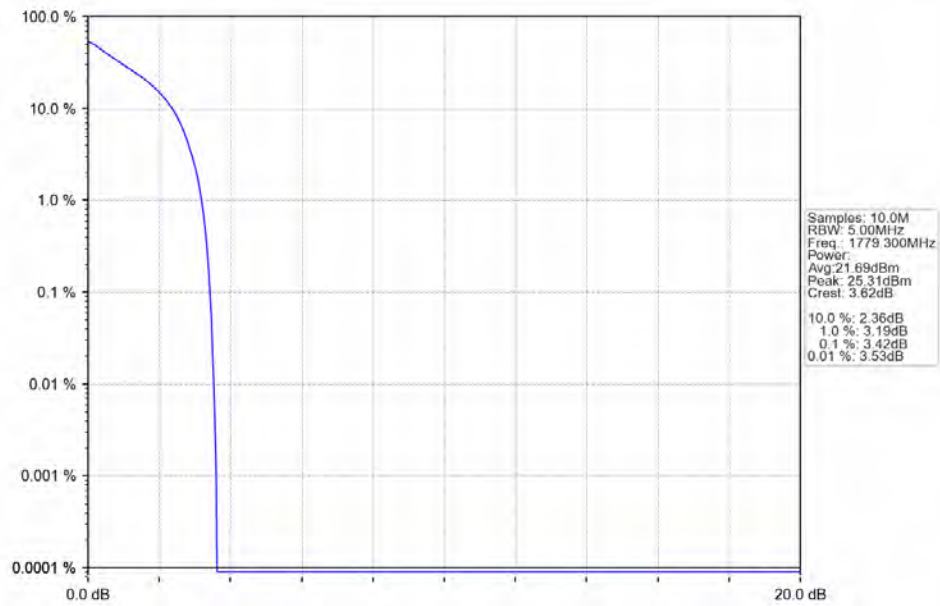
5.1 B66_1.4MHz

5.1.1 Test Result

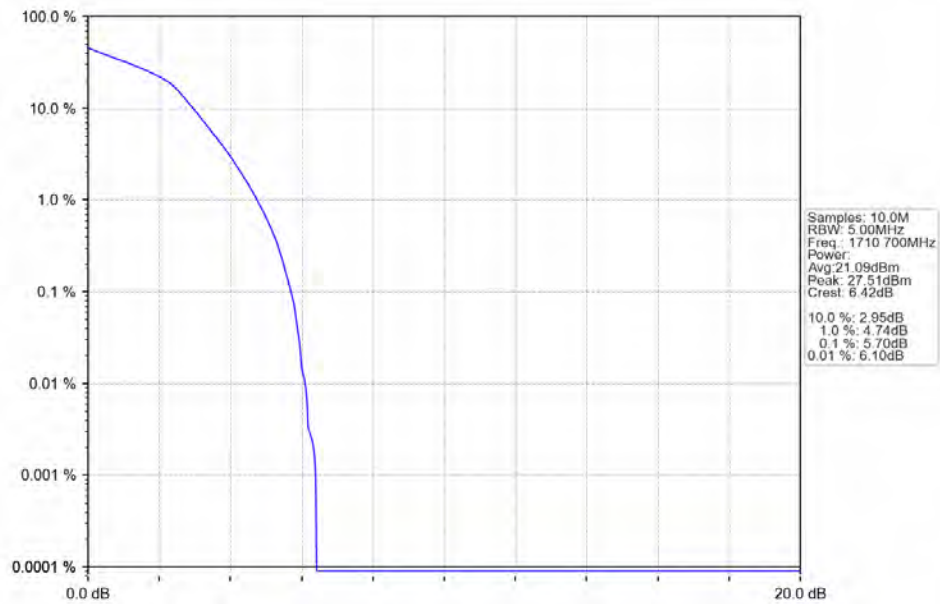
Band: 66 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.89	<=13	Pass
	1745	6	0	4.75	<=13	Pass
	1779.3	6	0	3.42	<=13	Pass
16QAM	1710.7	6	0	5.70	<=13	Pass
	1745	6	0	5.43	<=13	Pass
	1779.3	6	0	4.28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

5.1.2 Test Graph

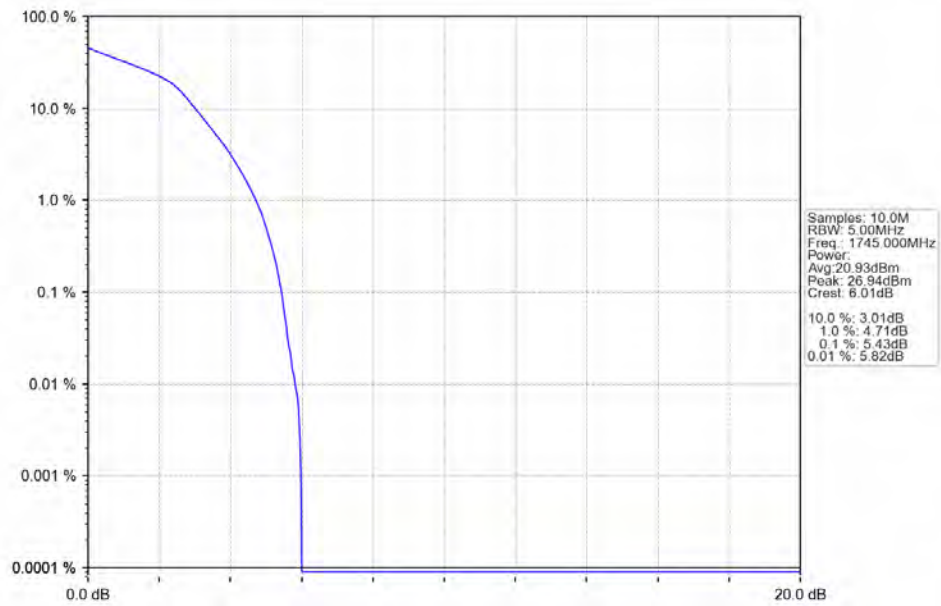




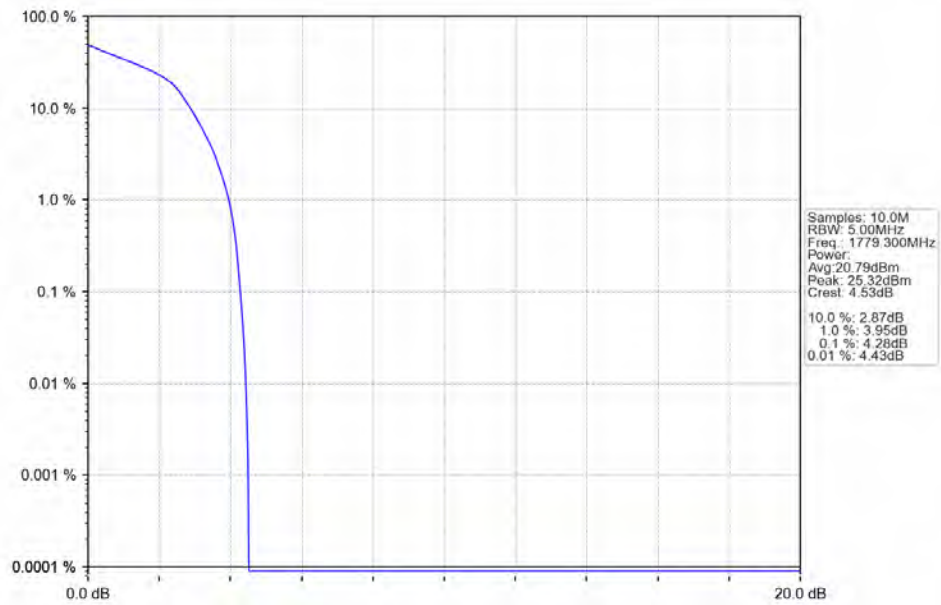
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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



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

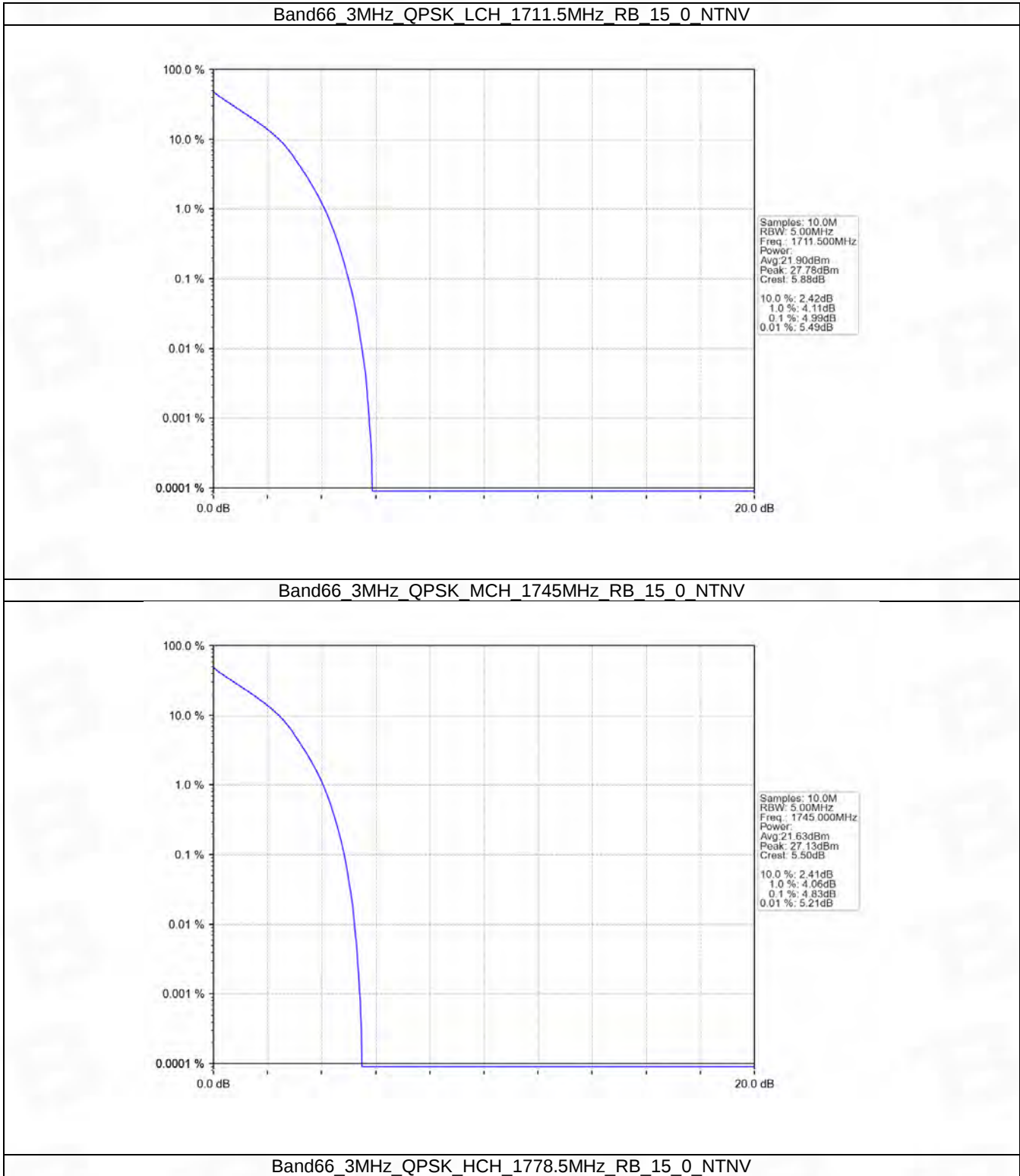


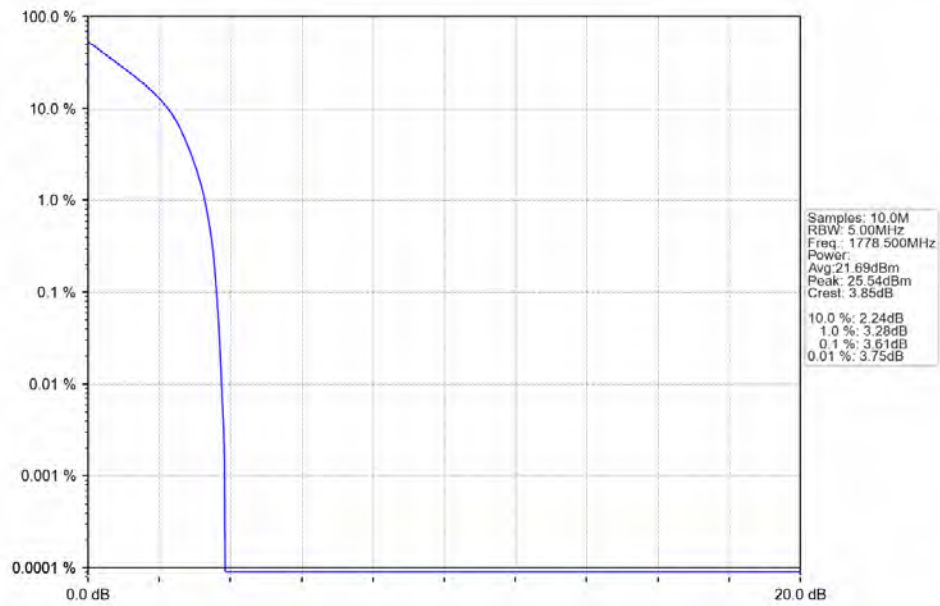
5.2 B66_3MHz

5.2.1 Test Result

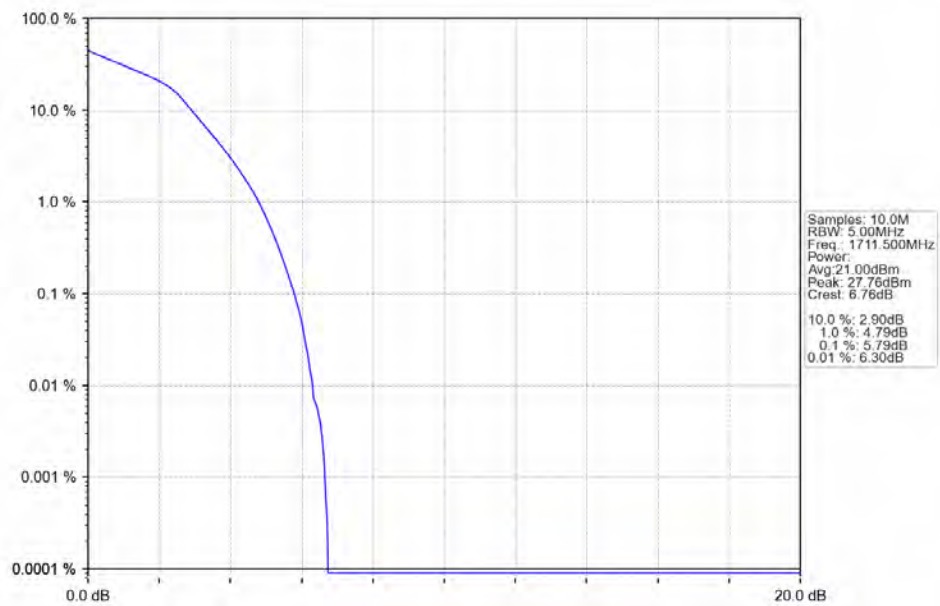
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.99	<=13	Pass
	1745	15	0	4.83	<=13	Pass
	1778.5	15	0	3.61	<=13	Pass
16QAM	1711.5	15	0	5.79	<=13	Pass
	1745	15	0	5.63	<=13	Pass
	1778.5	15	0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

5.2.2 Test Graph

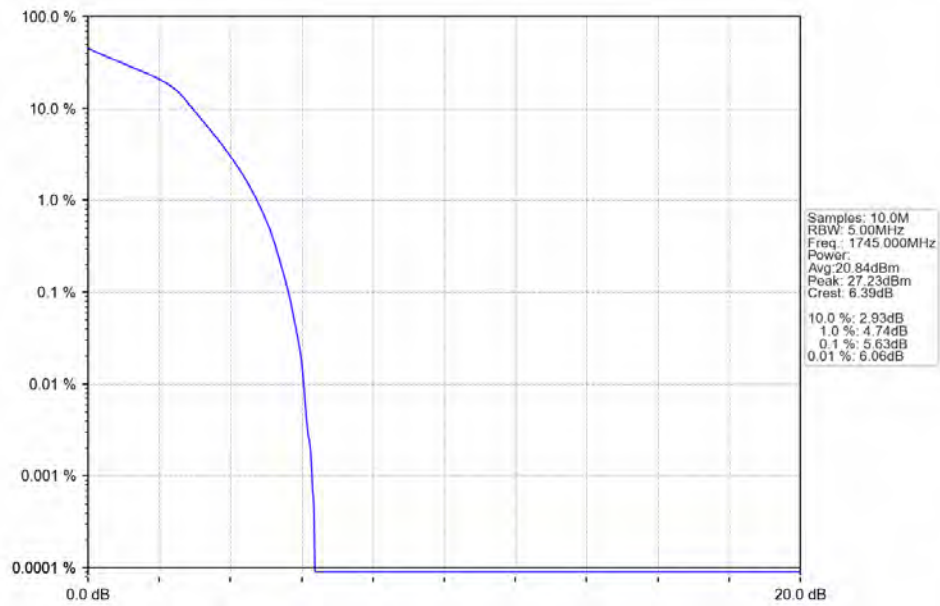




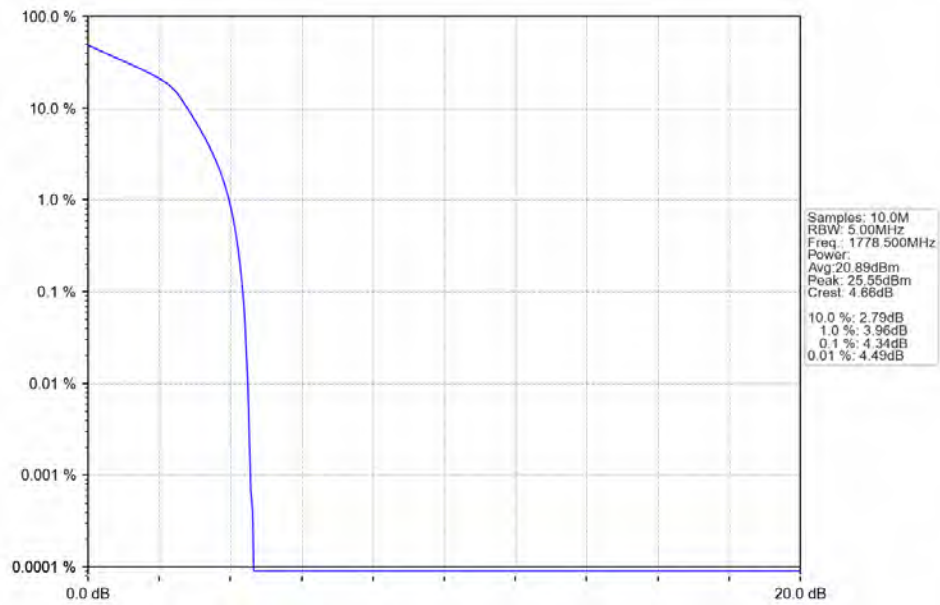
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

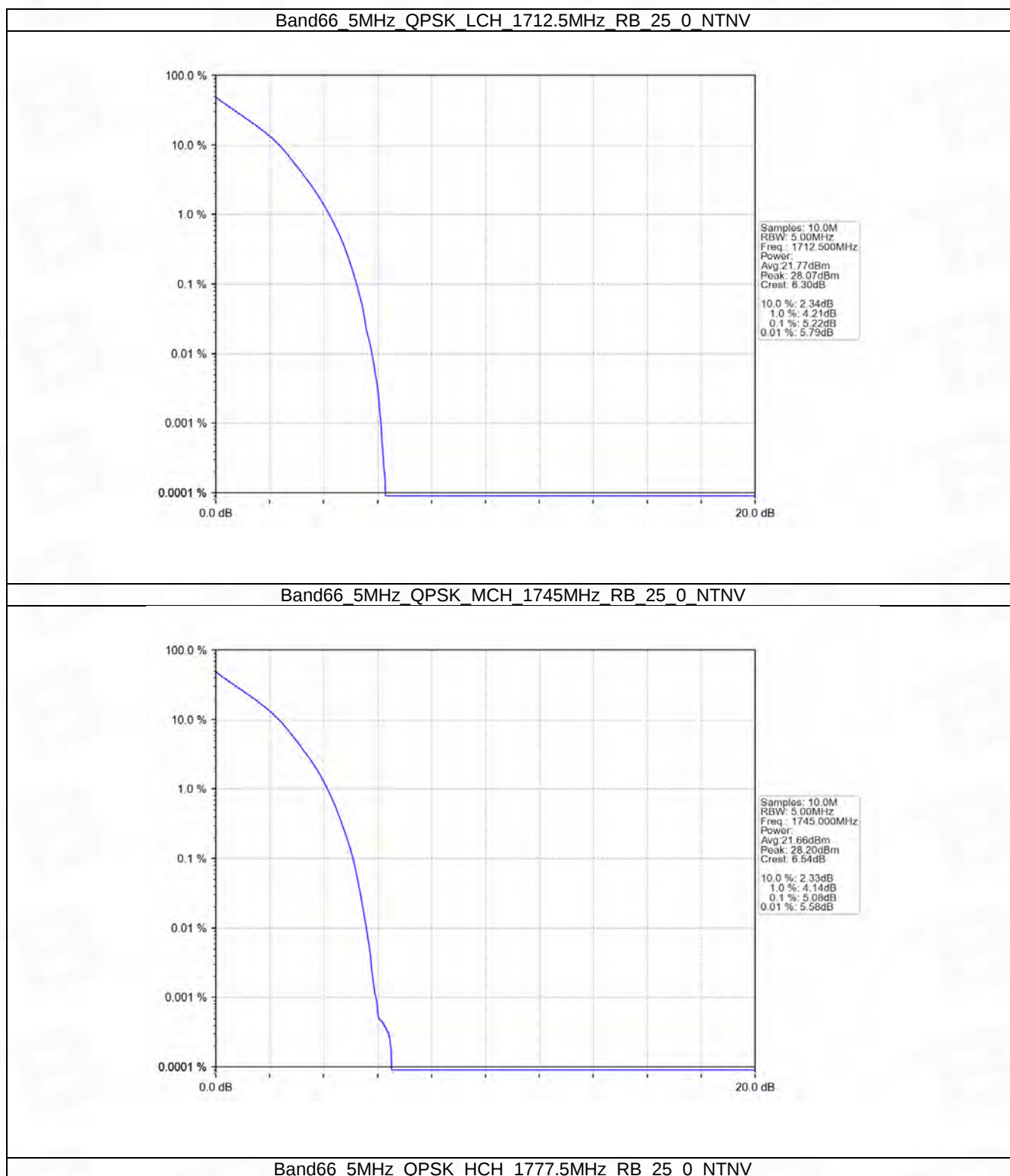


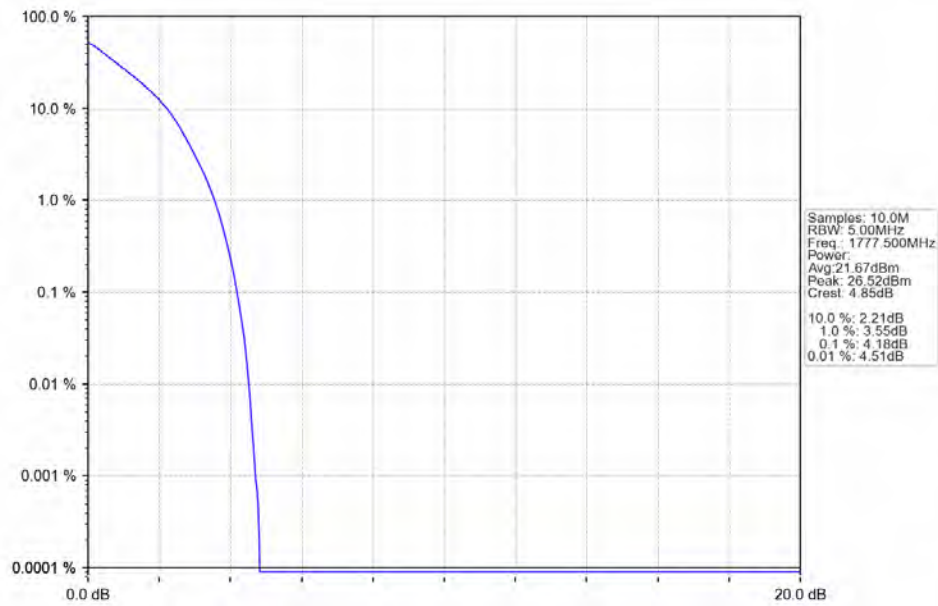
5.3 B66_5MHz

5.3.1 Test Result

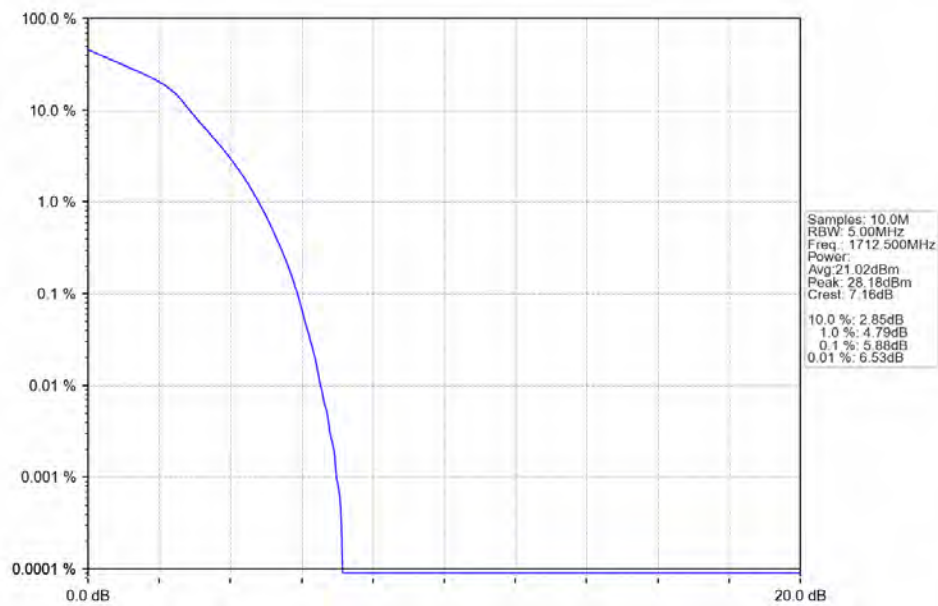
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.22	<=13	Pass
	1745	25	0	5.08	<=13	Pass
	1777.5	25	0	4.18	<=13	Pass
16QAM	1712.5	25	0	5.88	<=13	Pass
	1745	25	0	5.81	<=13	Pass
	1777.5	25	0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

5.3.2 Test Graph

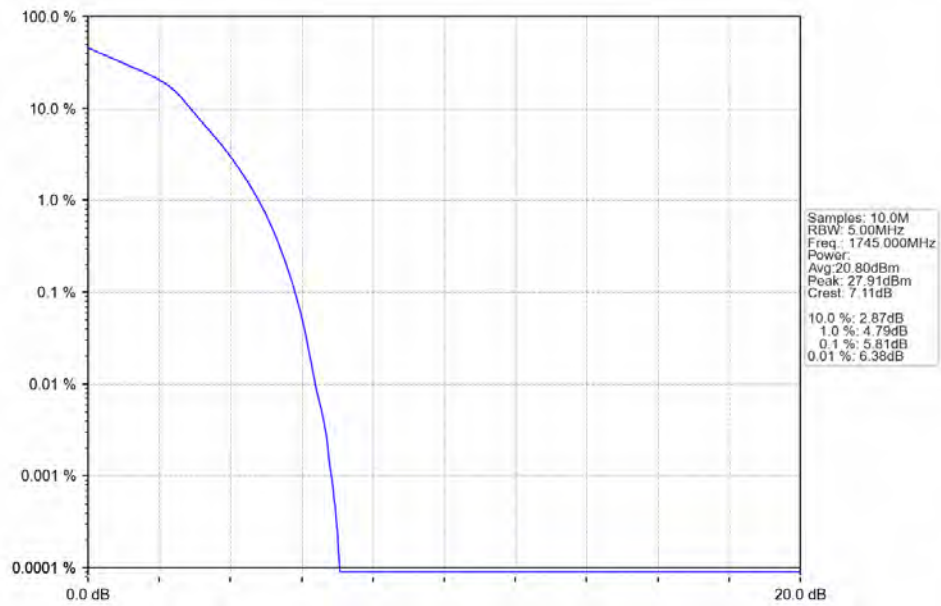




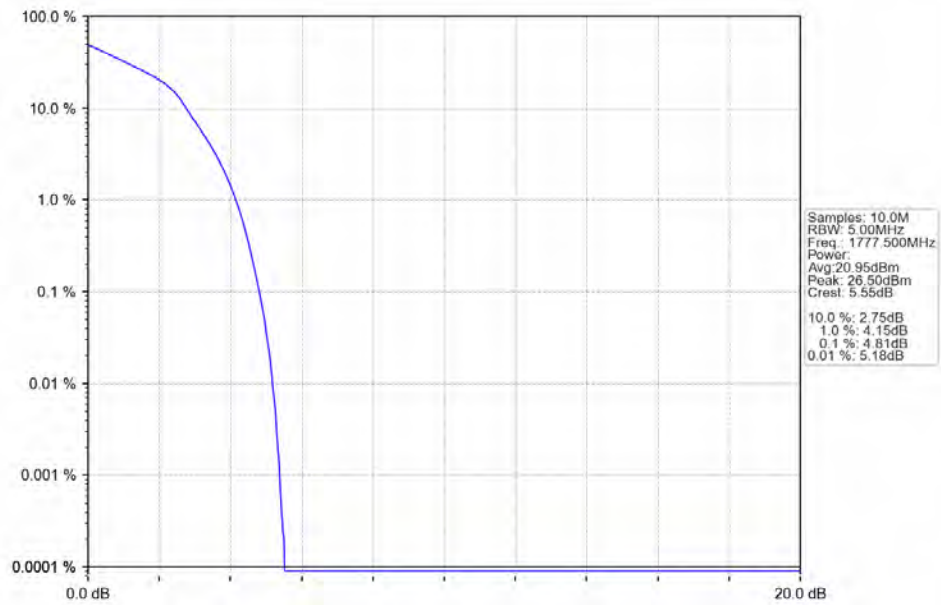
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

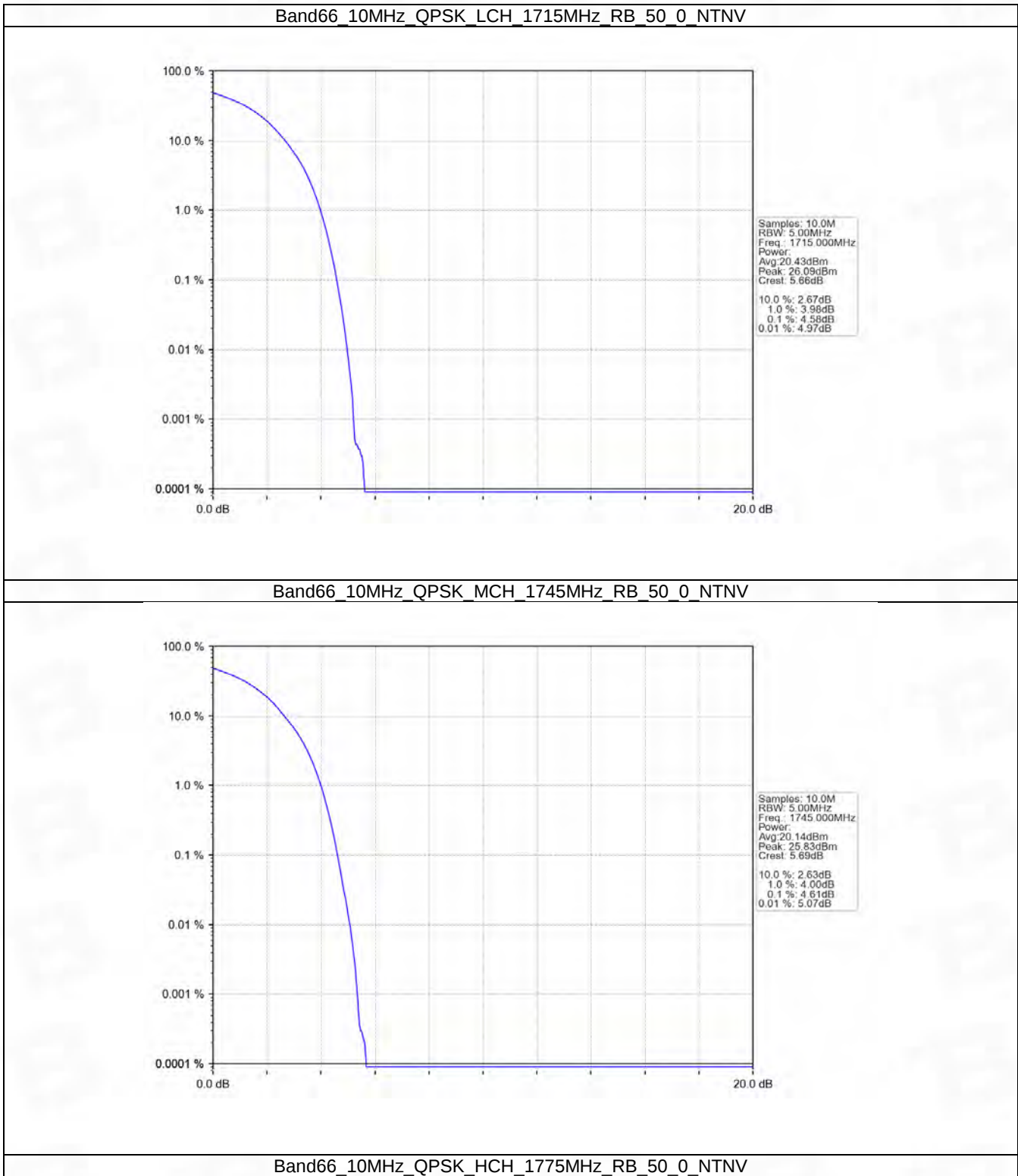


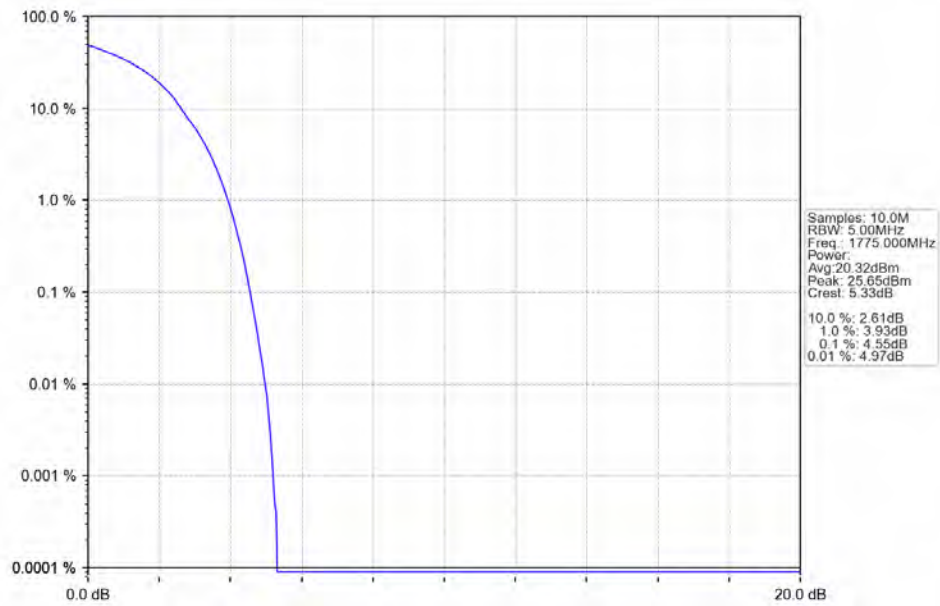
5.4 B66_10MHz

5.4.1 Test Result

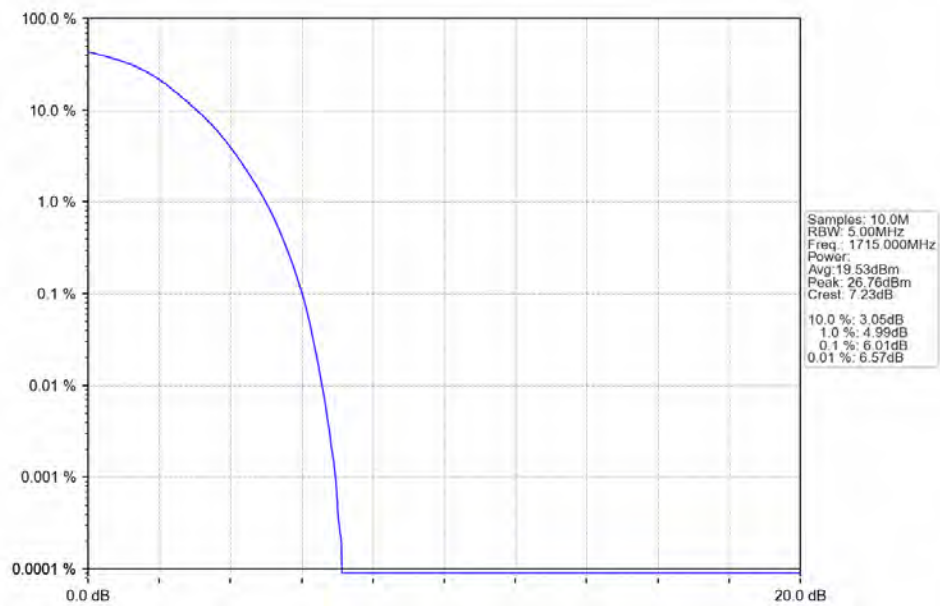
Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.58	<=13	Pass
	1745	50	0	4.61	<=13	Pass
	1775	50	0	4.55	<=13	Pass
16QAM	1715	50	0	6.01	<=13	Pass
	1745	50	0	5.94	<=13	Pass
	1775	50	0	5.74	<=13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

5.4.2 Test Graph

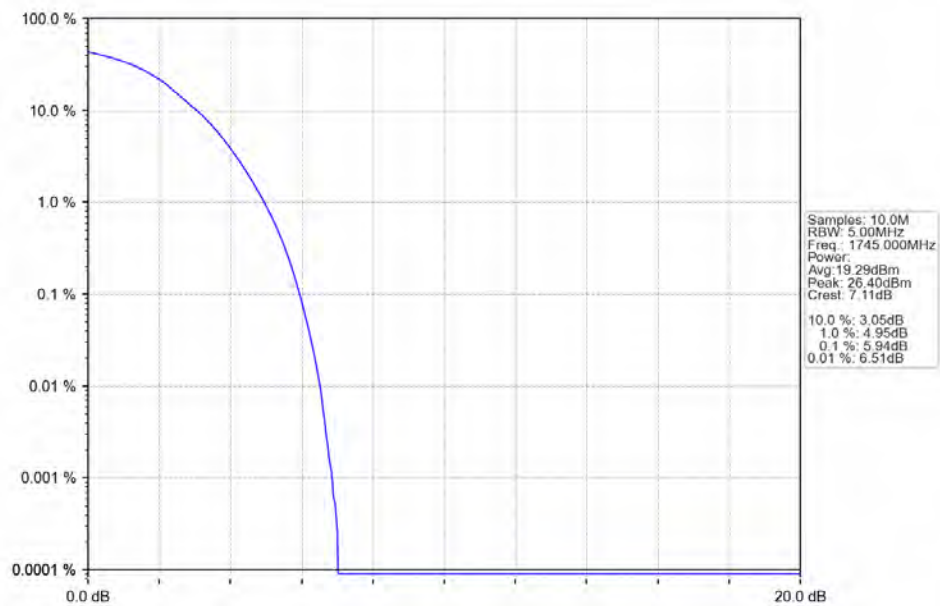




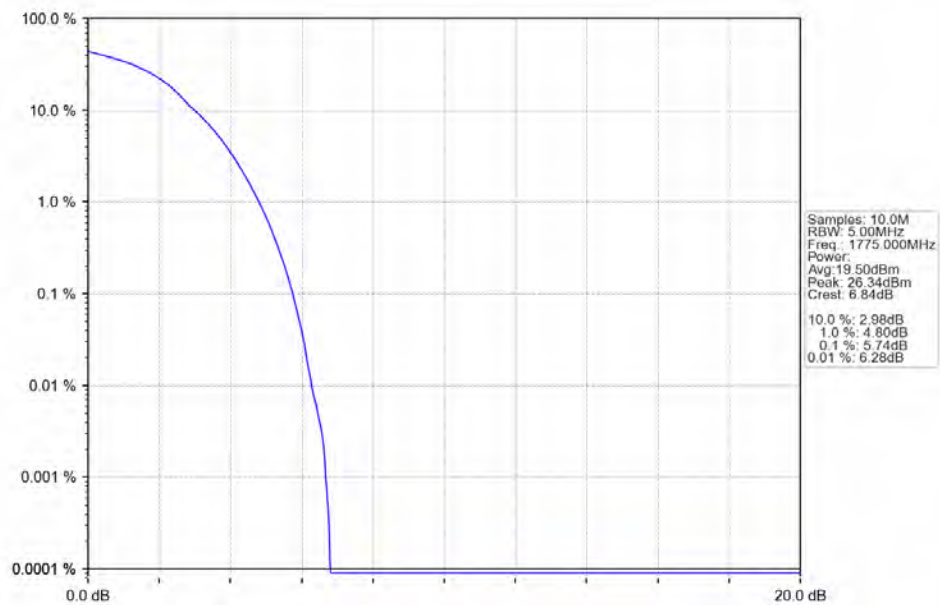
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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



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

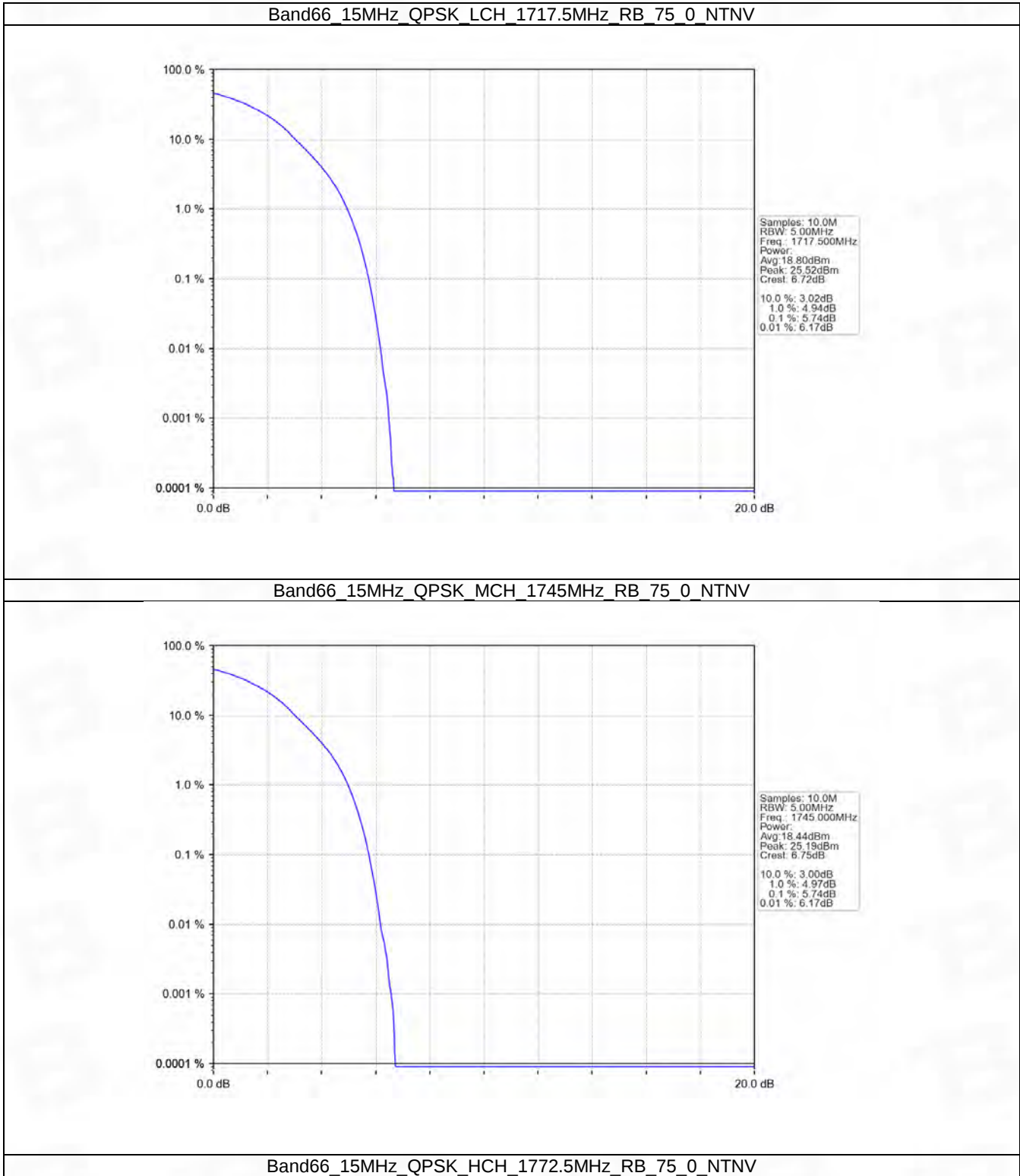


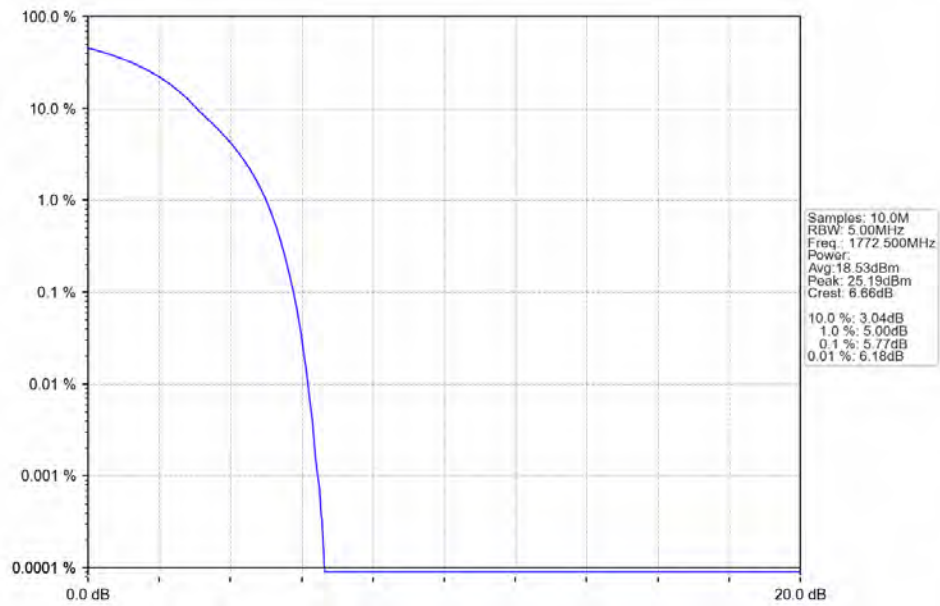
5.5 B66_15MHz

5.5.1 Test Result

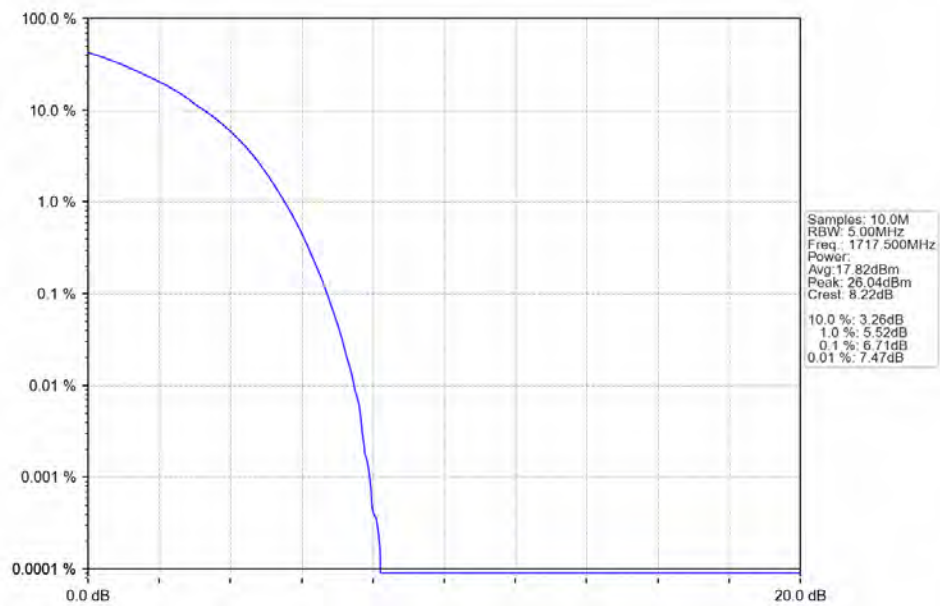
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.74	<=13	Pass
	1745	75	0	5.74	<=13	Pass
	1772.5	75	0	5.77	<=13	Pass
16QAM	1717.5	75	0	6.71	<=13	Pass
	1745	75	0	6.79	<=13	Pass
	1772.5	75	0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

5.5.2 Test Graph

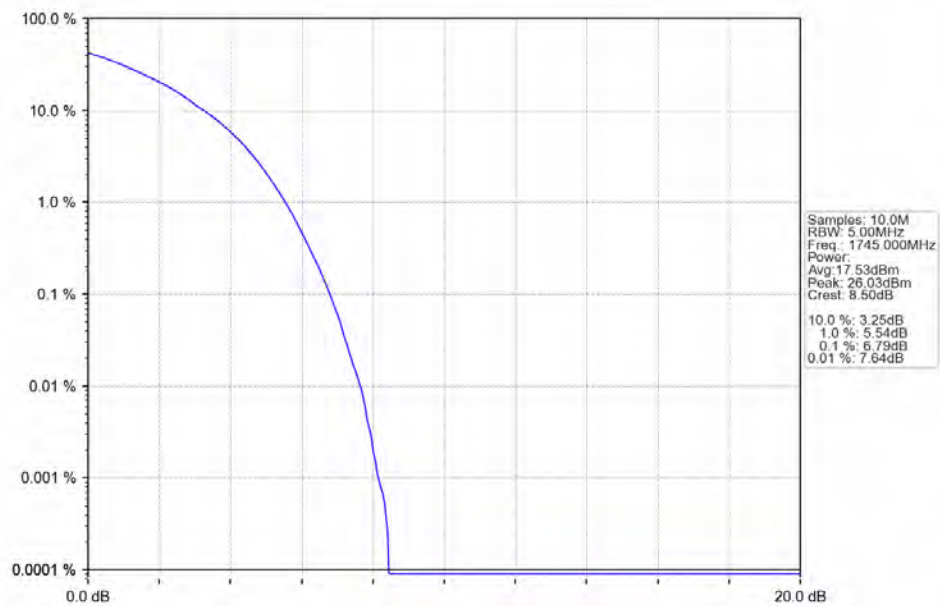




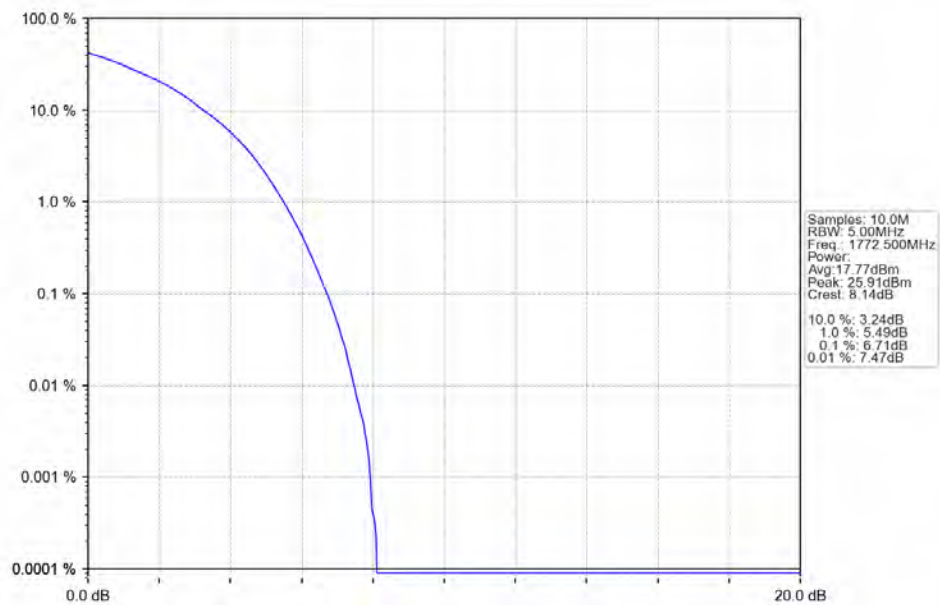
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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



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

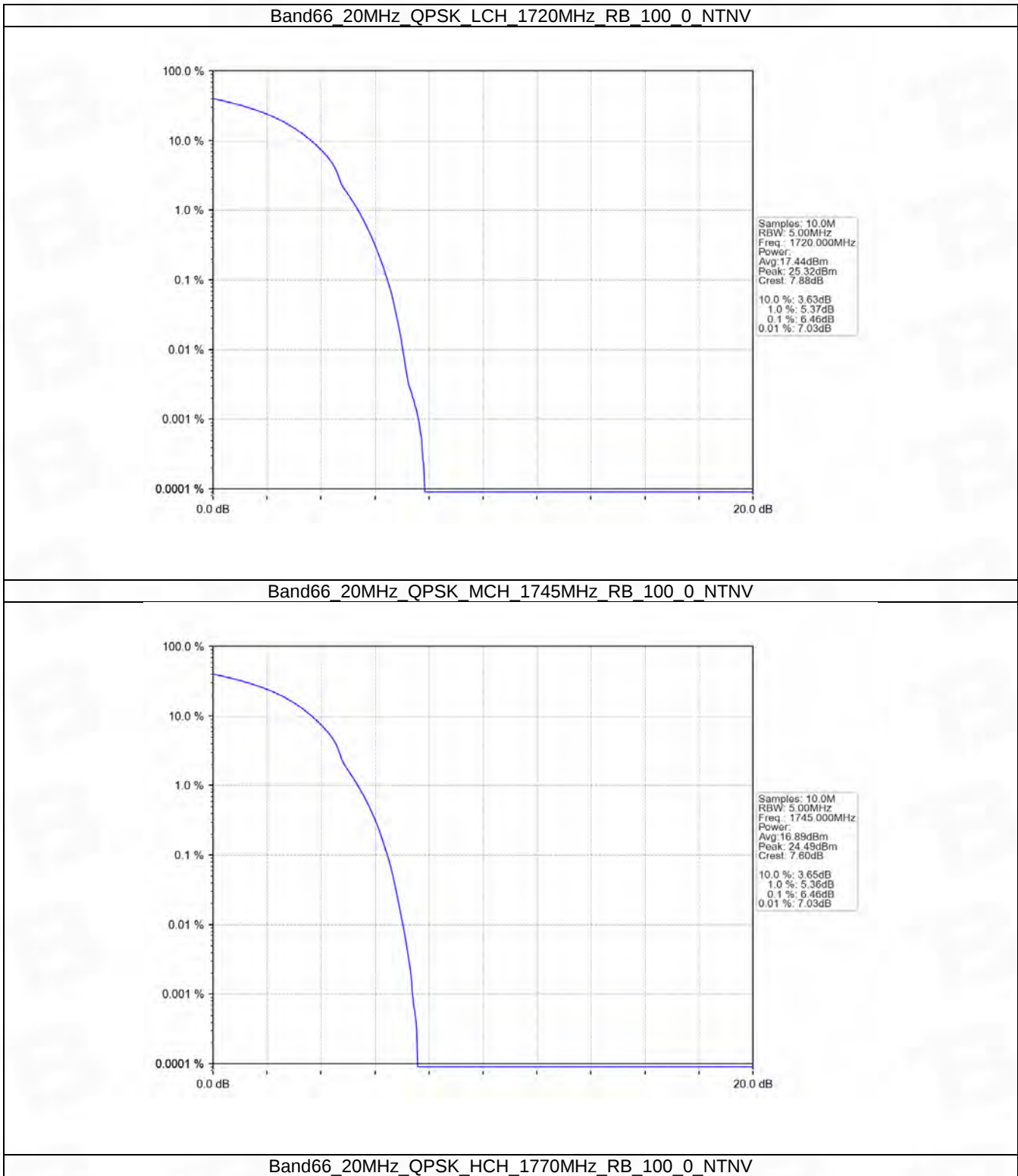


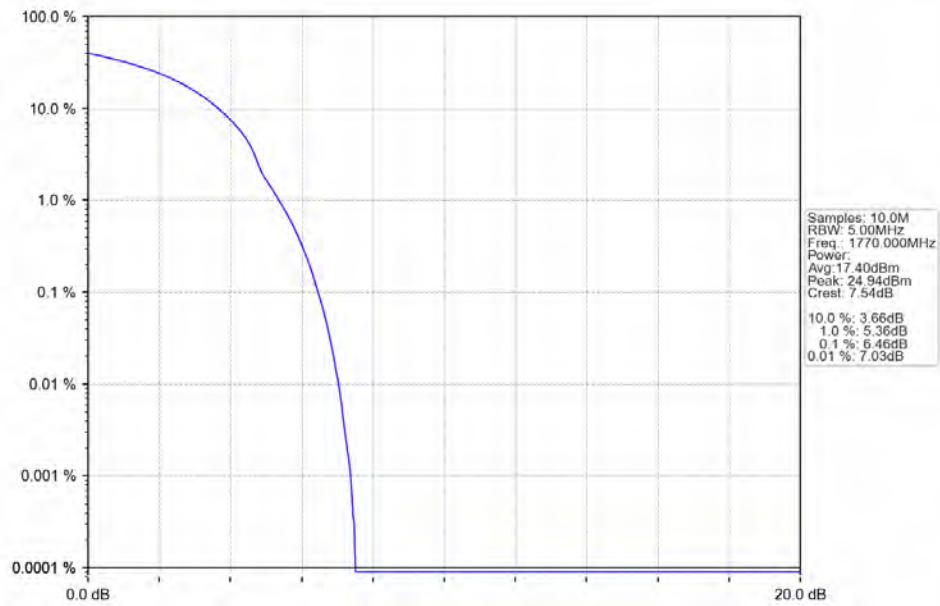
5.6 B66_20MHz

5.6.1 Test Result

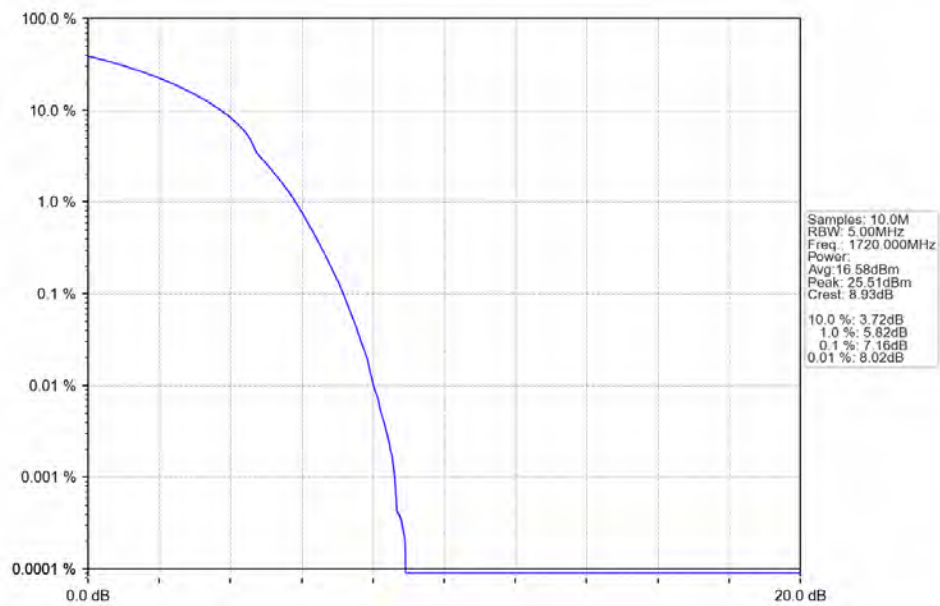
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	6.46	<=13	Pass
	1745	100	0	6.46	<=13	Pass
	1770	100	0	6.46	<=13	Pass
16QAM	1720	100	0	7.16	<=13	Pass
	1745	100	0	7.20	<=13	Pass
	1770	100	0	7.05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

5.6.2 Test Graph

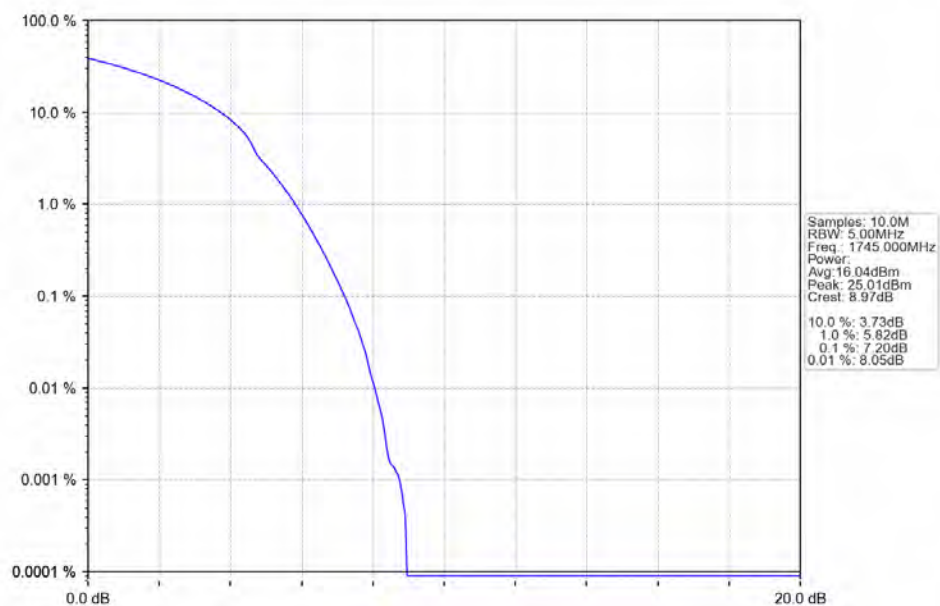




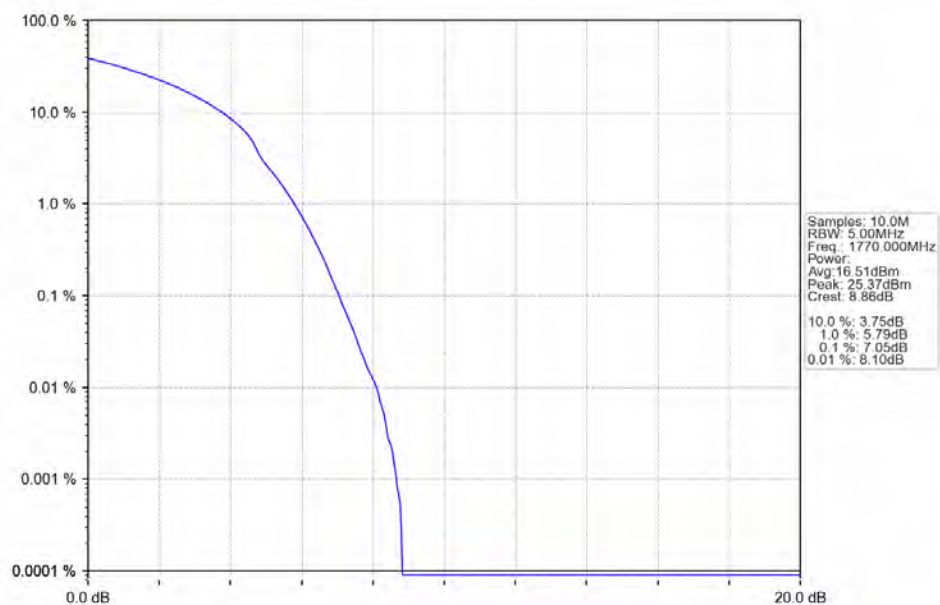
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



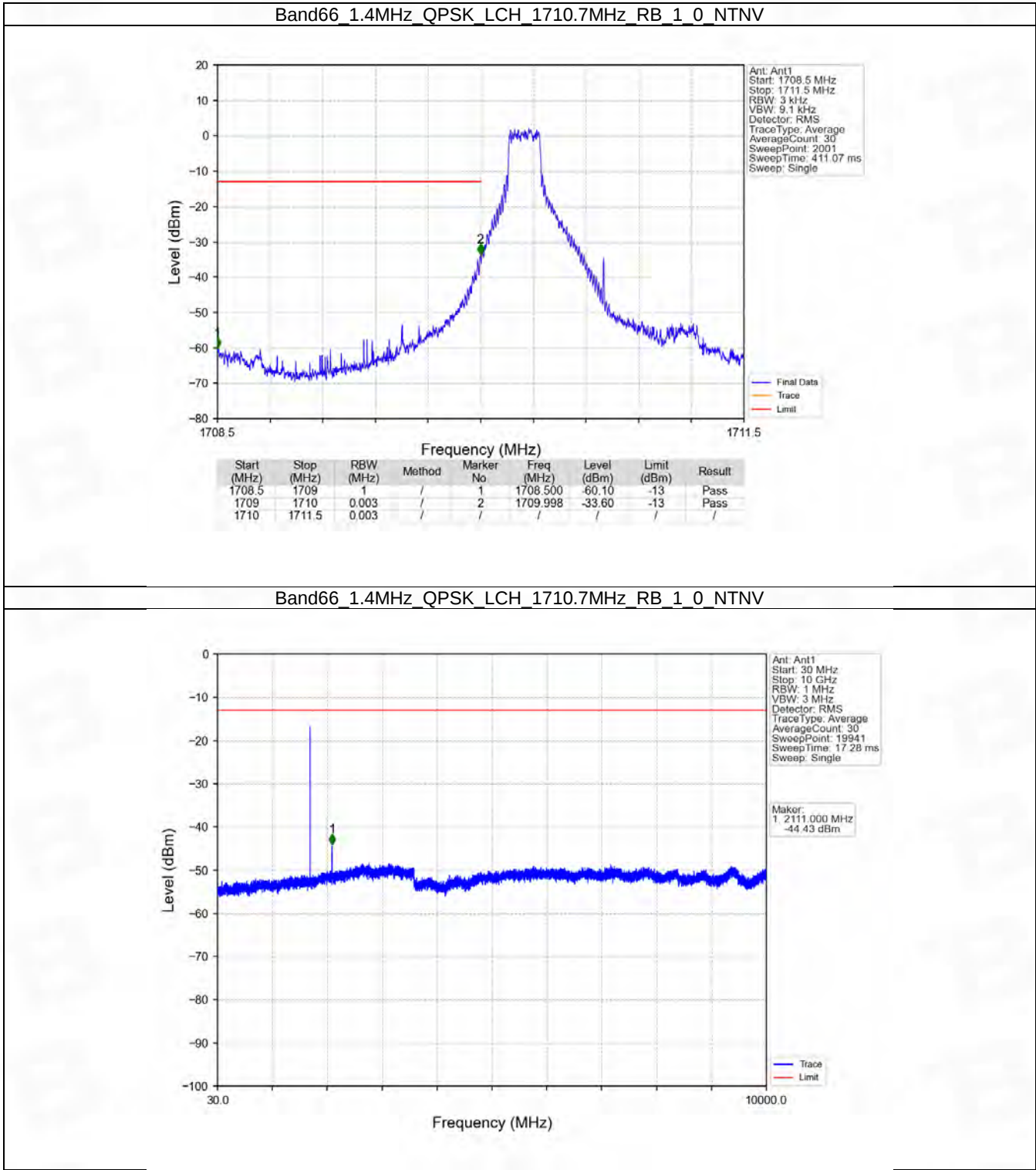
6. Spurious Emission

6.1 B66_1.4MHz

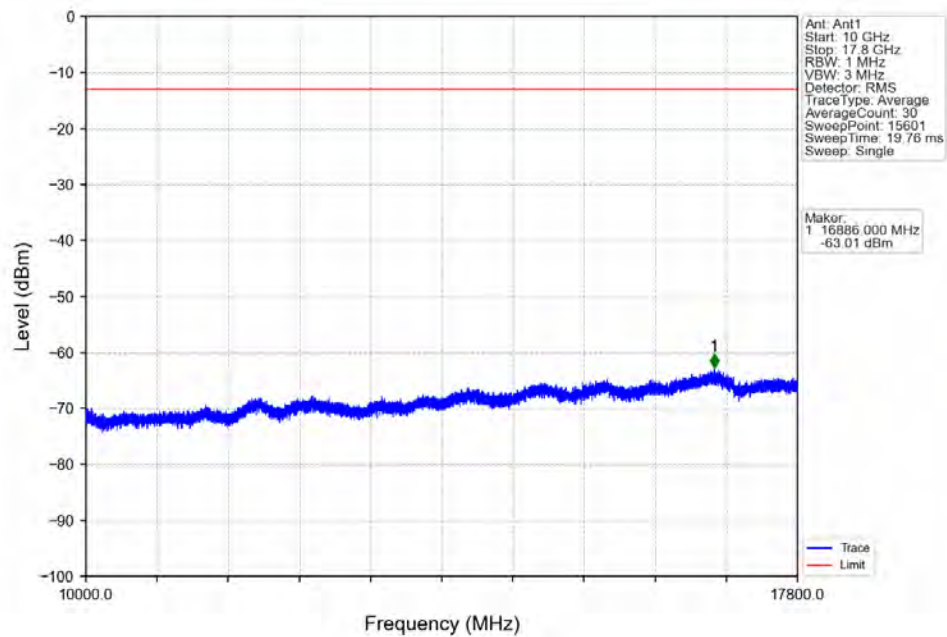
6.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

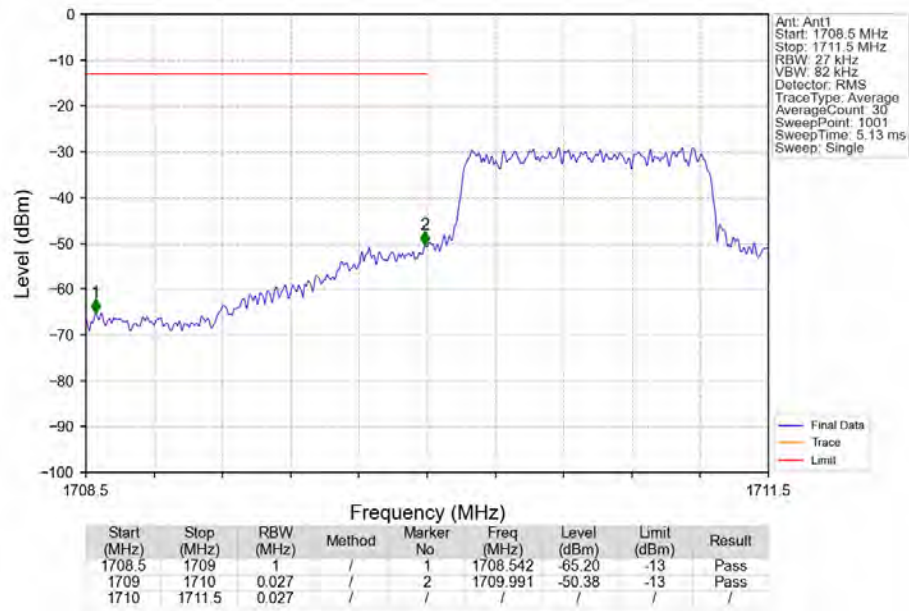
6.1.2 Test Graph



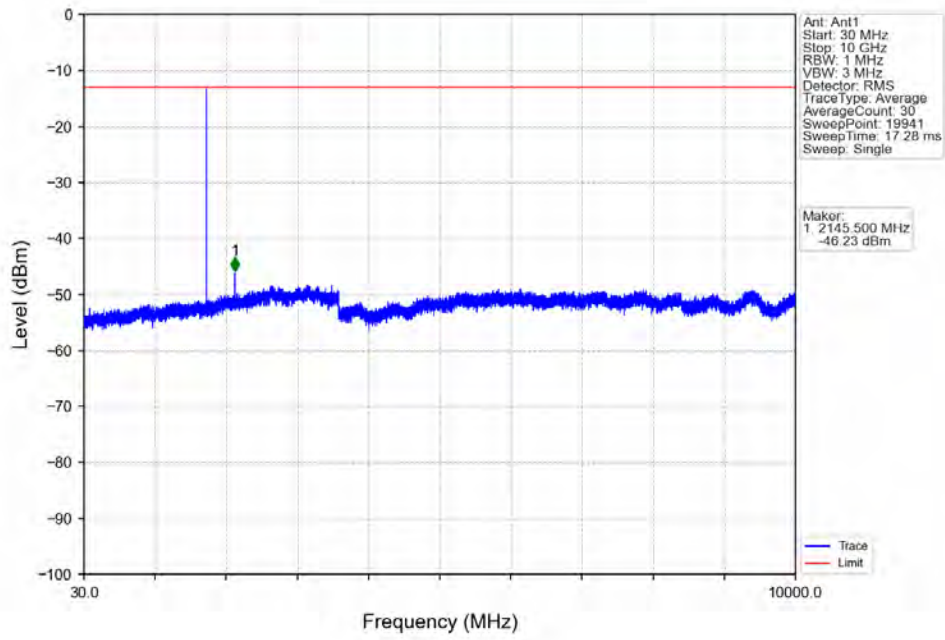
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



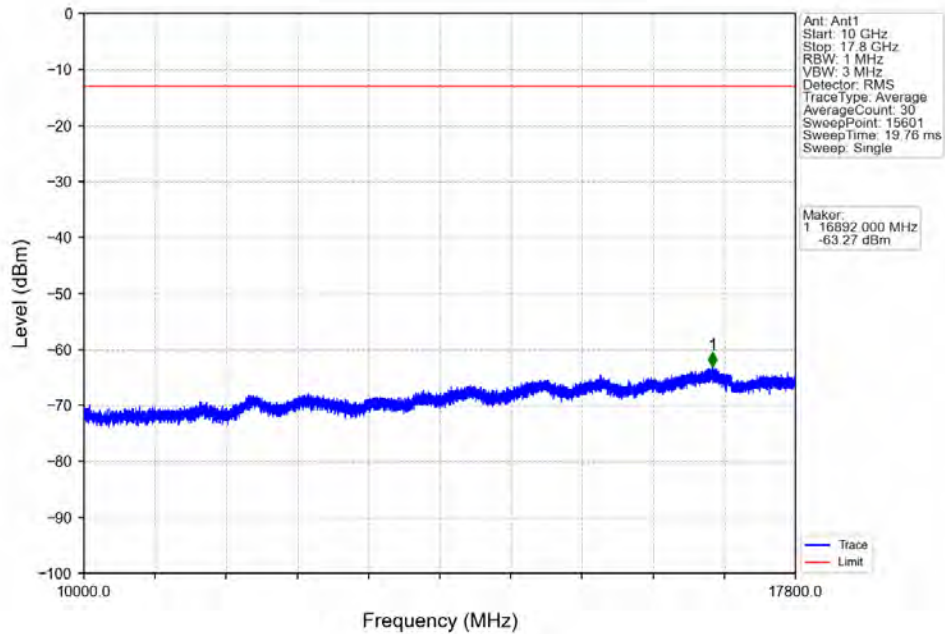
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV



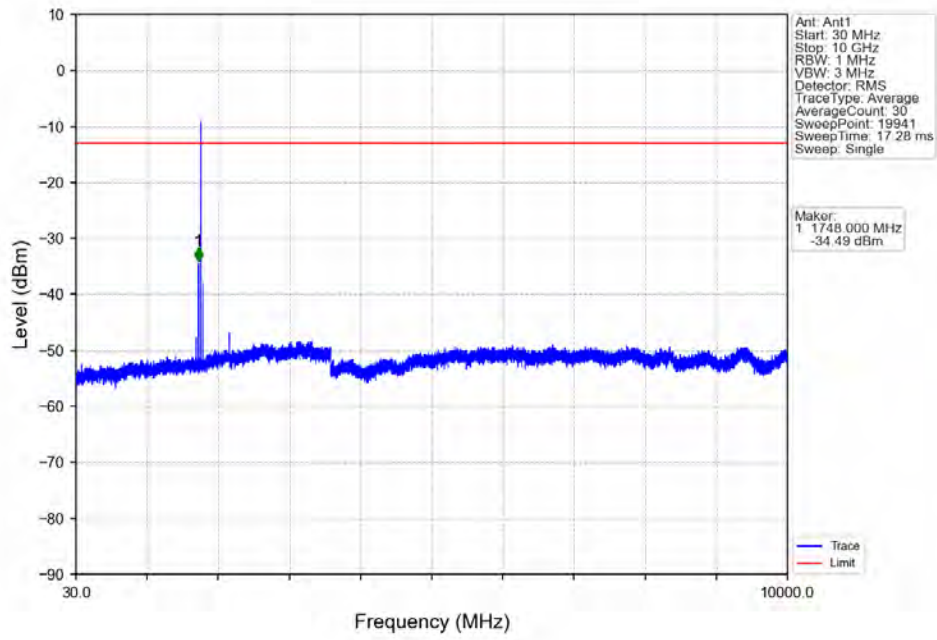
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



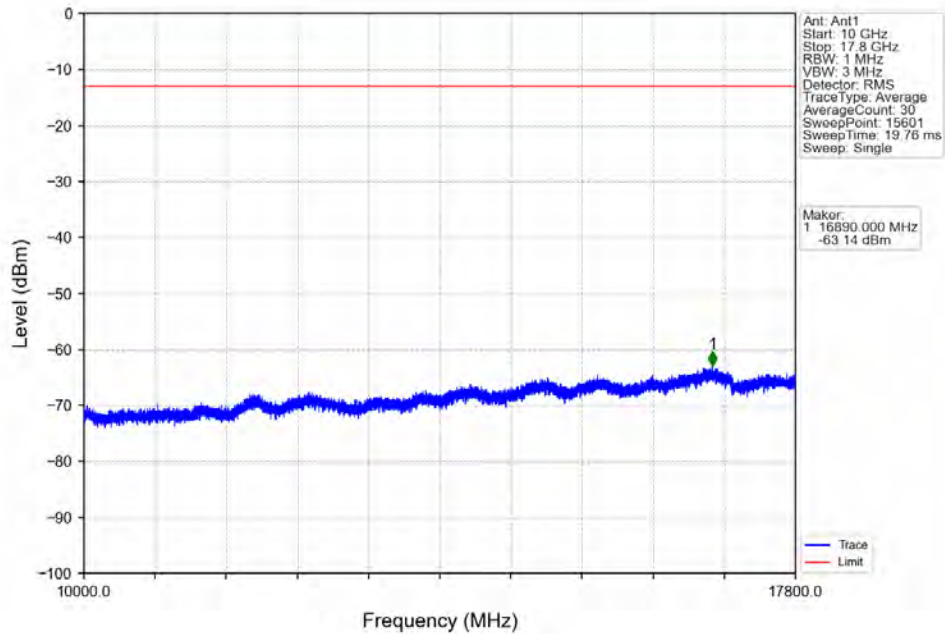
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



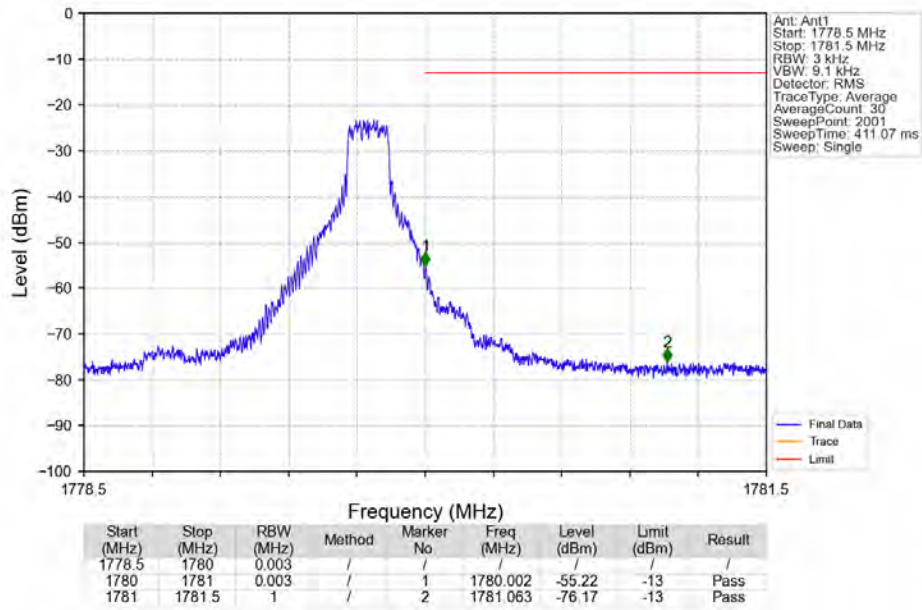
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



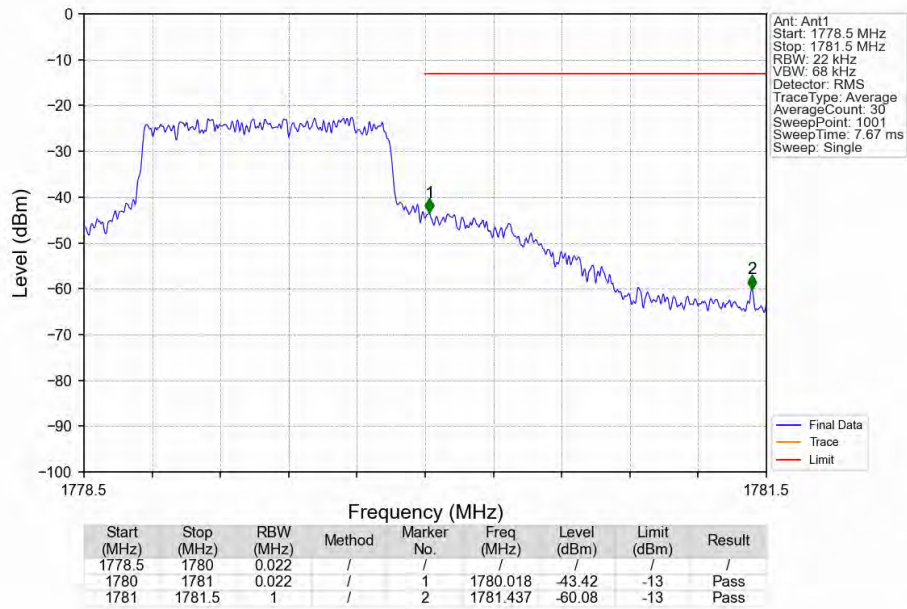
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



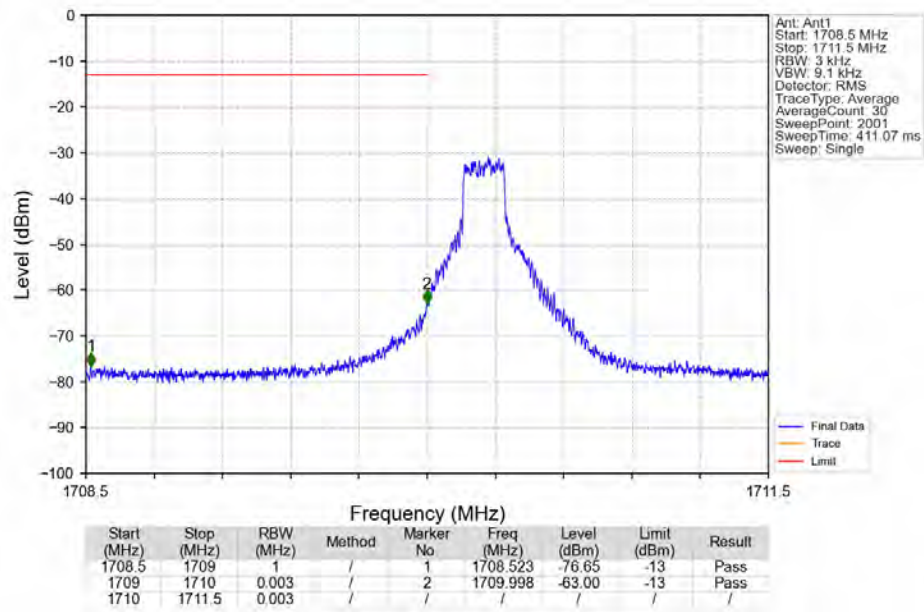
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



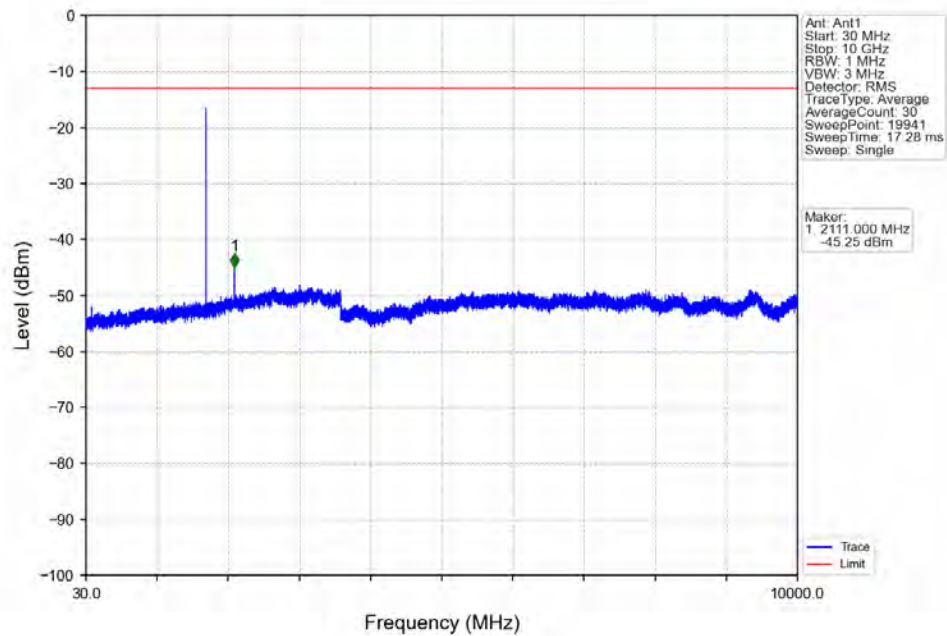
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



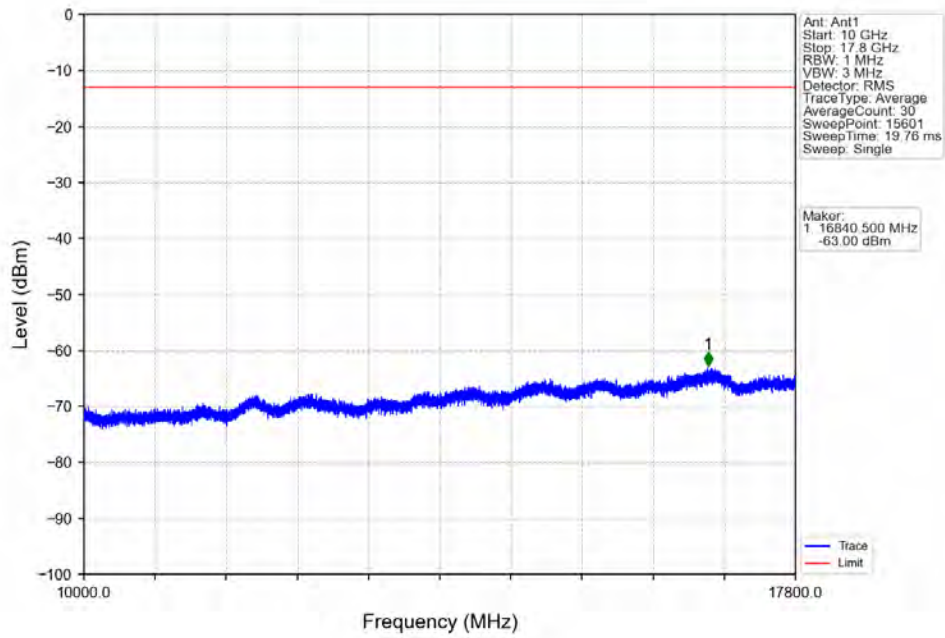
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTN



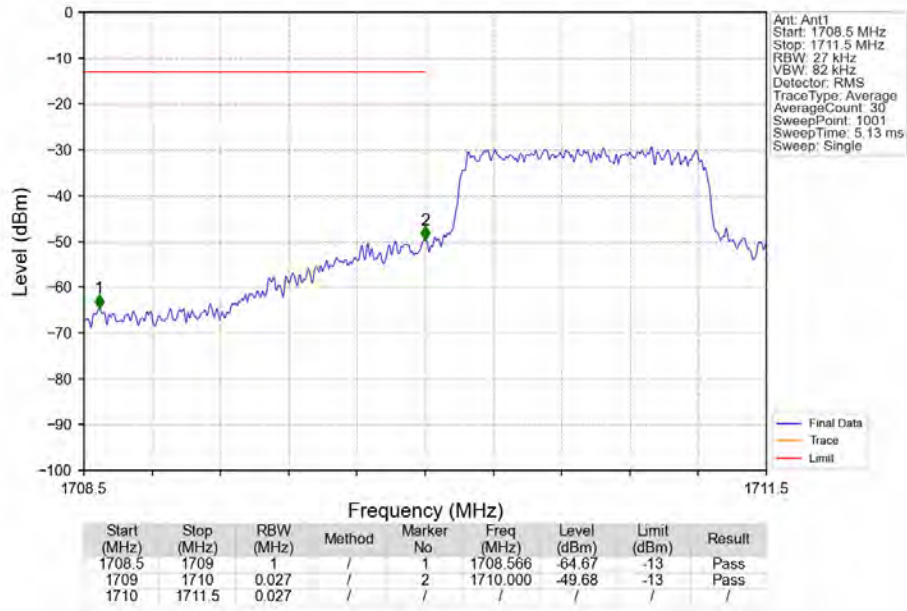
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTN



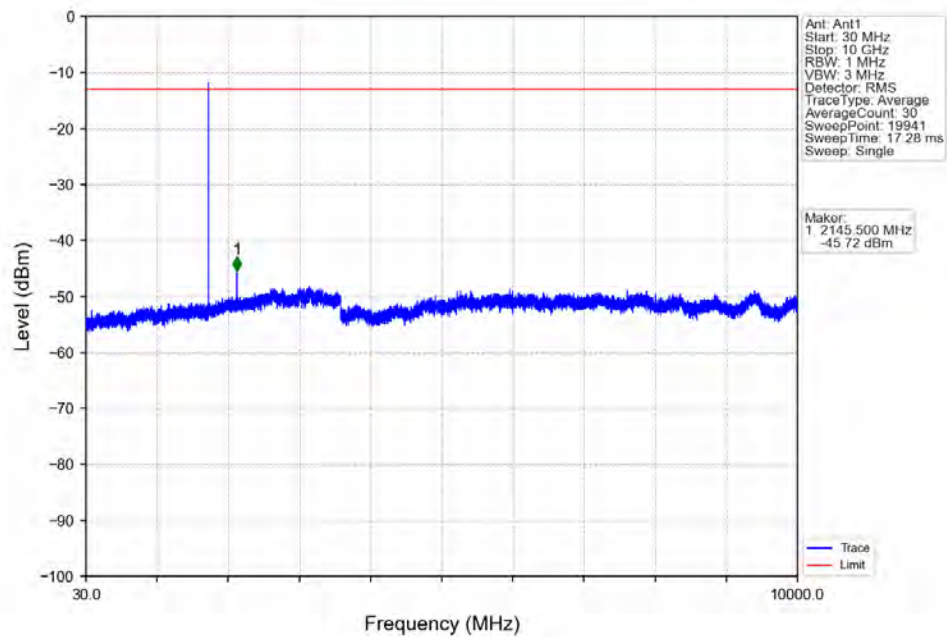
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTN



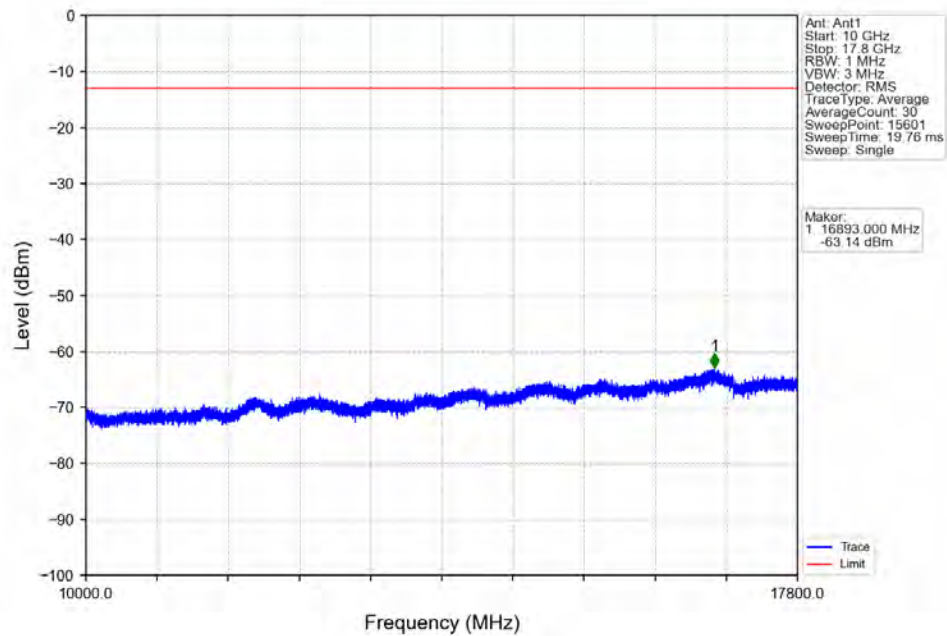
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



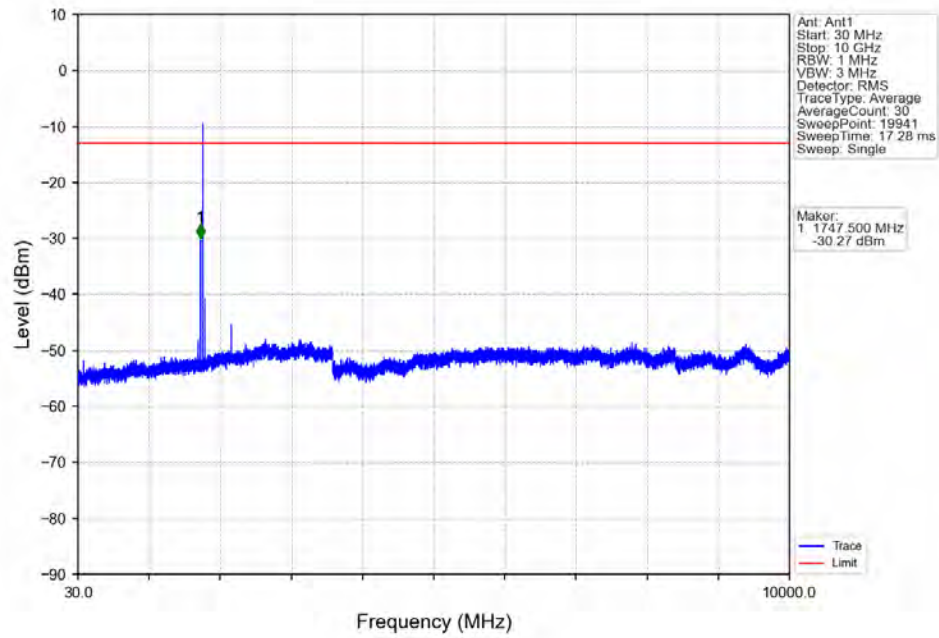
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTNV



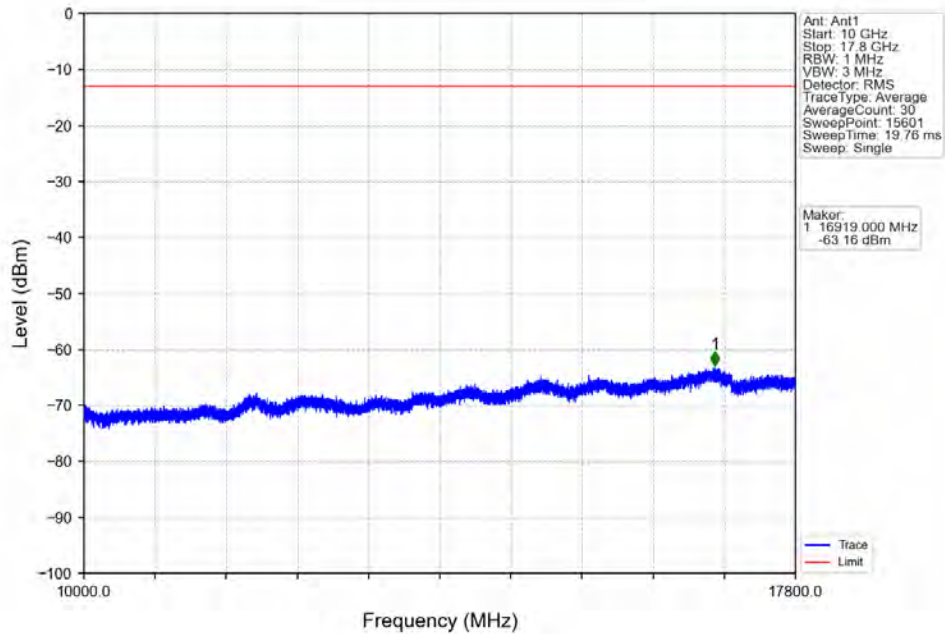
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTNV



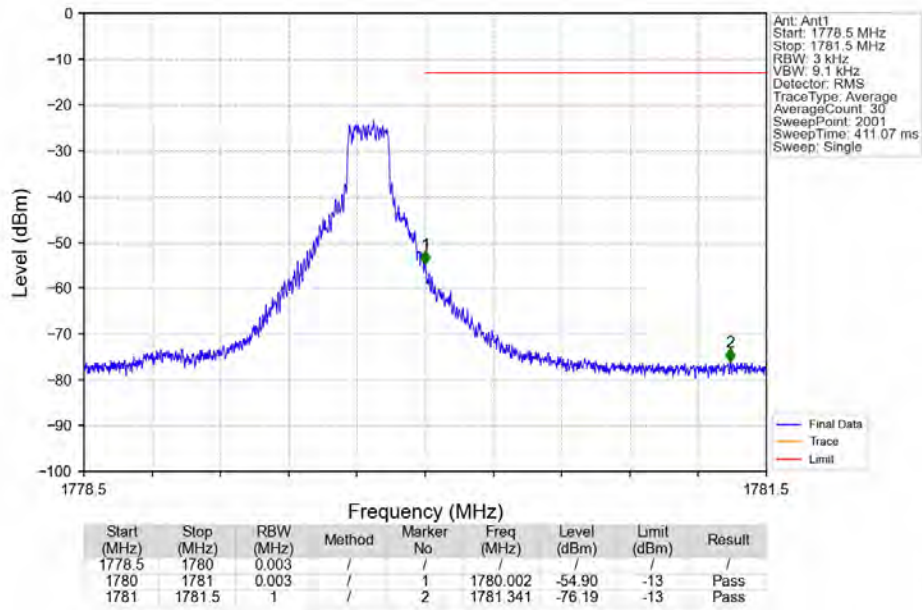
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



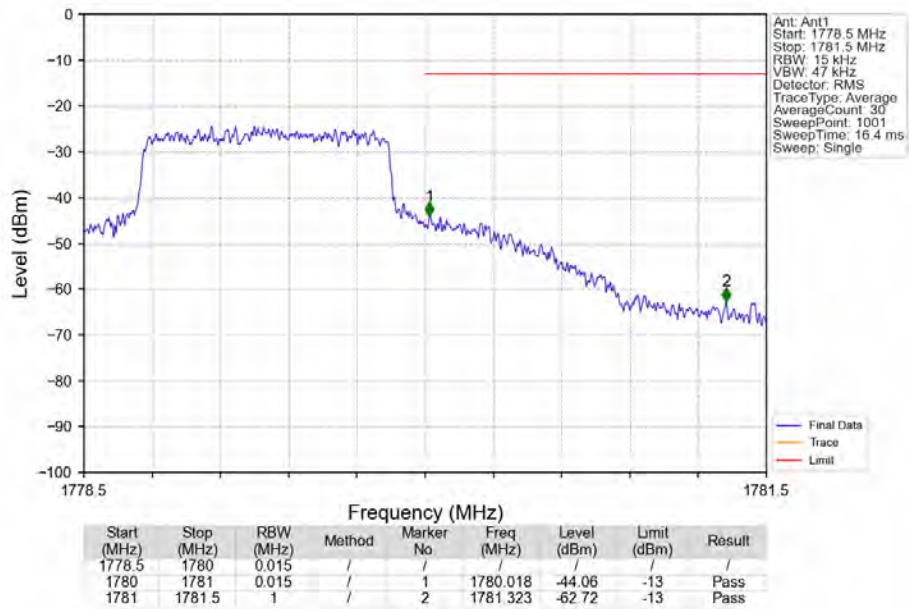
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 5 NTN



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

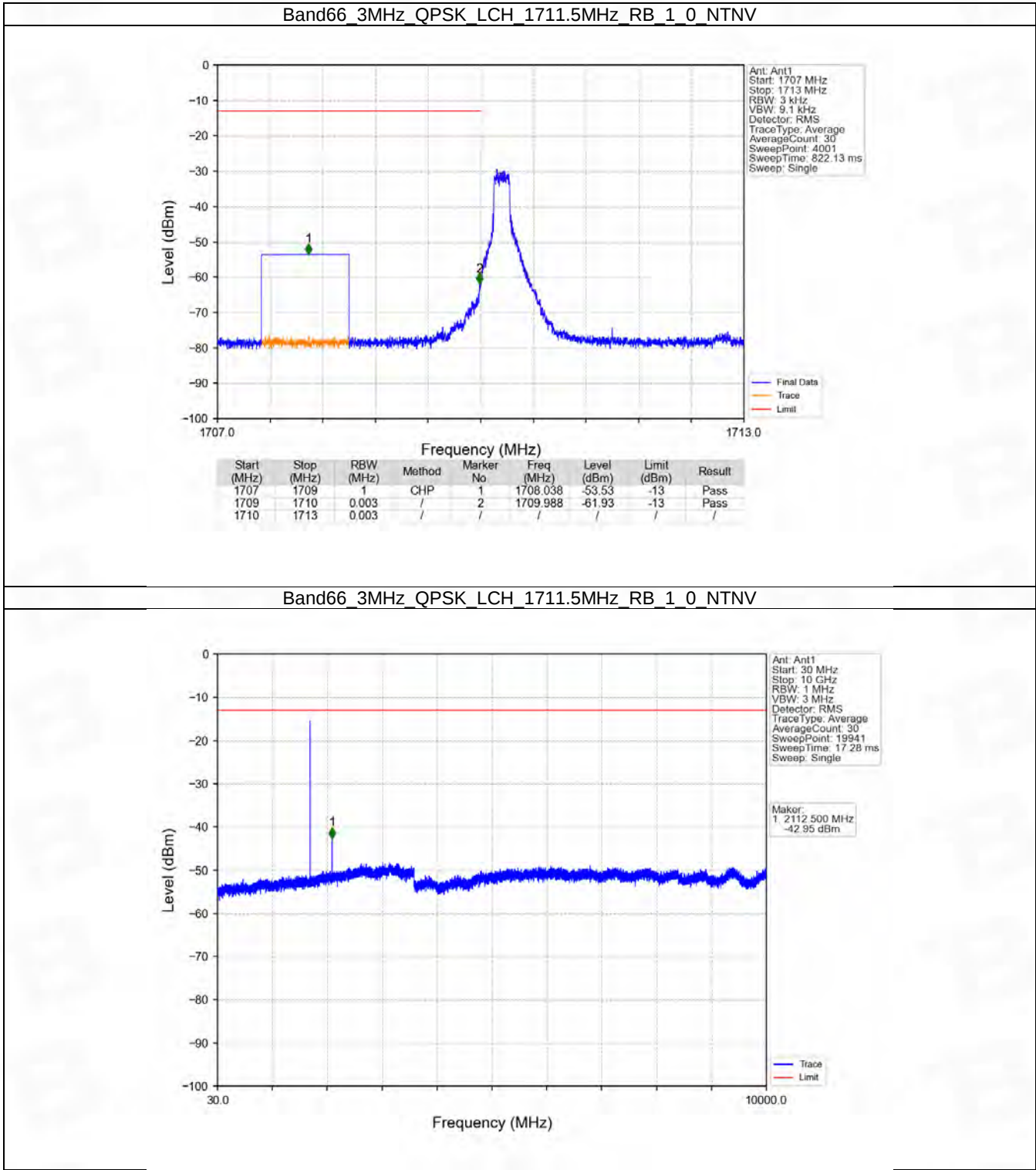


6.2 B66_3MHz

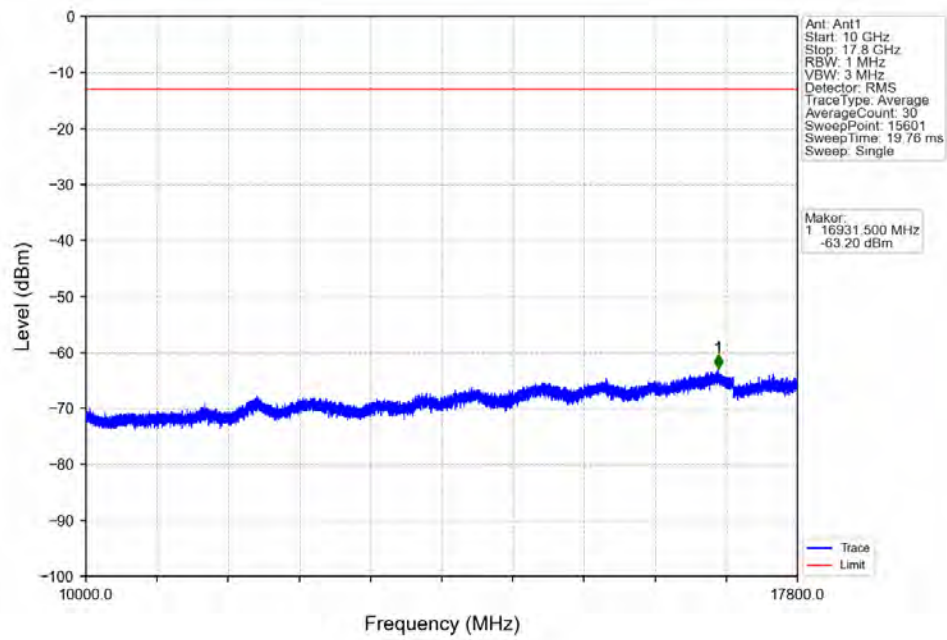
6.2.1 Test Result

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

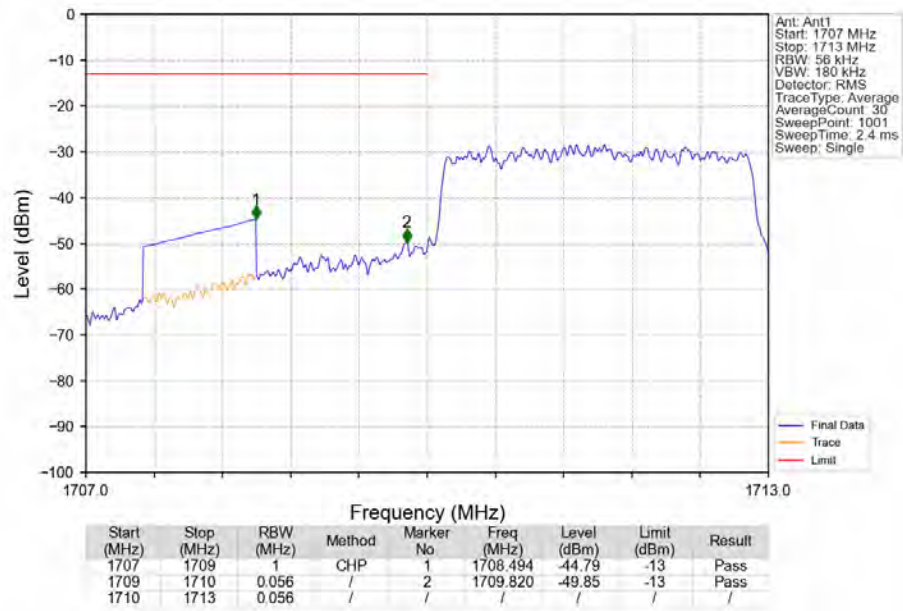
6.2.2 Test Graph



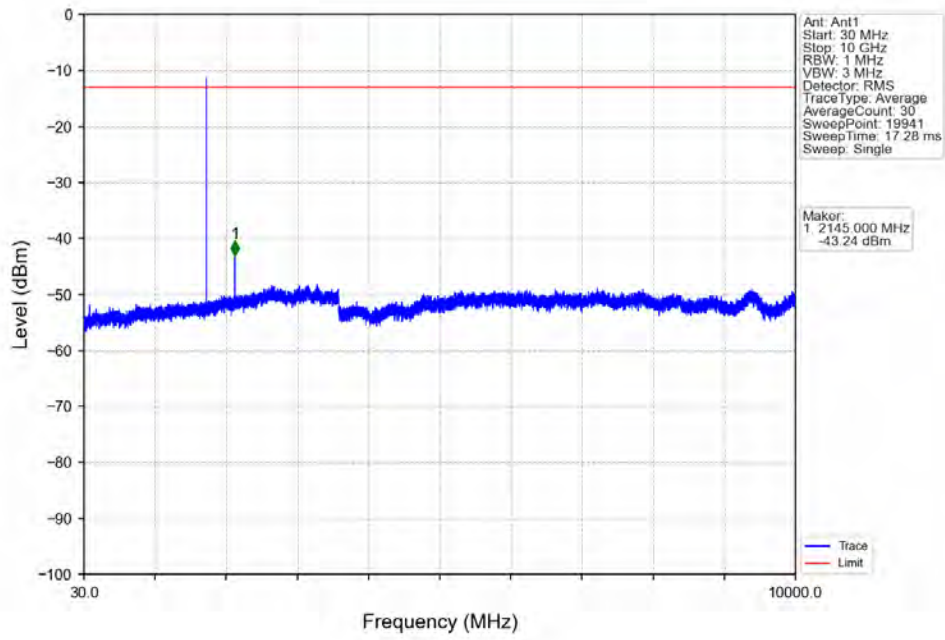
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



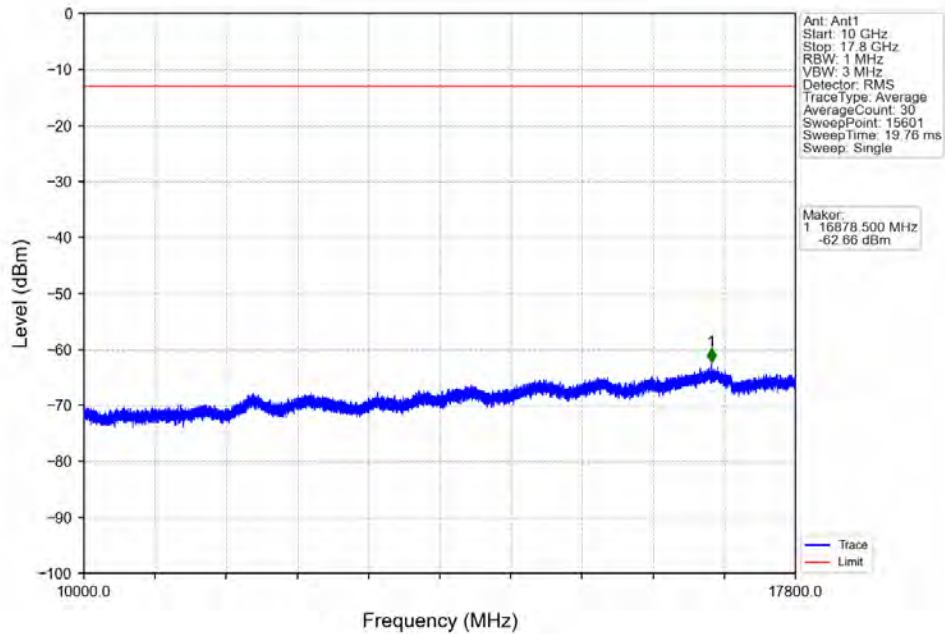
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



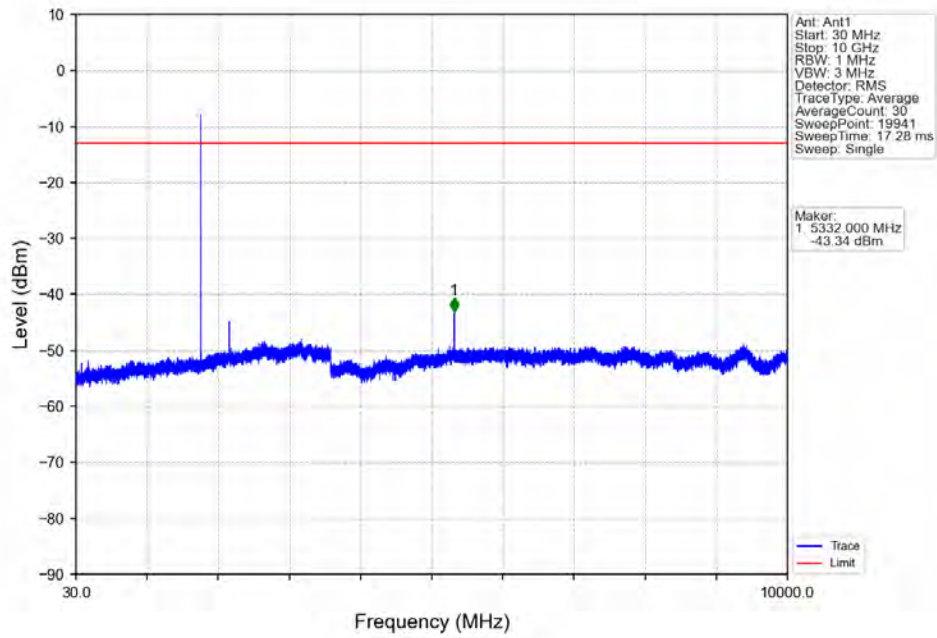
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



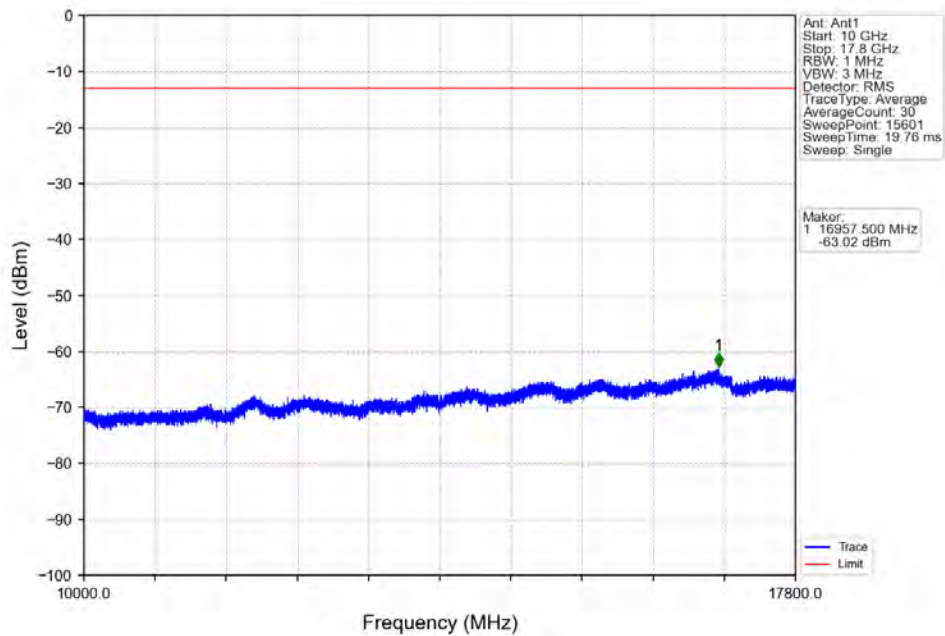
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



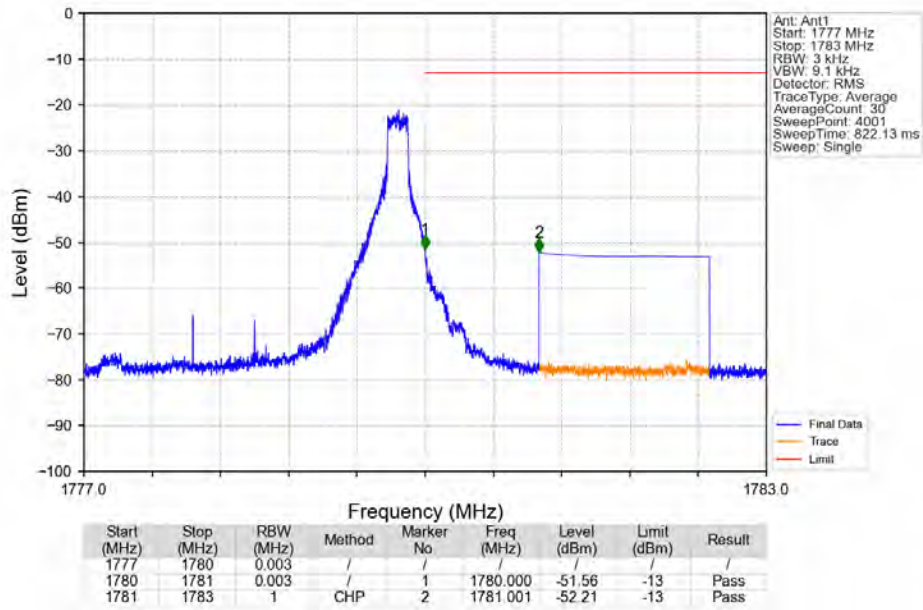
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTNV



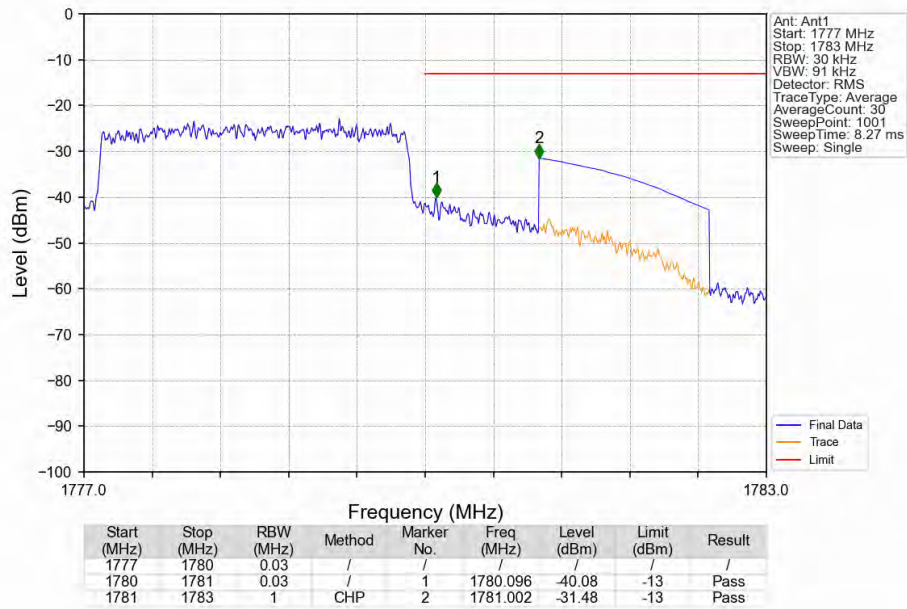
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTNV



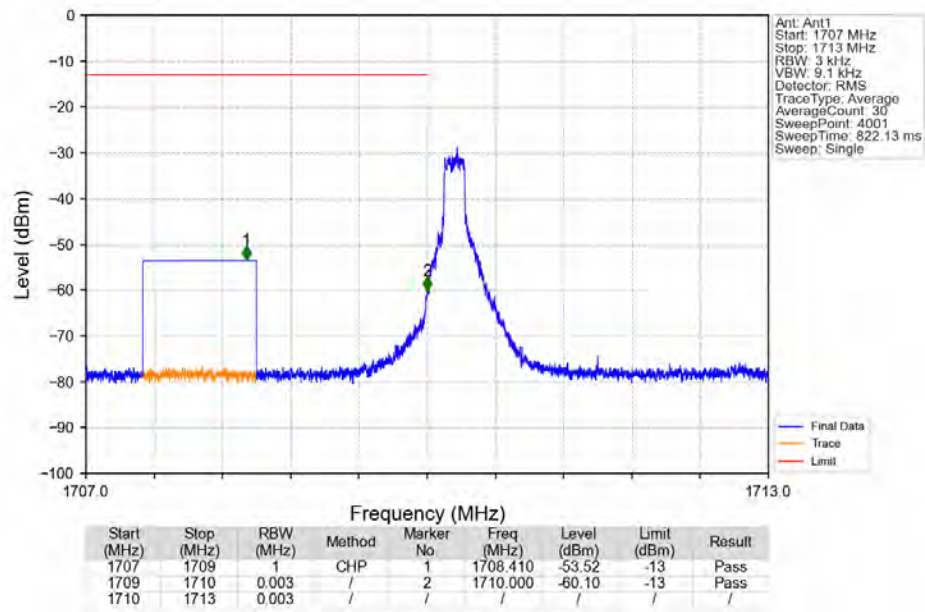
Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTV



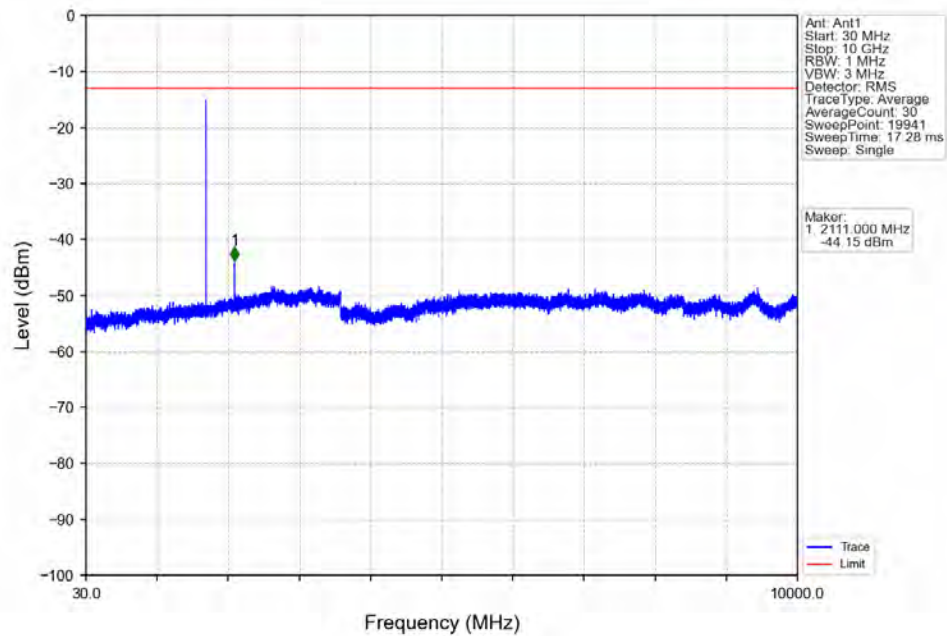
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV



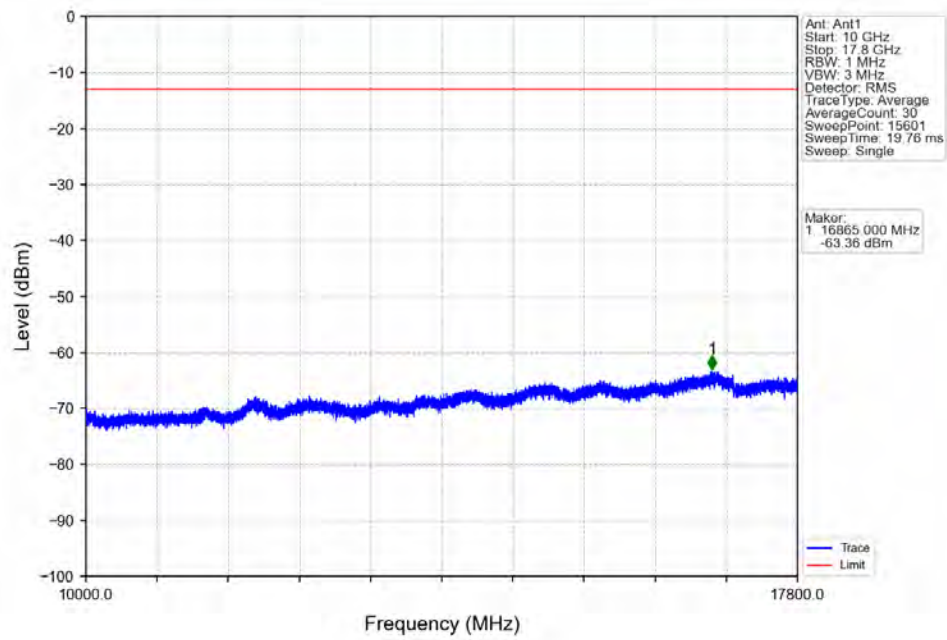
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



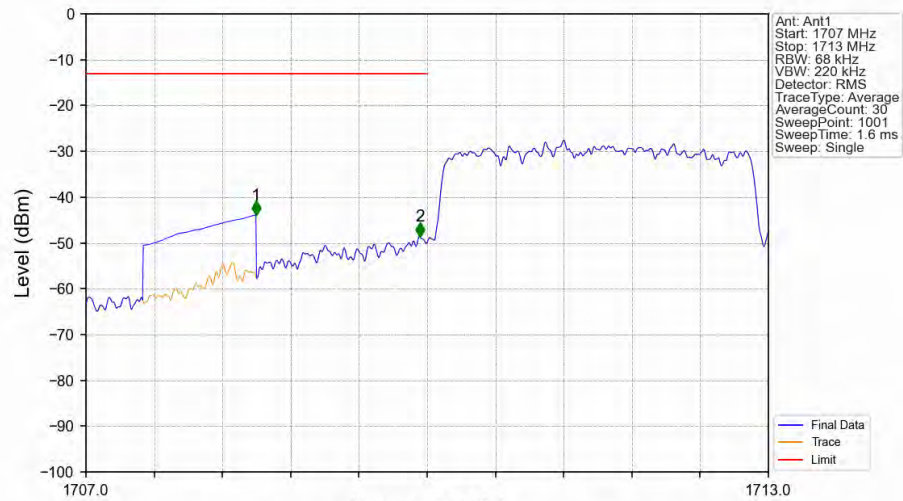
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV

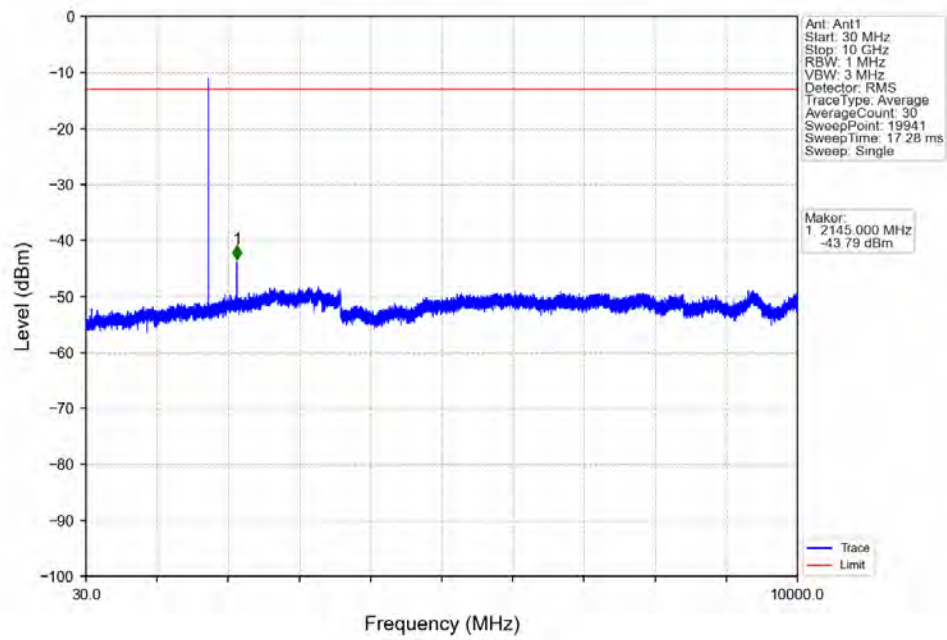


Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV

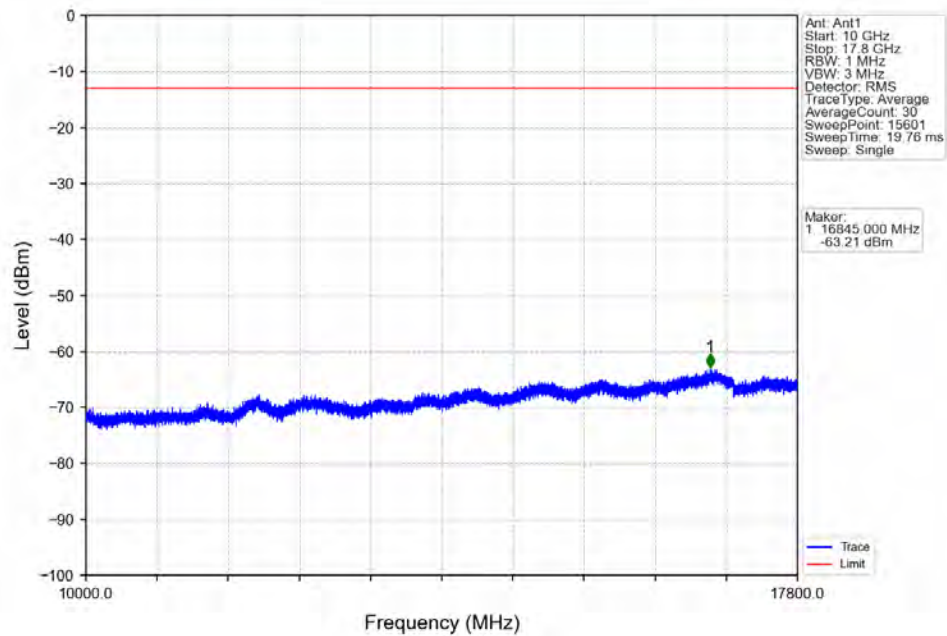


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-43.88	-13	Pass
1709	1710	0.068	/	2	1709.934	-48.61	-13	Pass
1710	1713	0.068	/	/	/	/	/	/

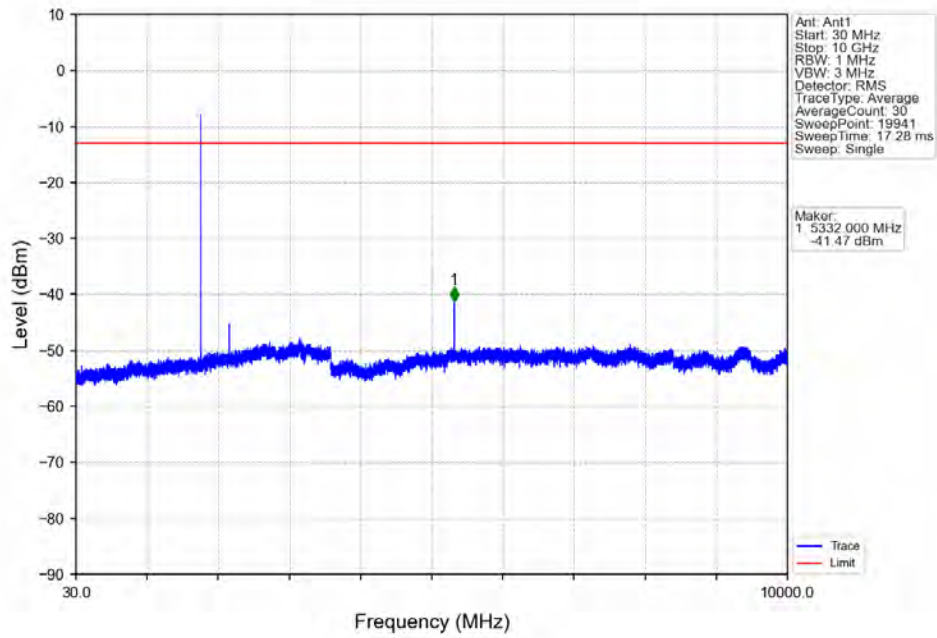
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



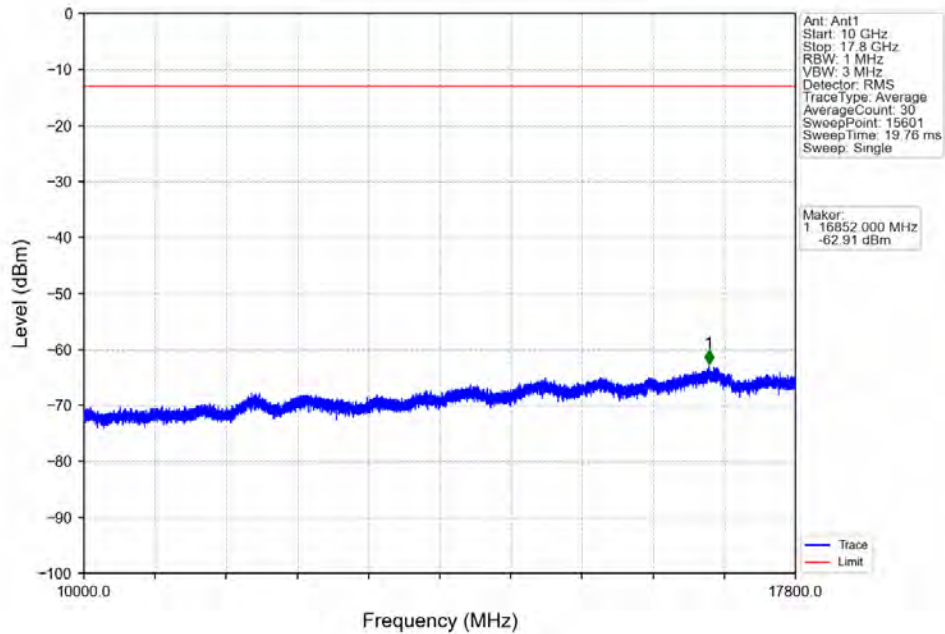
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



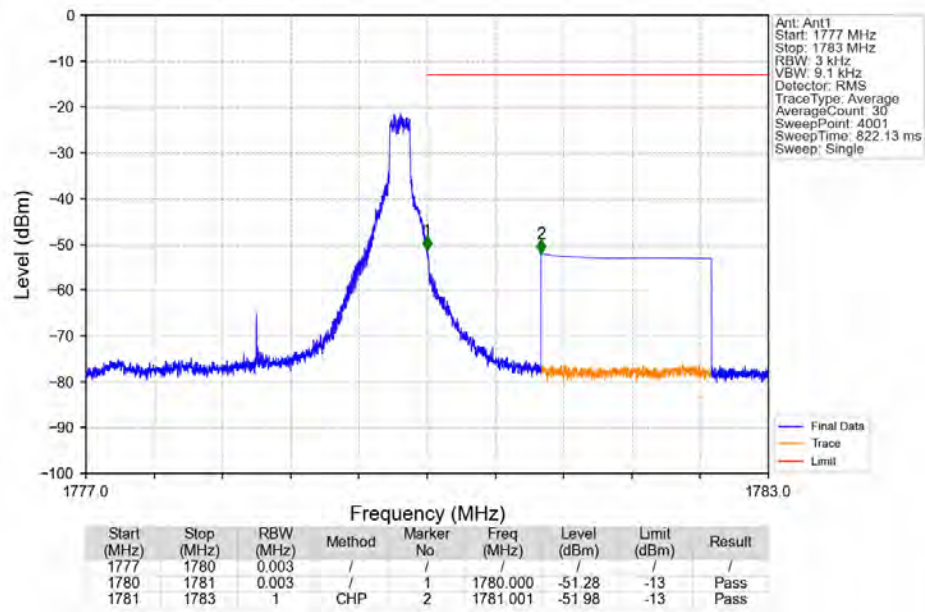
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTV



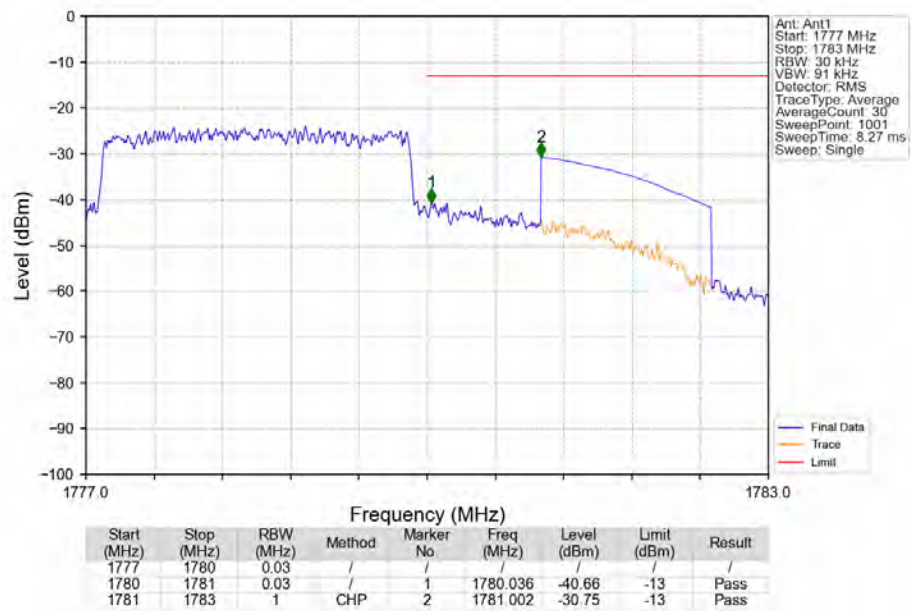
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz 16QAM HCH 1778.5MHz RB 1 14 NTN



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

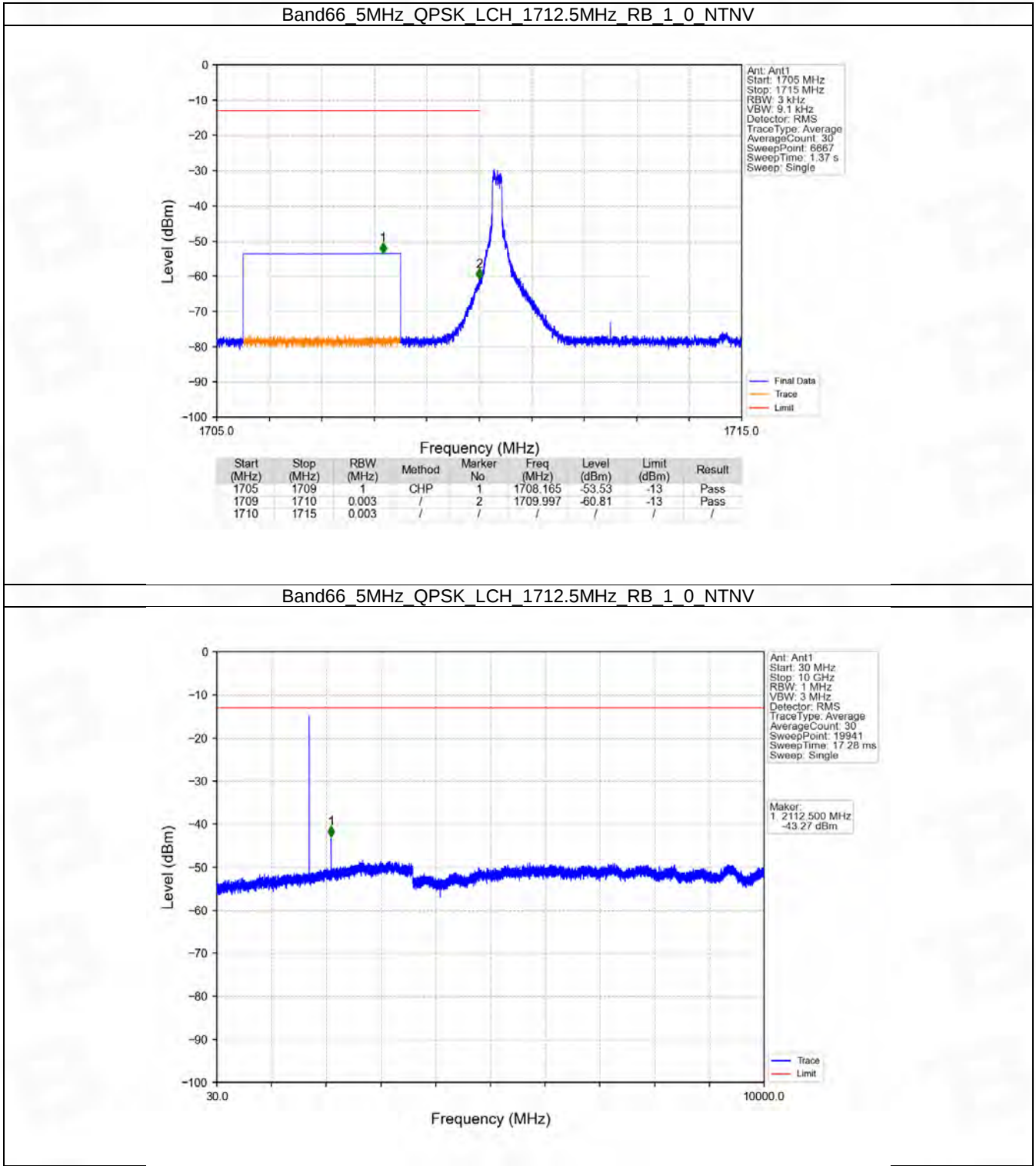


6.3 B66_5MHz

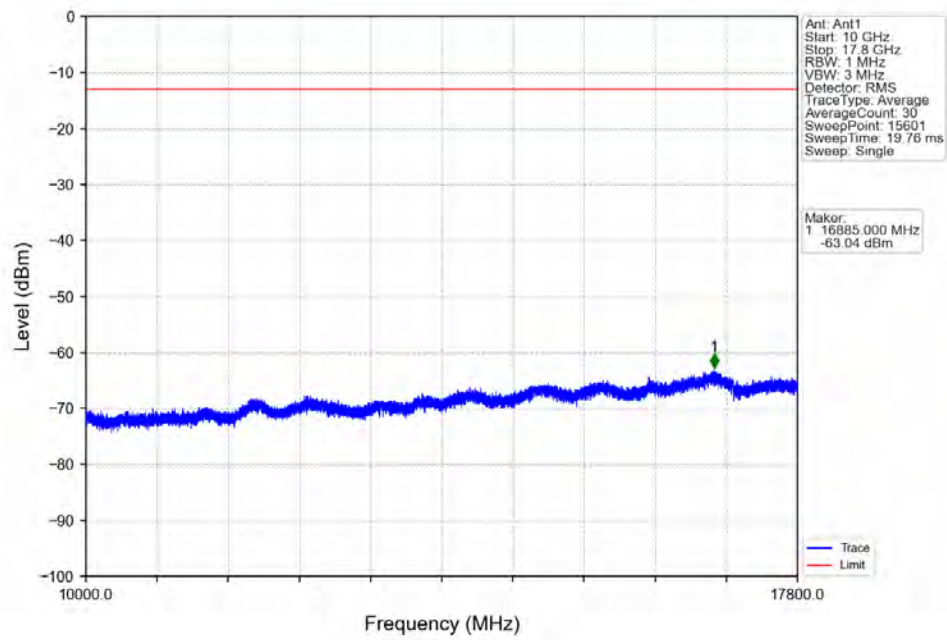
6.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

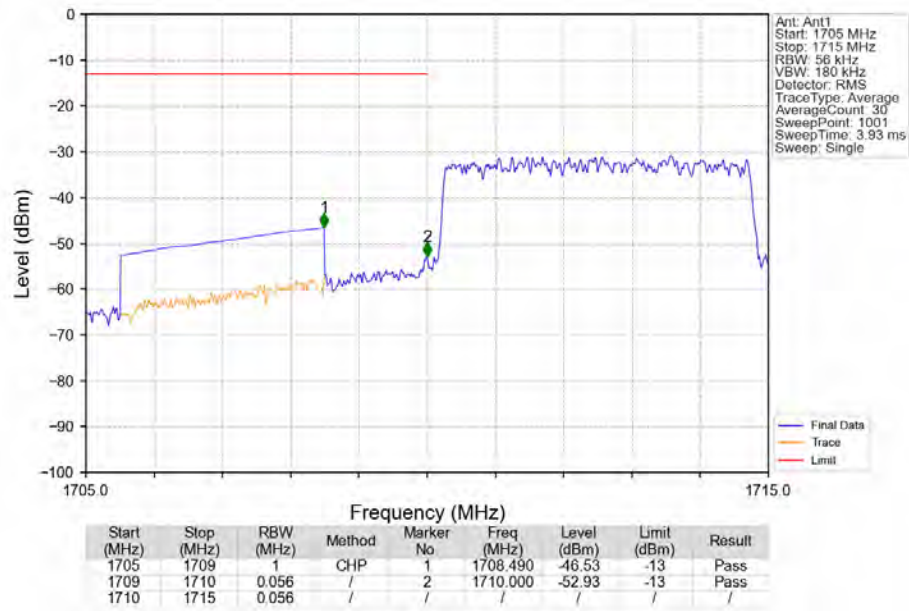
6.3.2 Test Graph



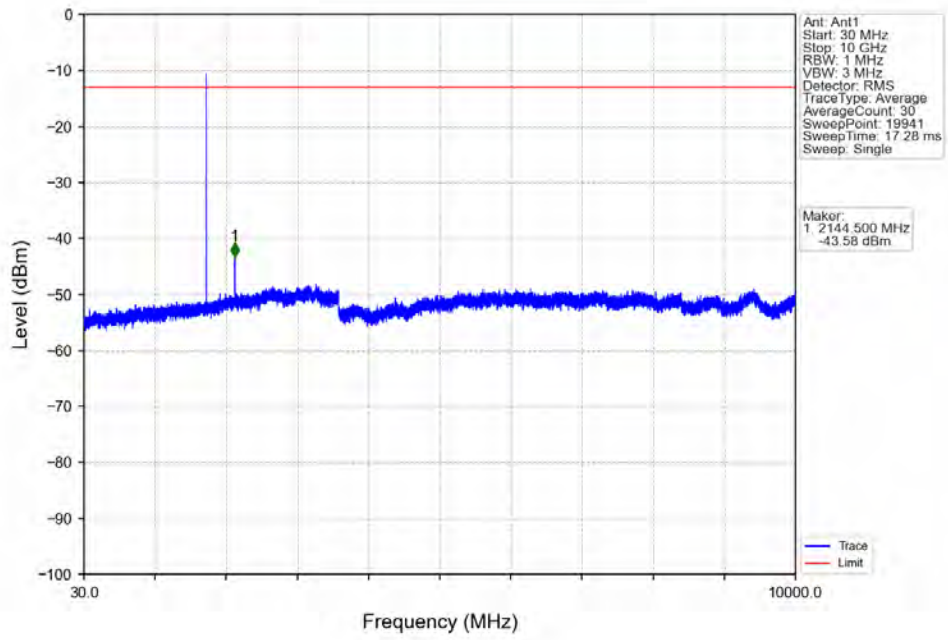
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



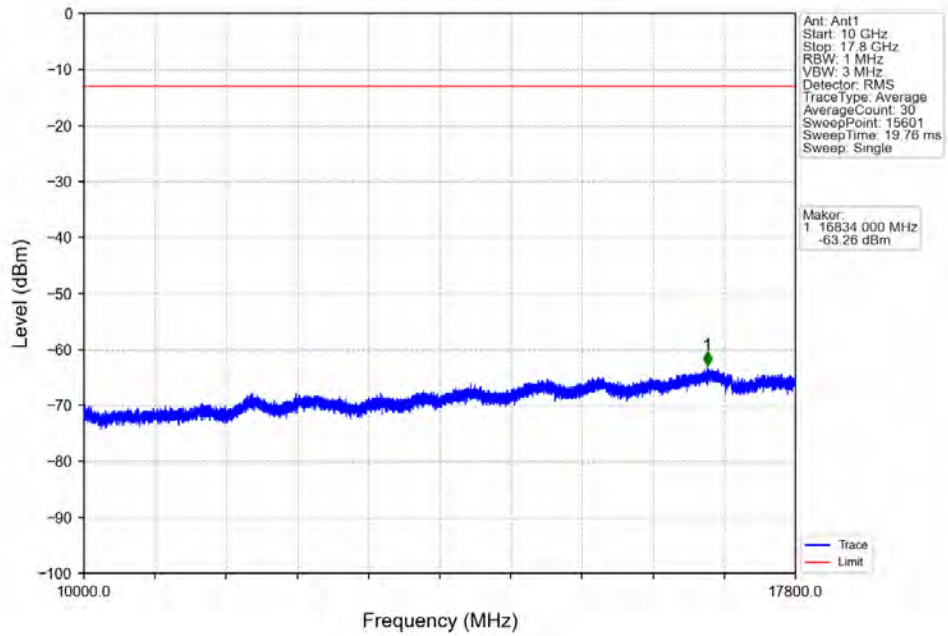
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



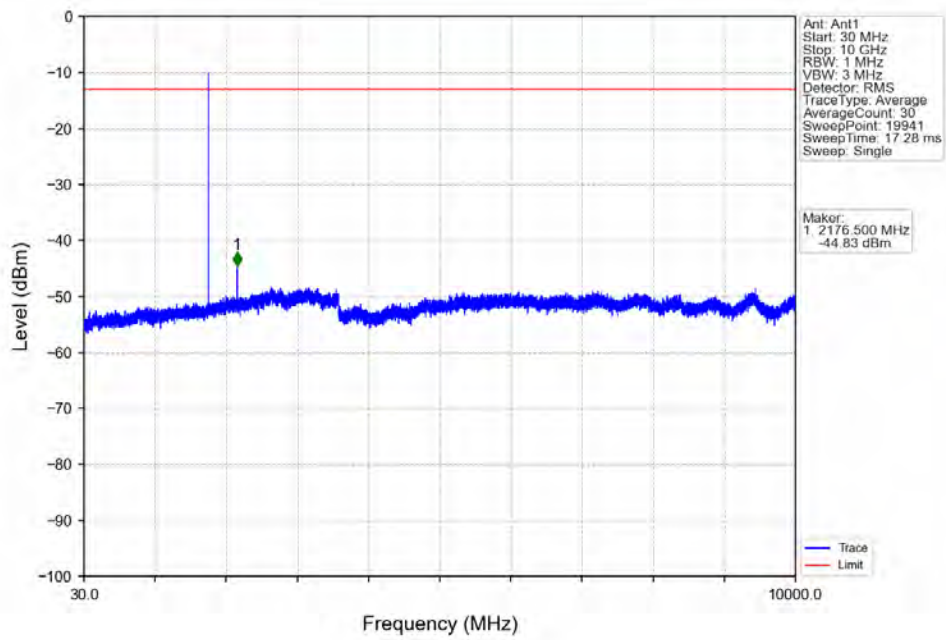
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



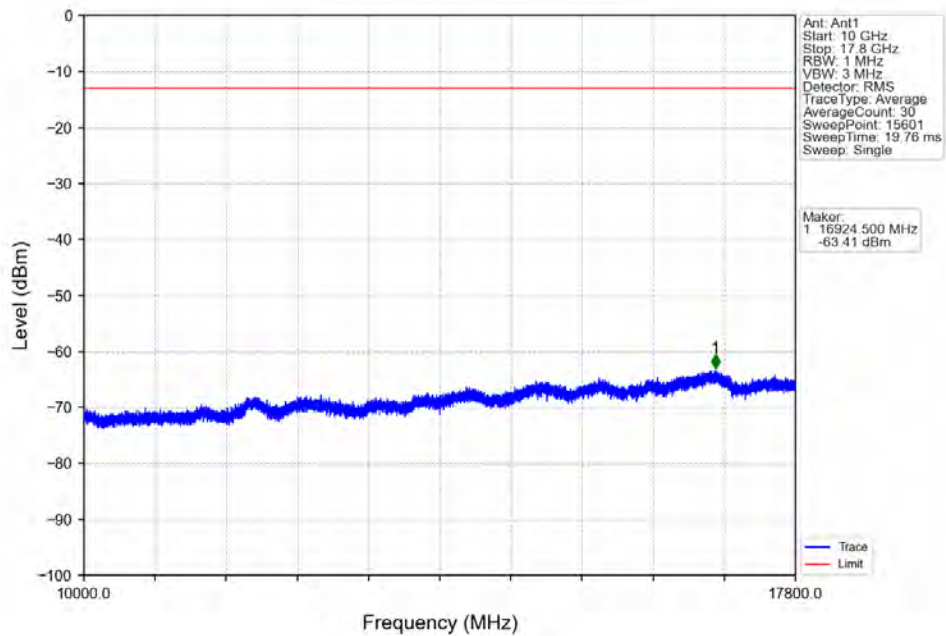
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



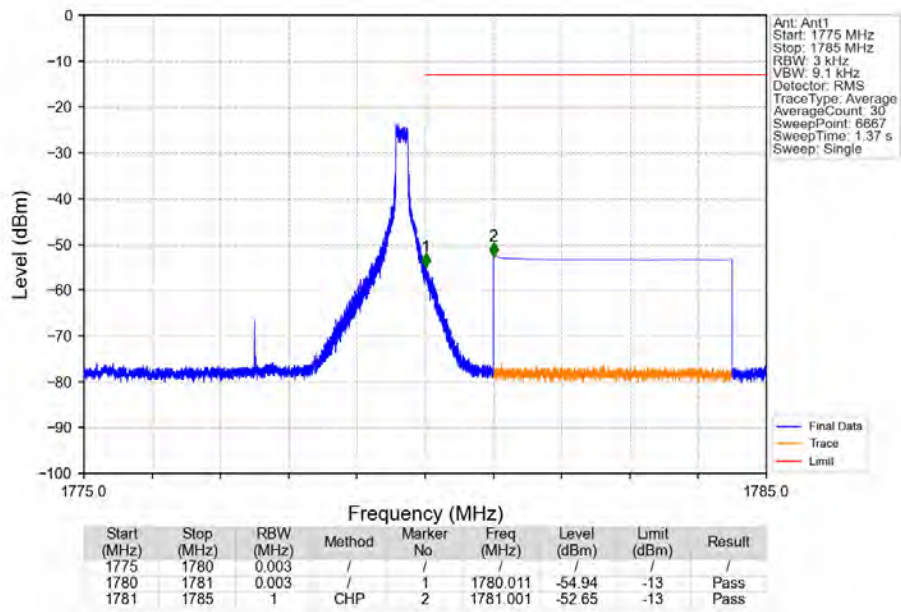
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



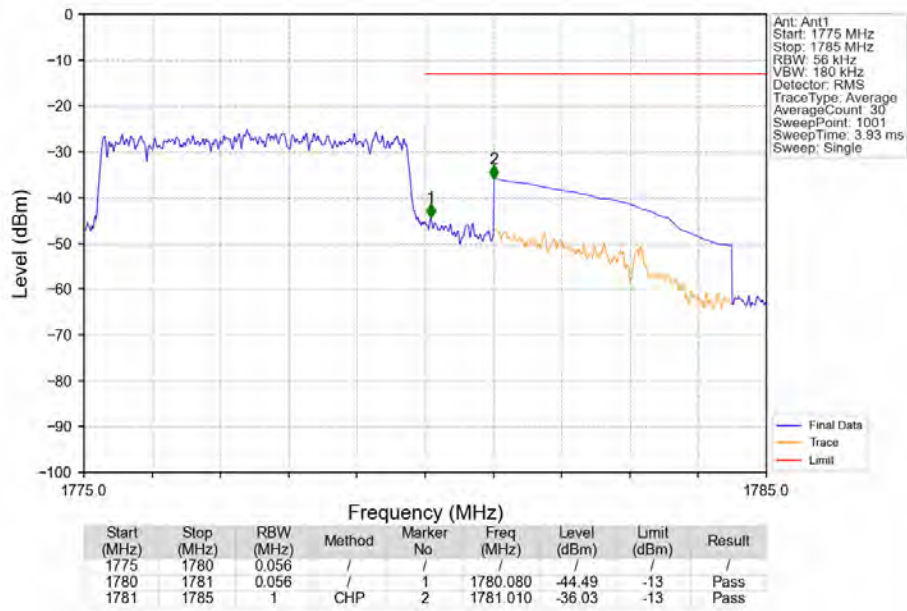
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



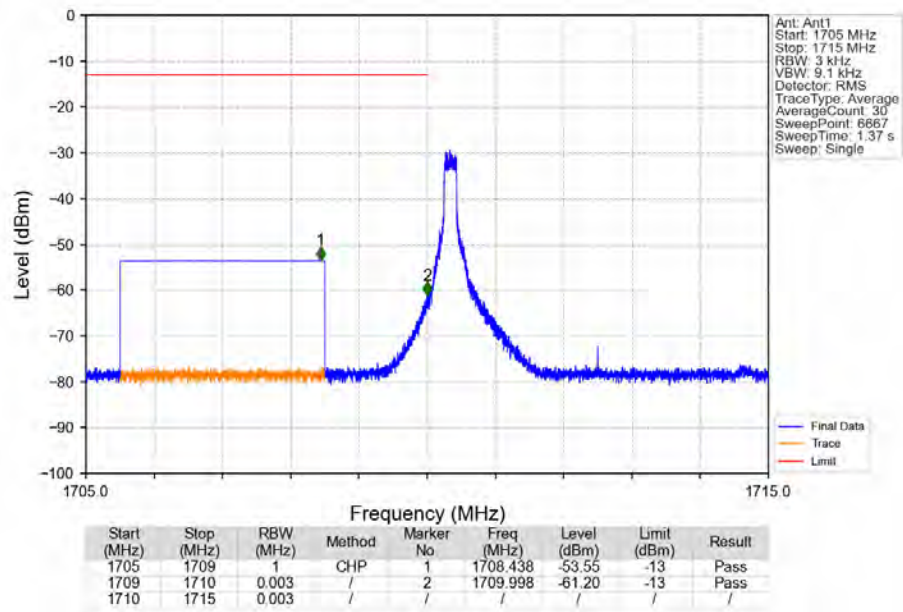
Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



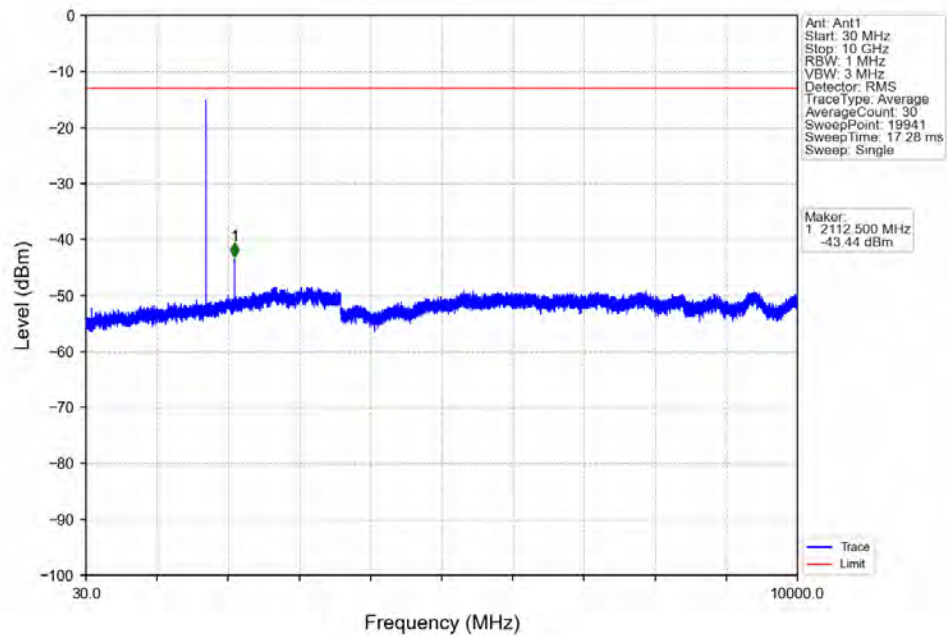
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV



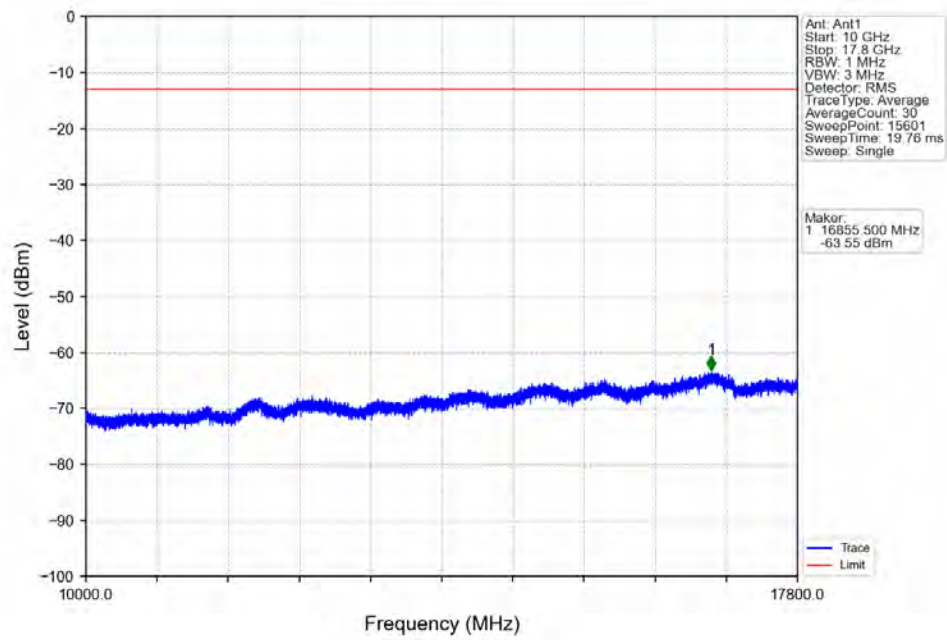
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



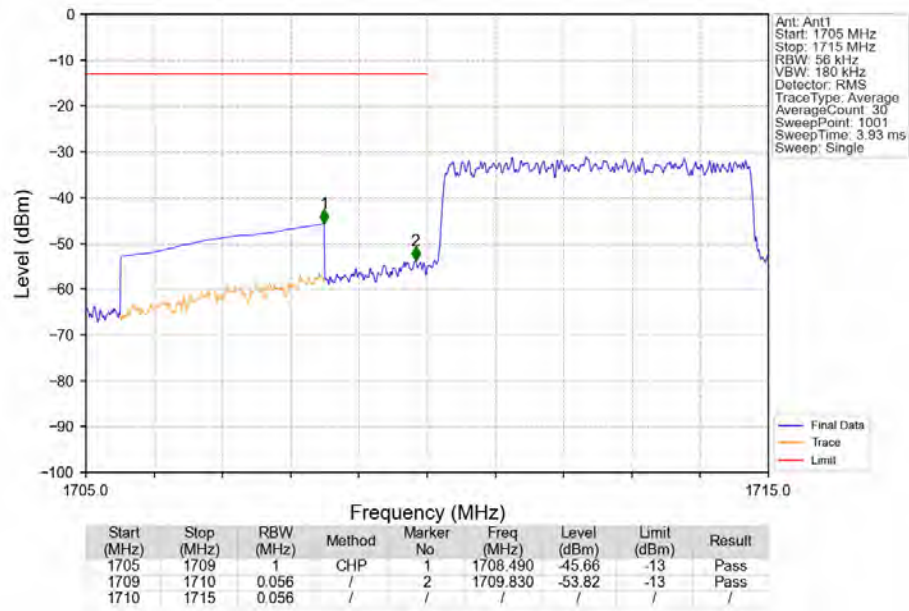
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



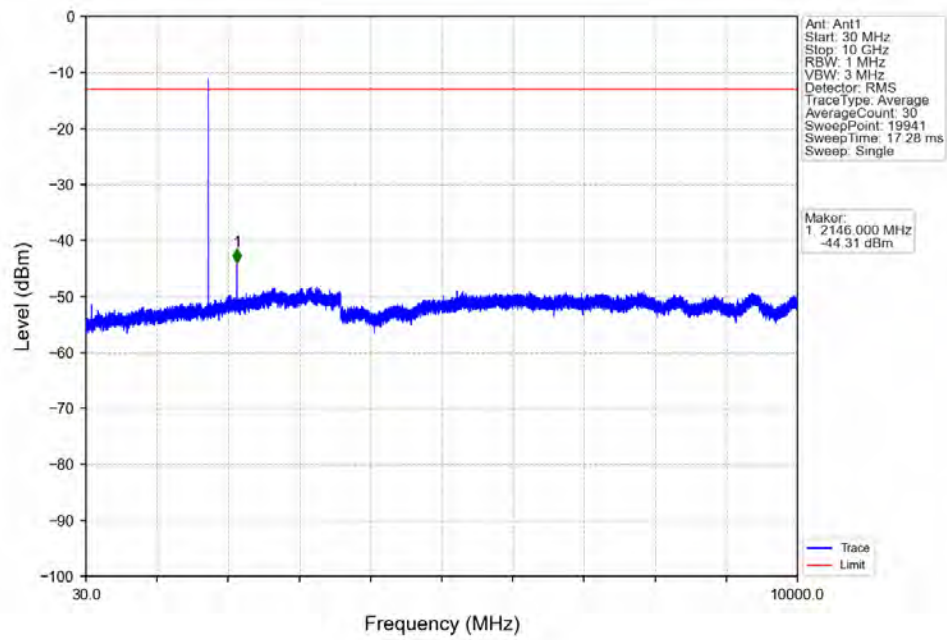
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



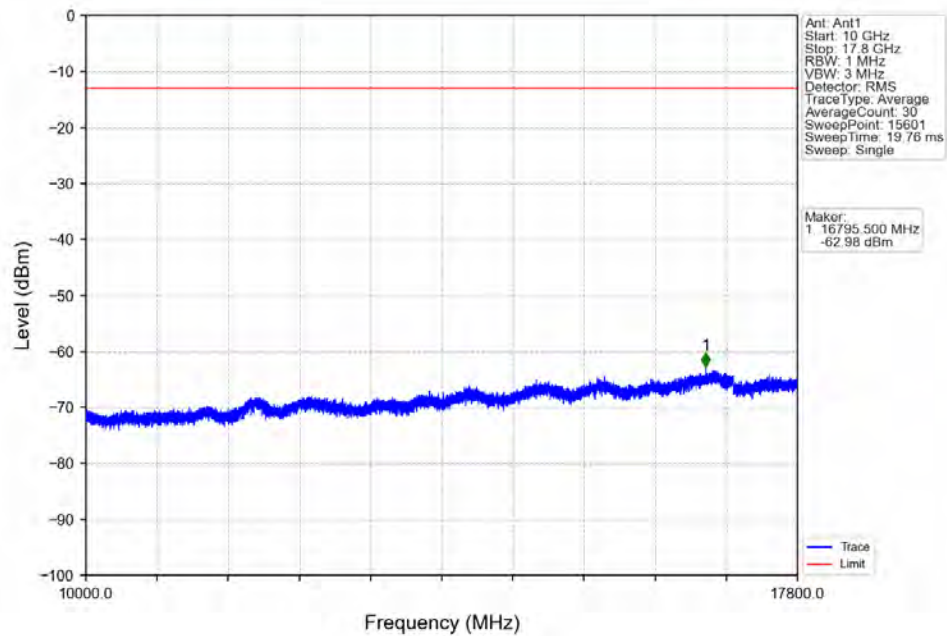
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



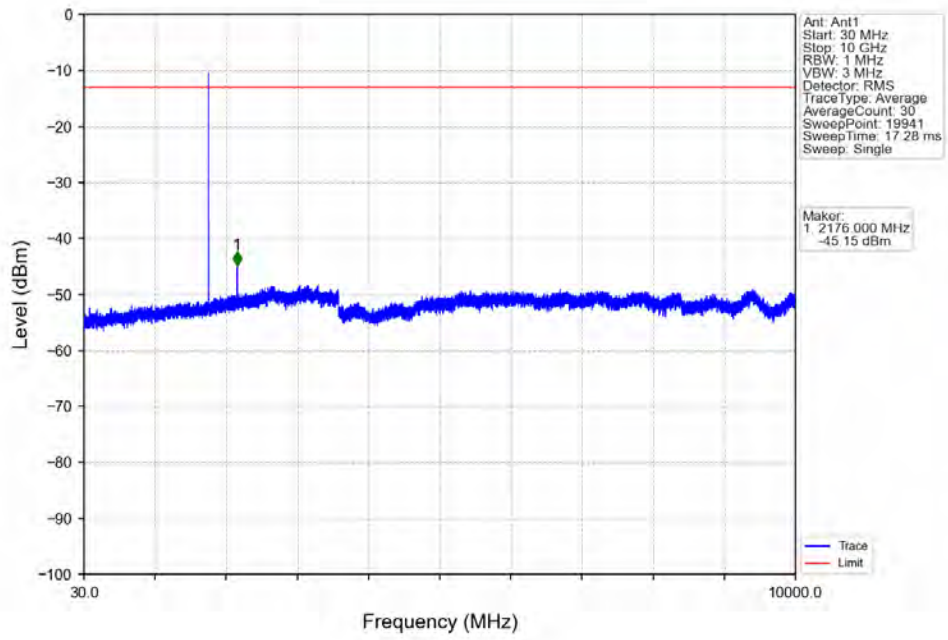
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



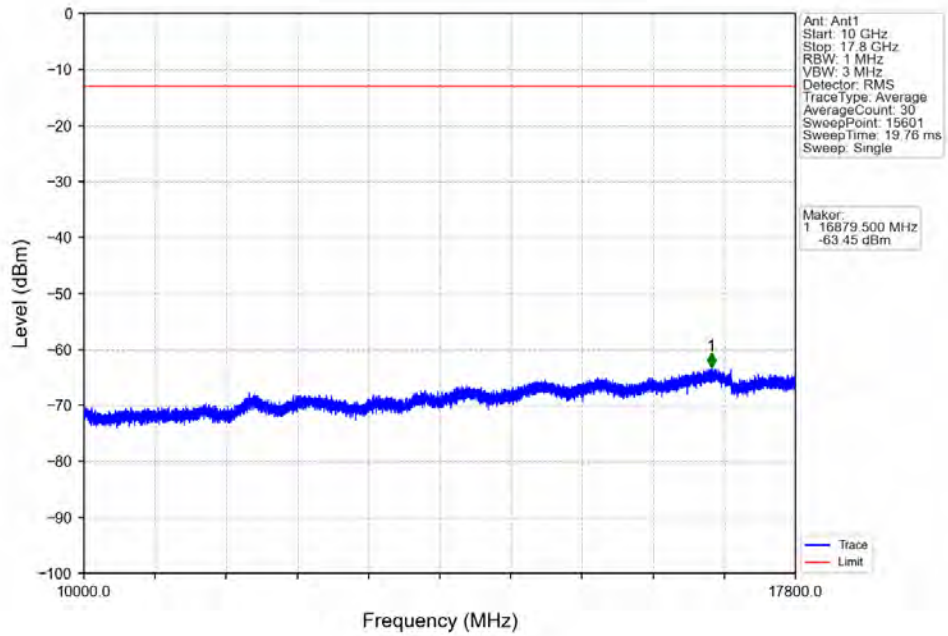
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



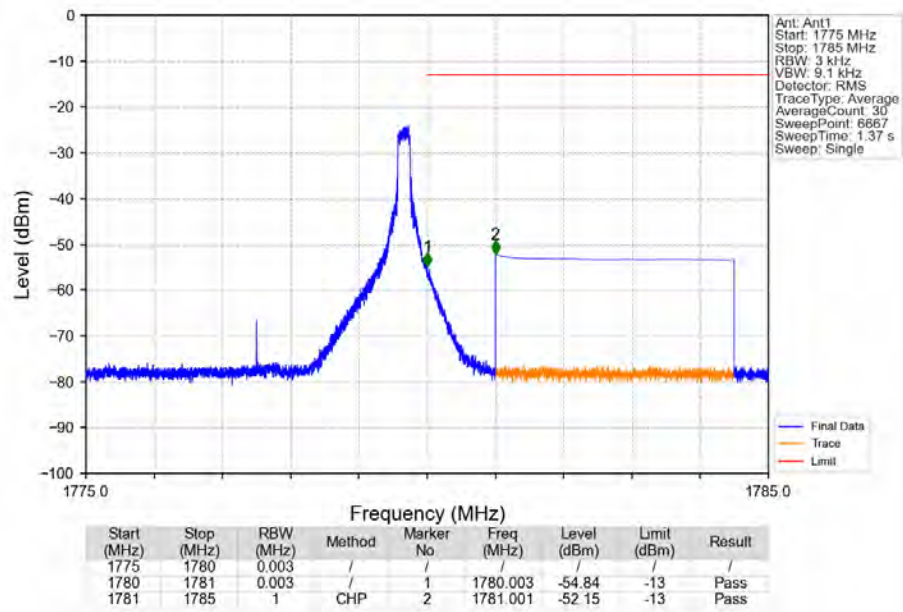
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



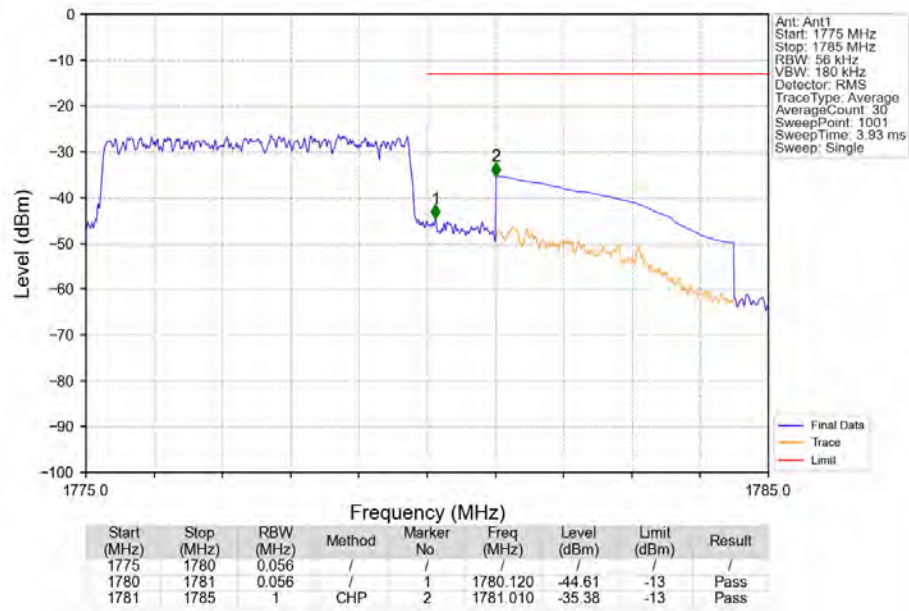
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



Band66 5MHz 16QAM HCH 1777.5MHz RB 1 24 NTN



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

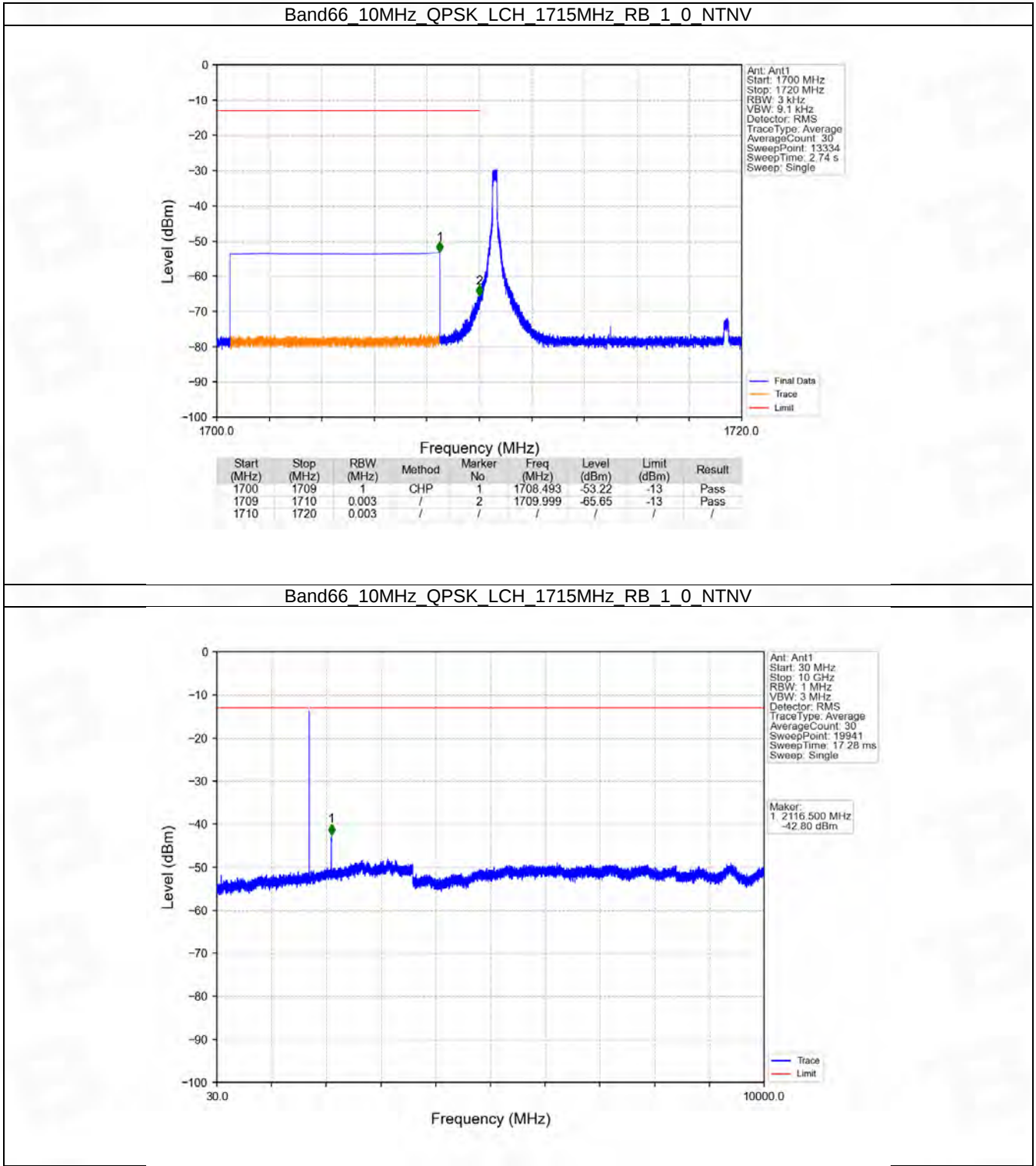


6.4 B66_10MHz

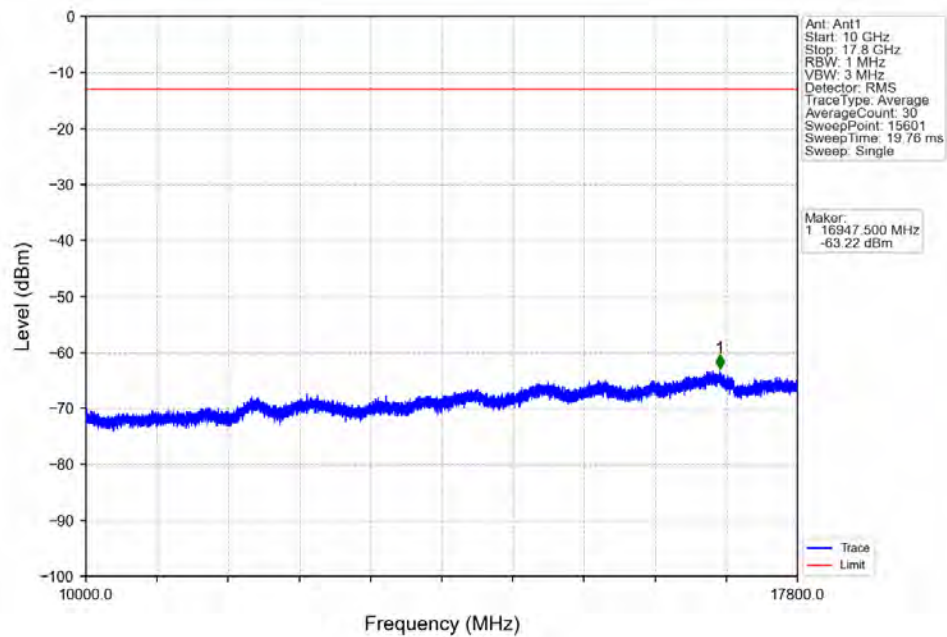
6.4.1 Test Result

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

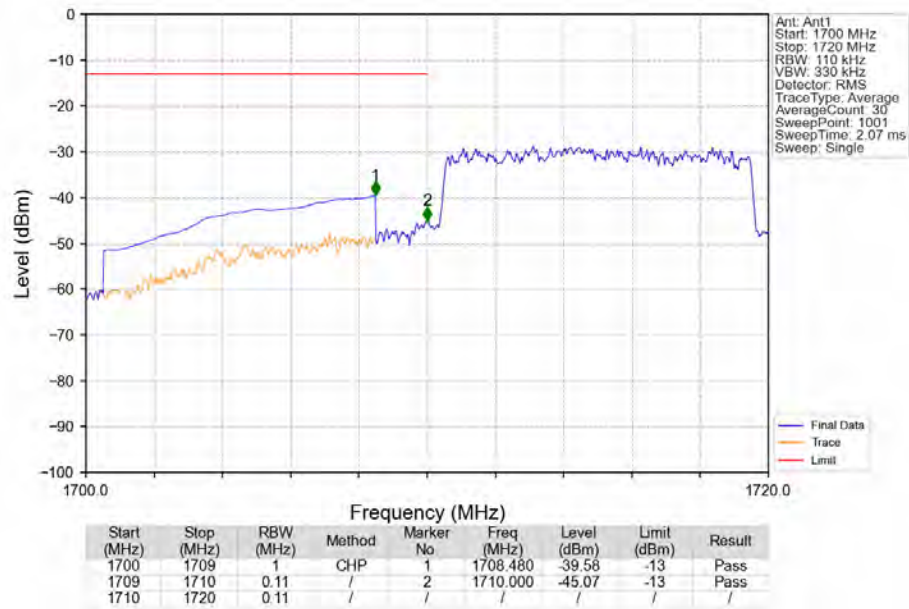
6.4.2 Test Graph



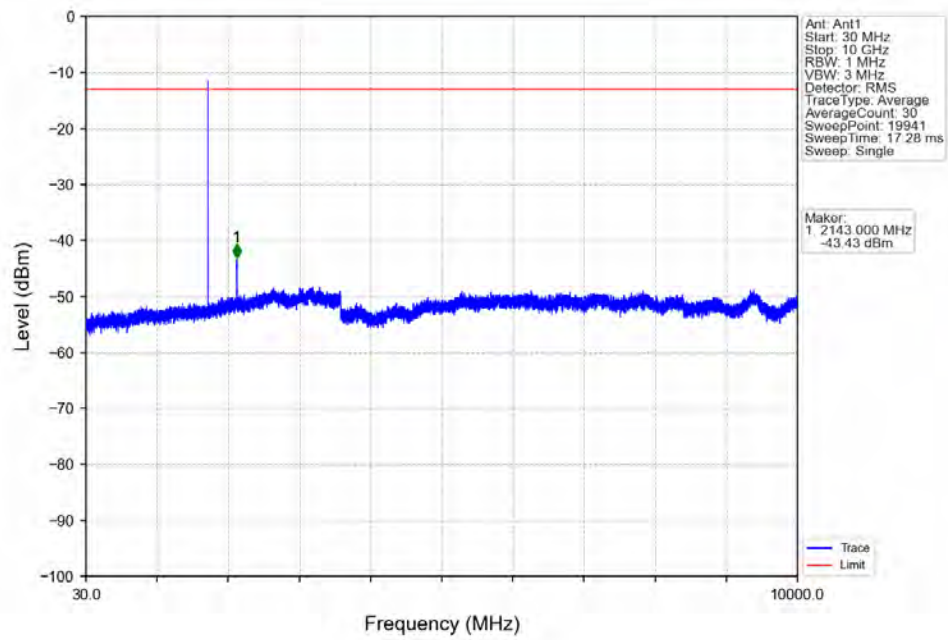
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



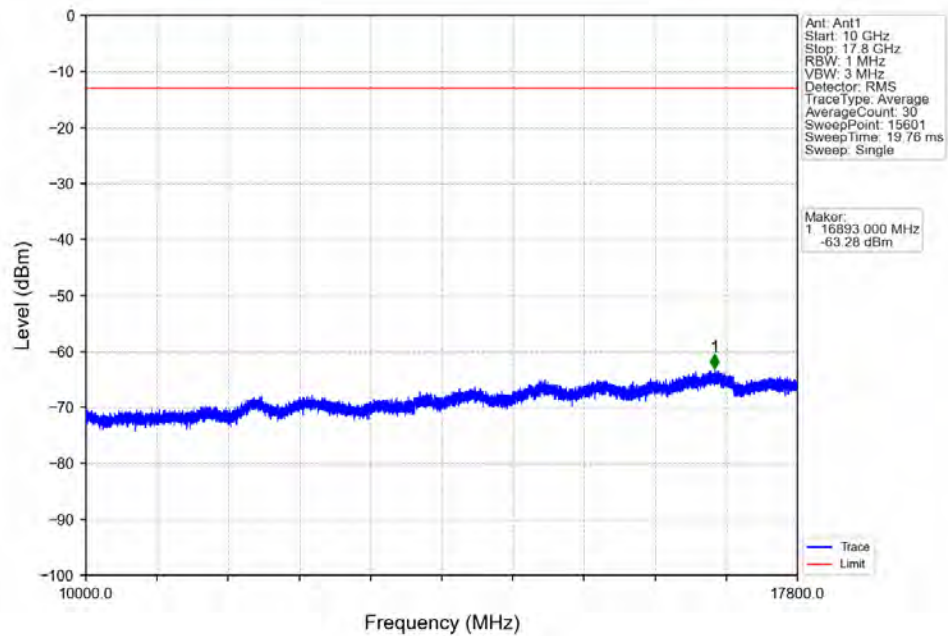
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



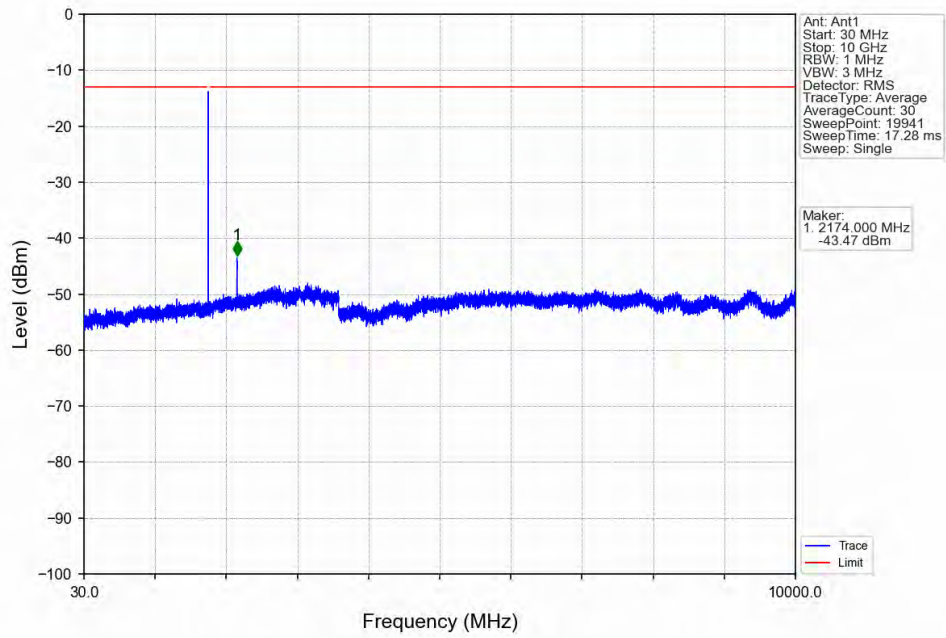
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



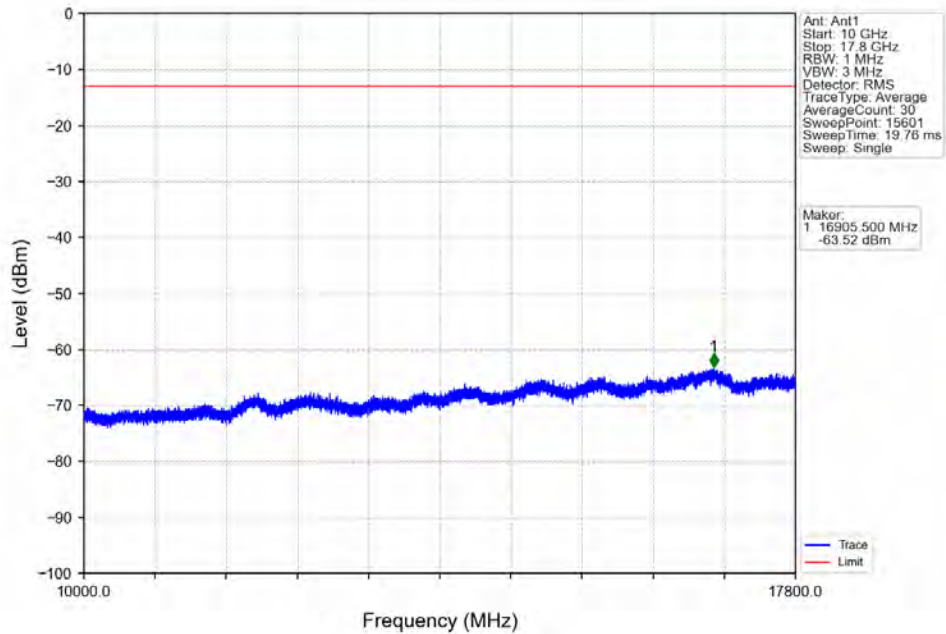
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



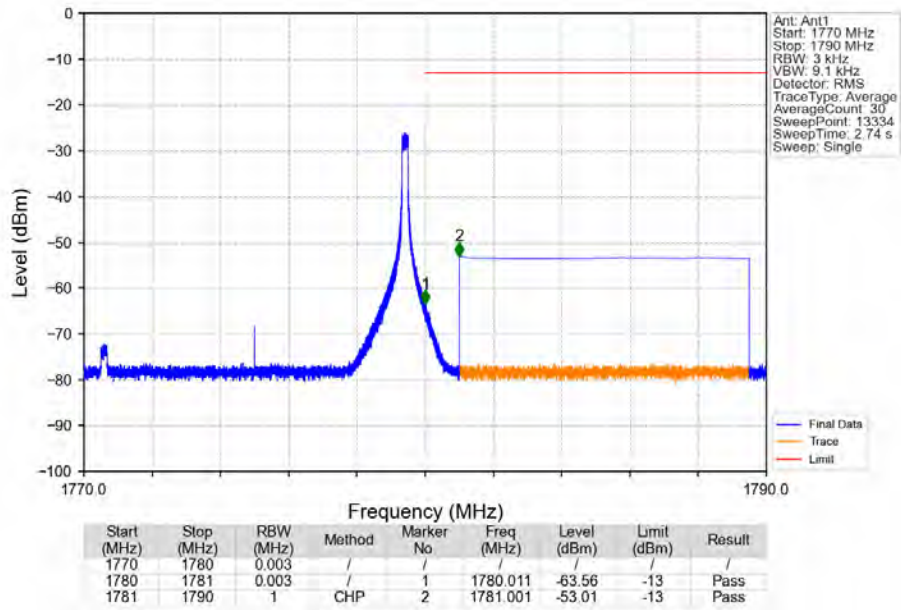
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



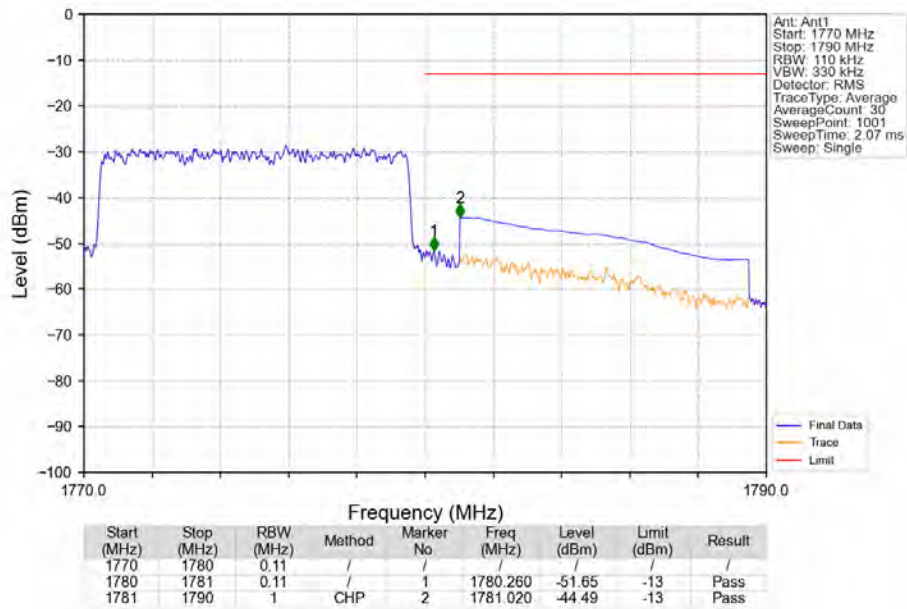
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



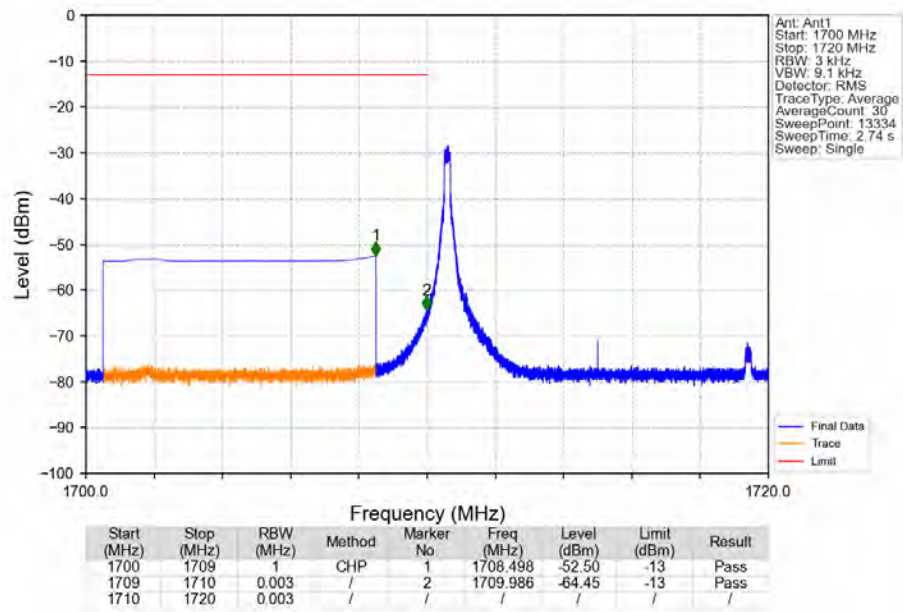
Band66_10MHz QPSK HCH 1775MHz RB 1 49_NTNV



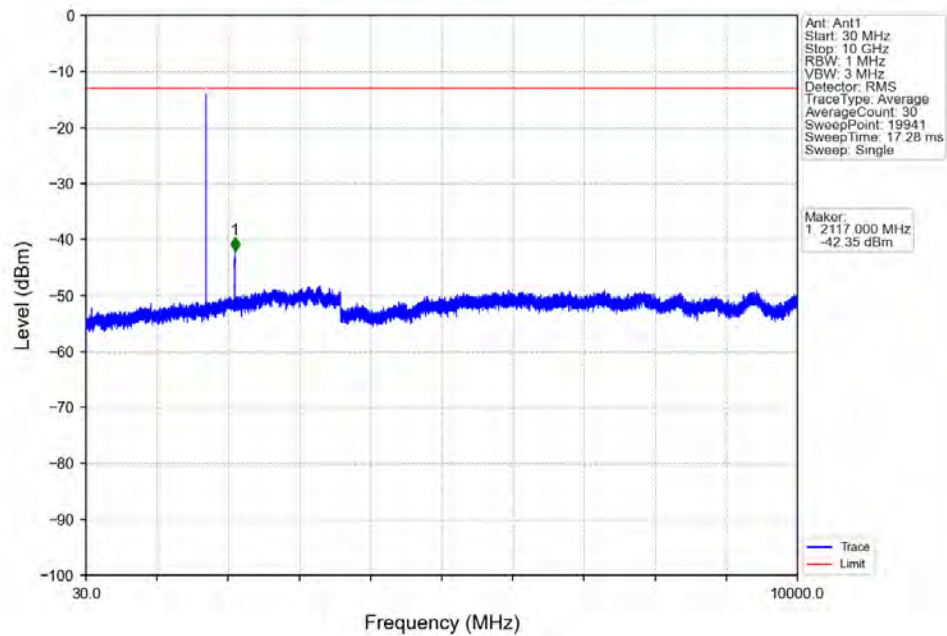
Band66_10MHz QPSK HCH 1775MHz RB 50 0_NTNV



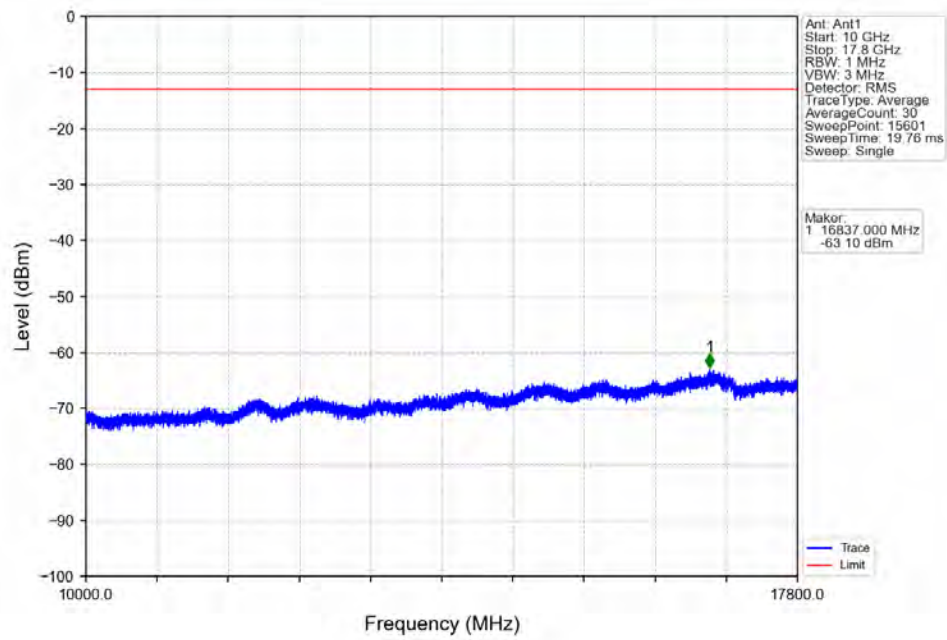
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



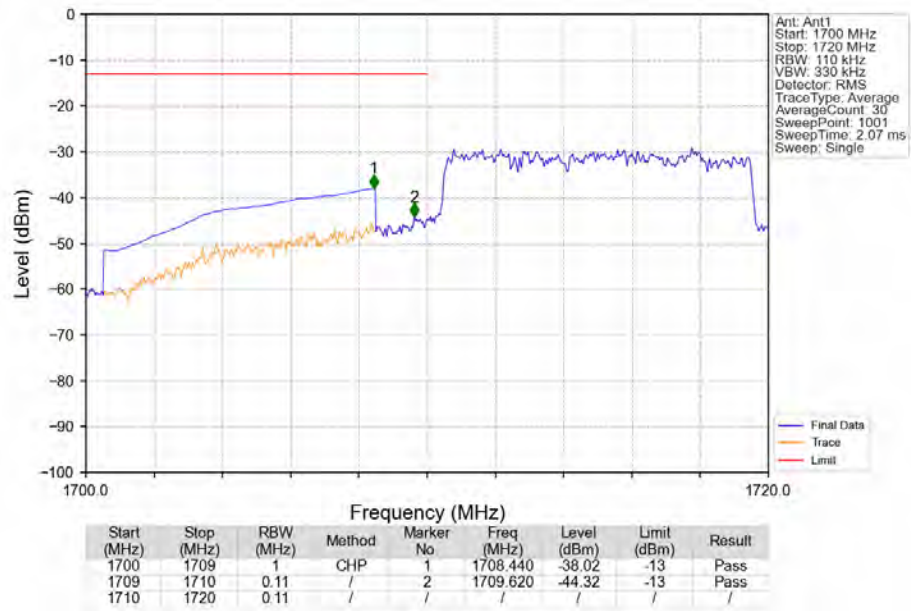
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



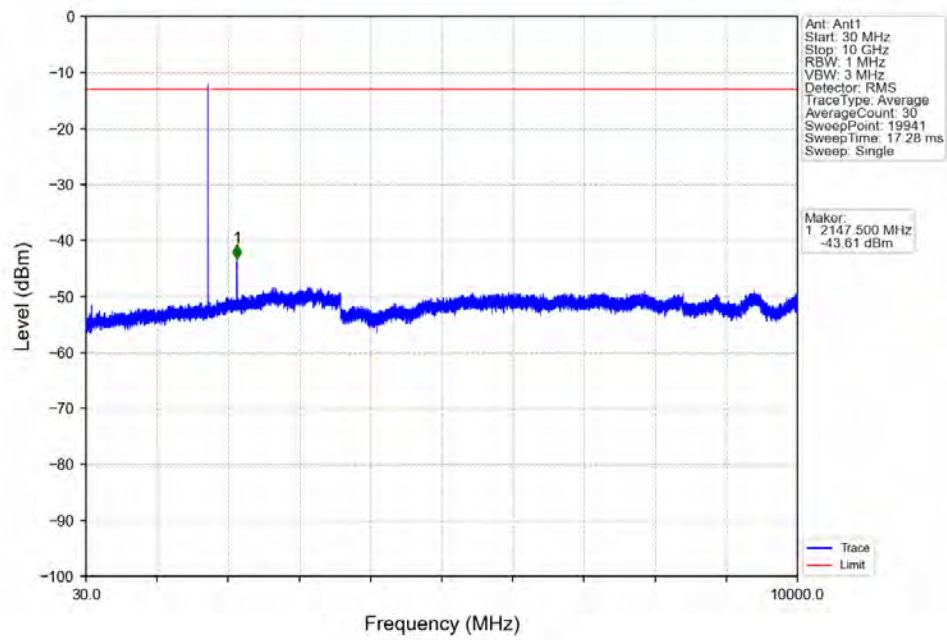
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTV



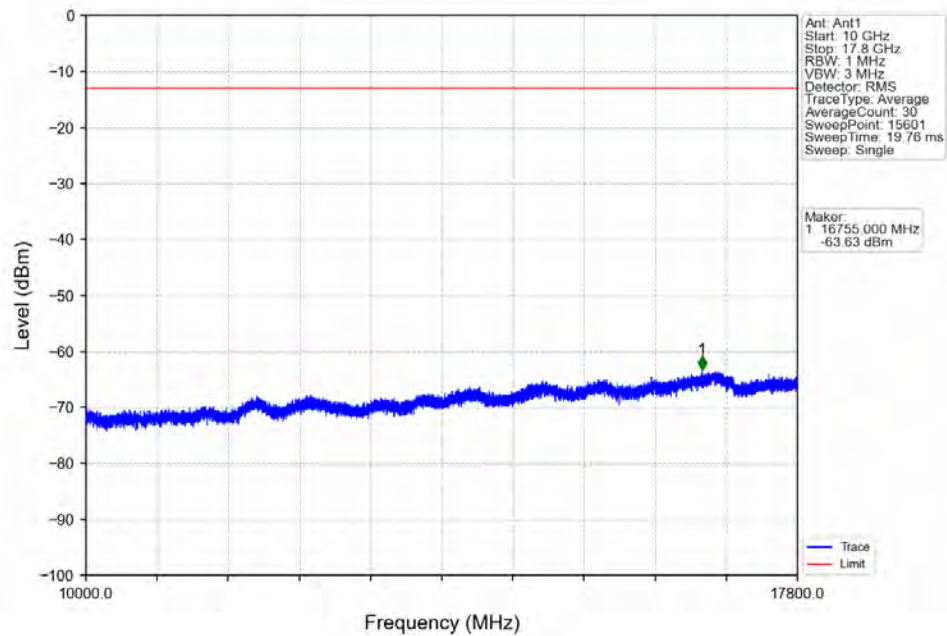
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



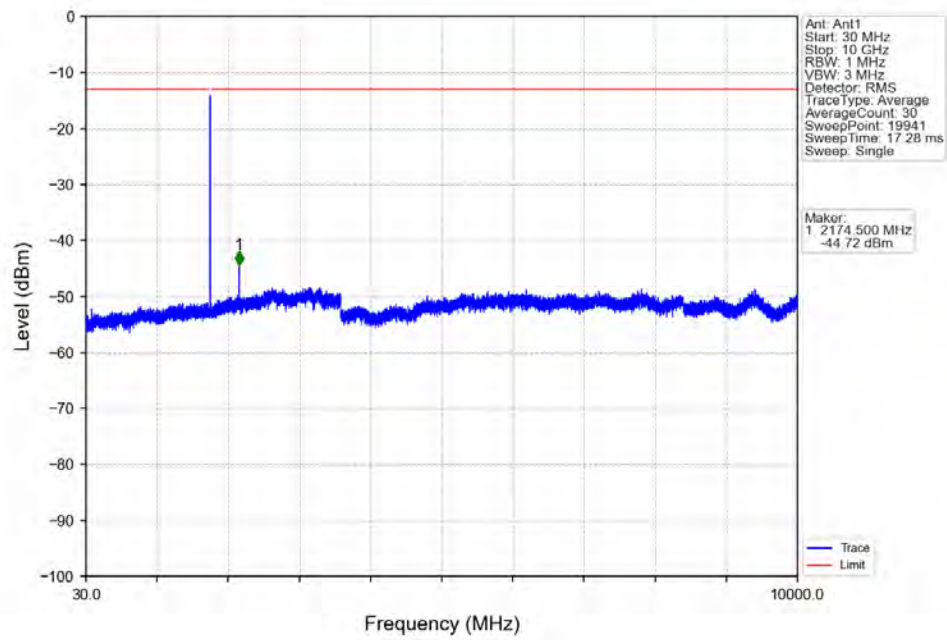
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



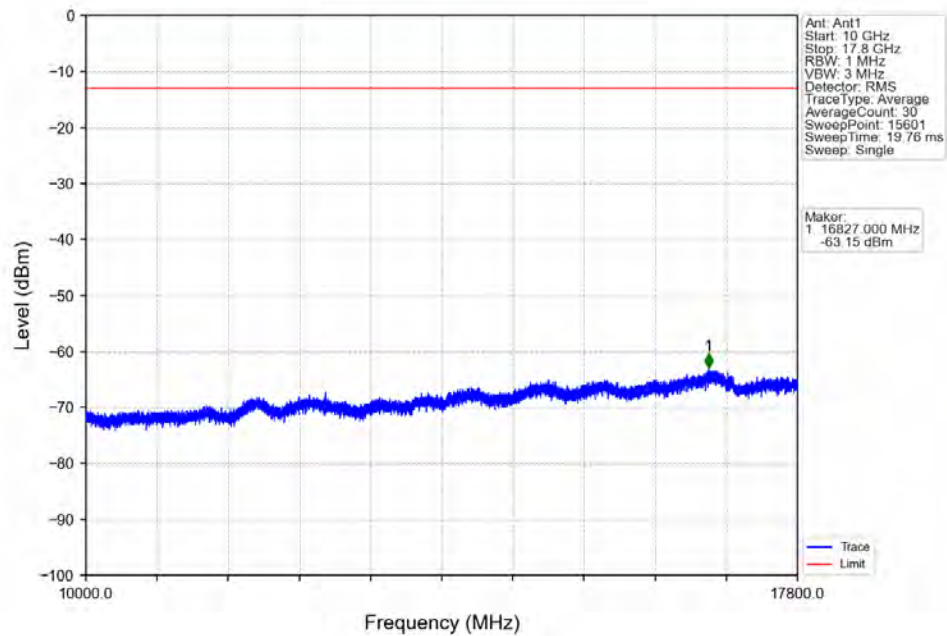
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



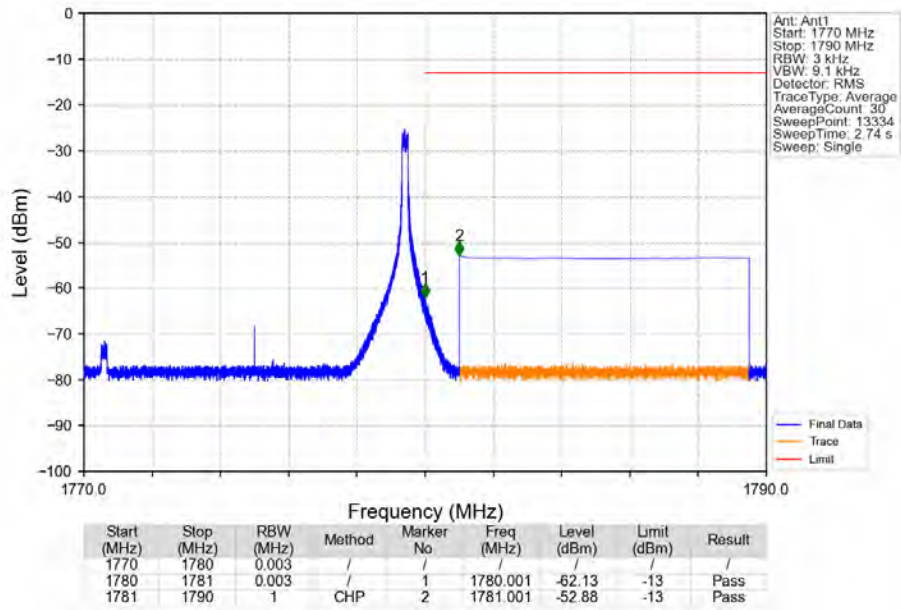
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



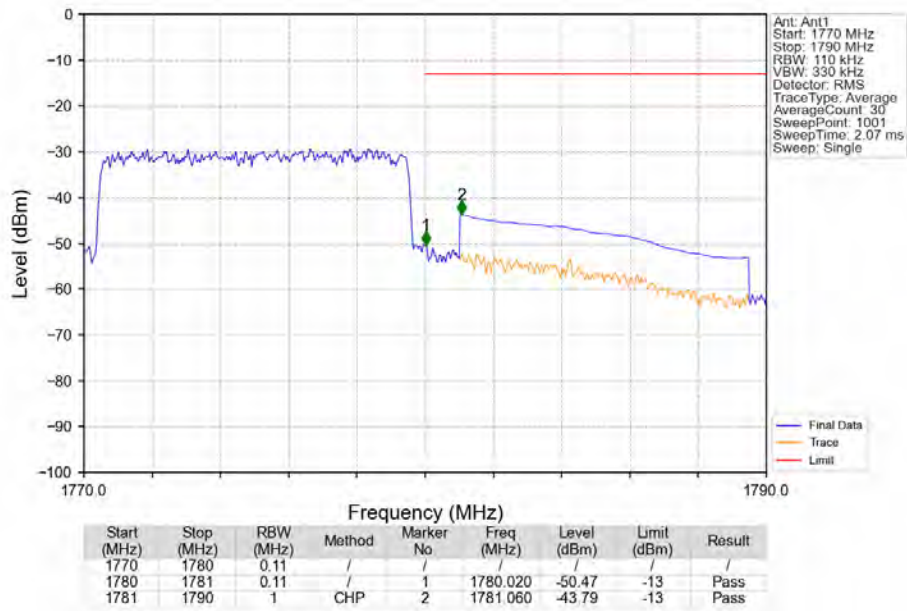
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



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



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

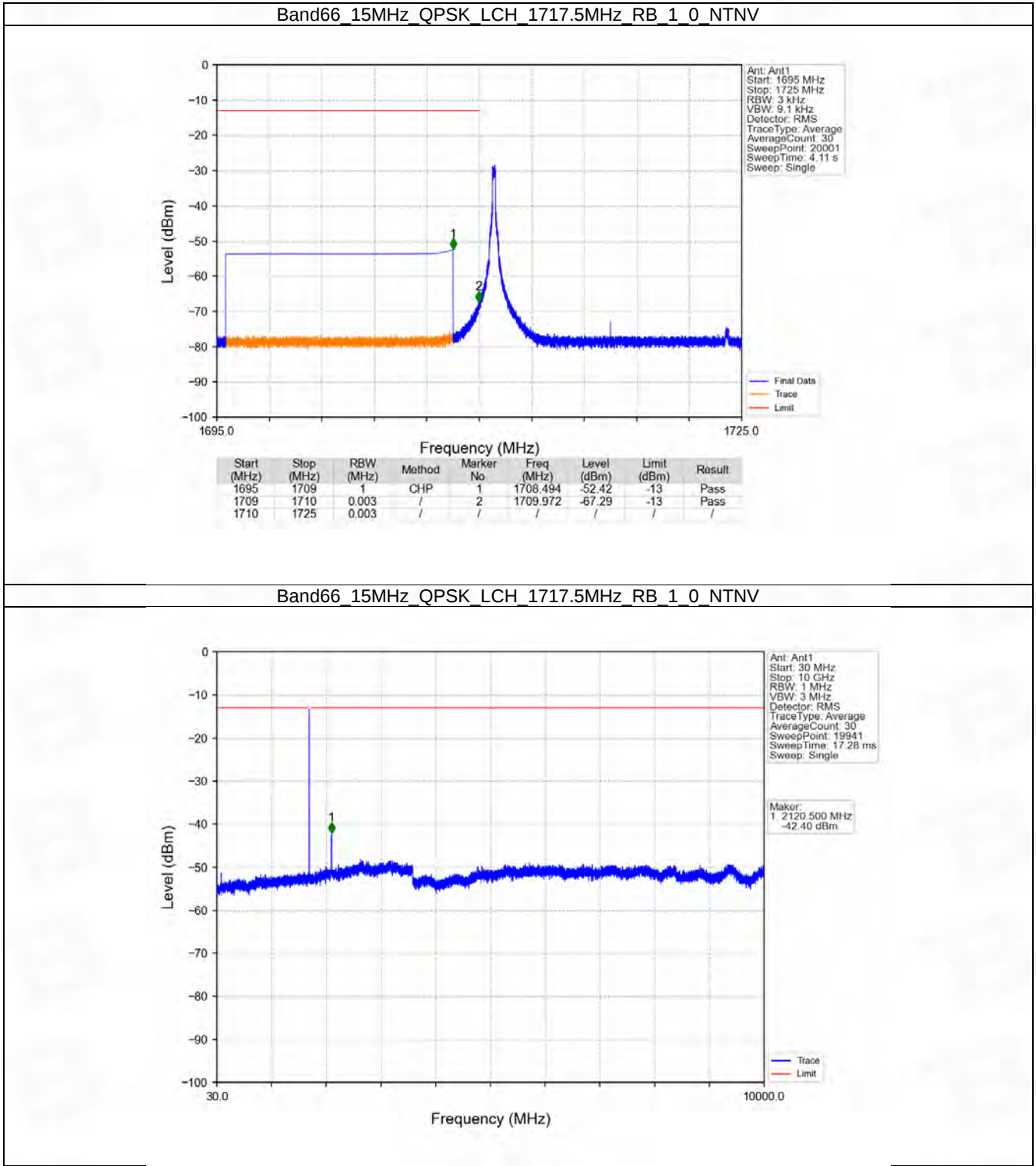


6.5 B66_15MHz

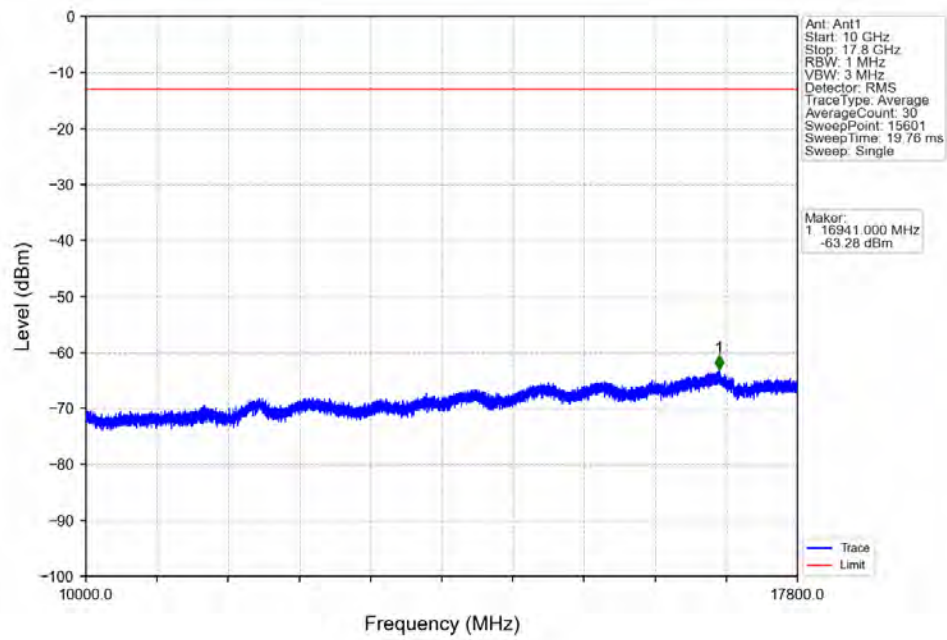
6.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / 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

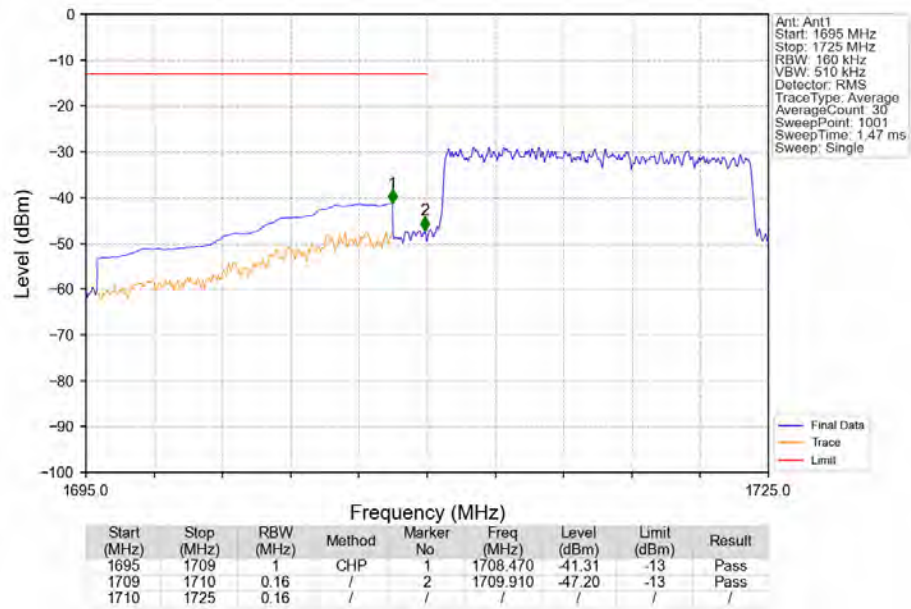
6.5.2 Test Graph



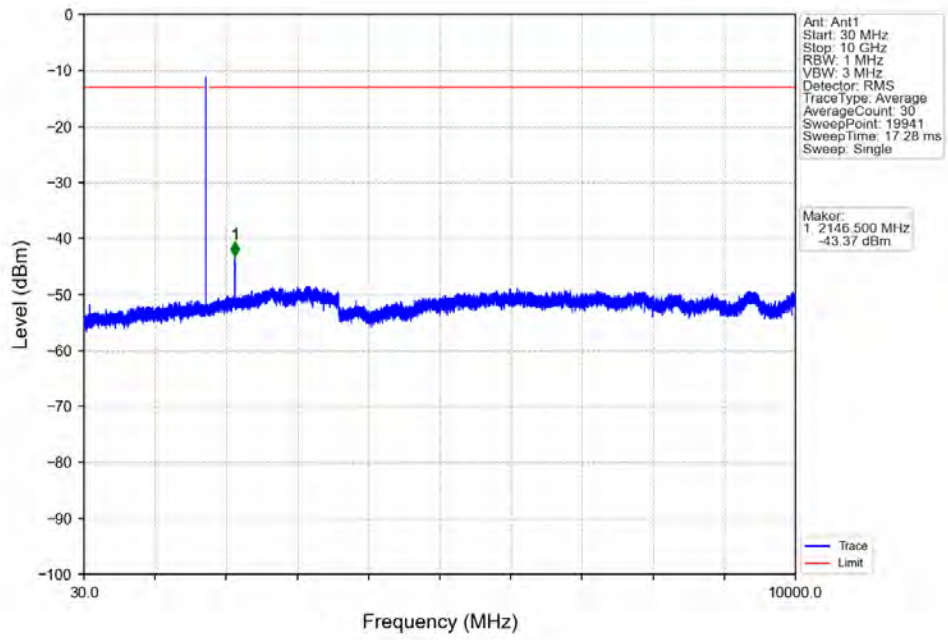
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



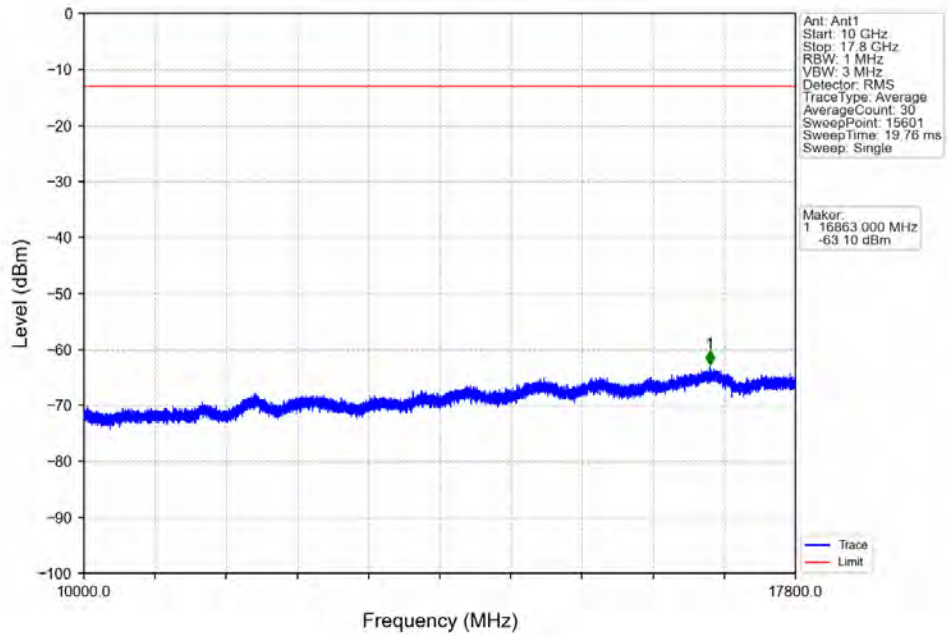
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



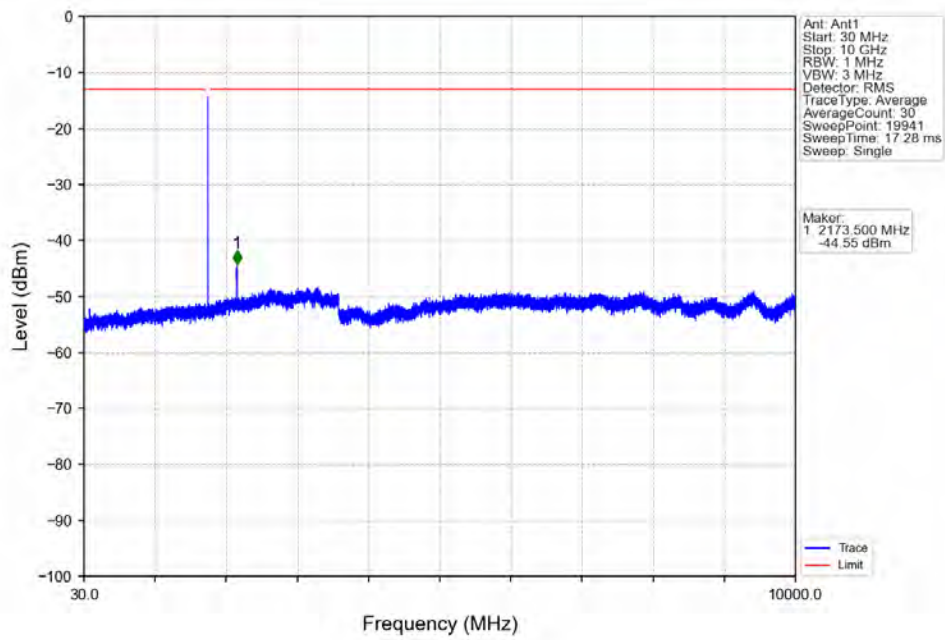
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



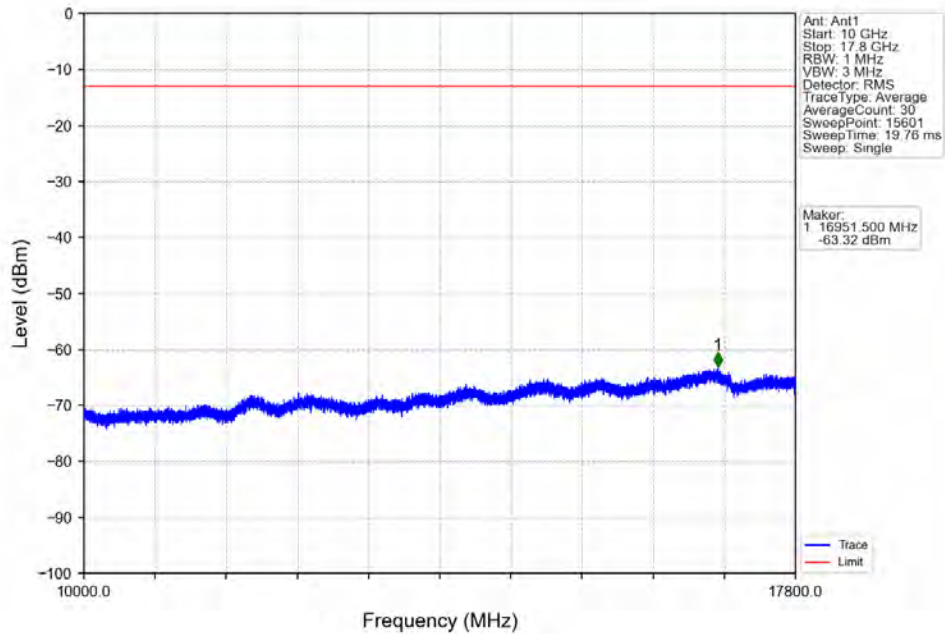
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



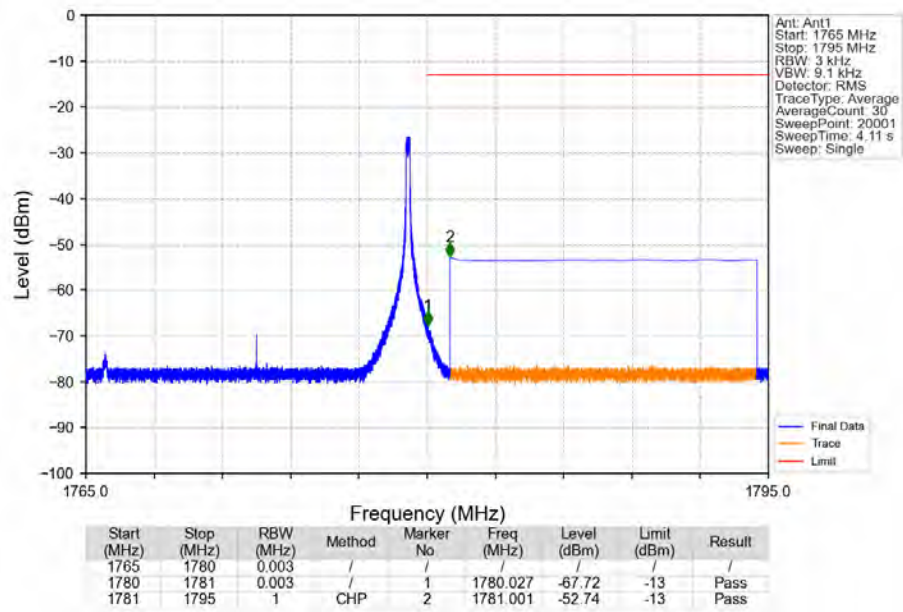
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV



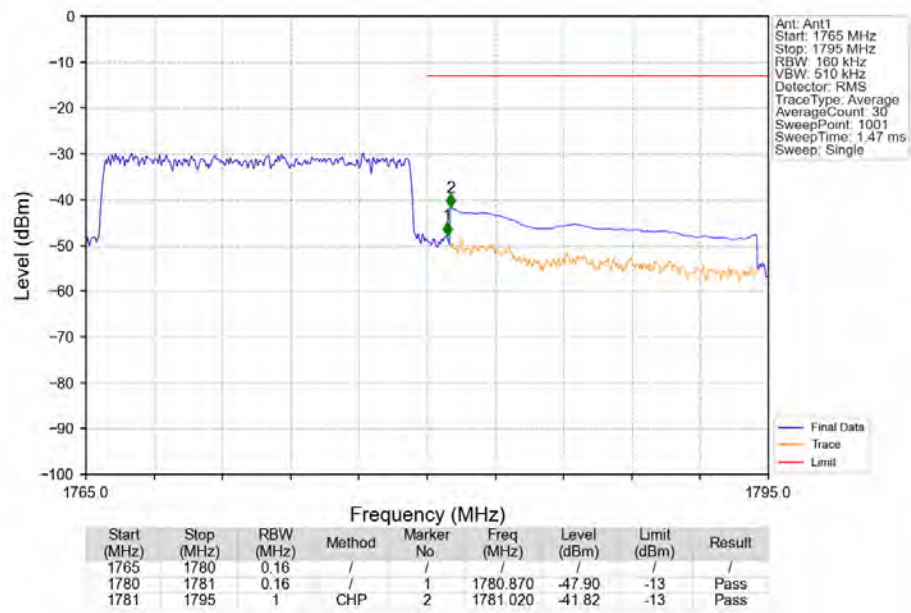
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV



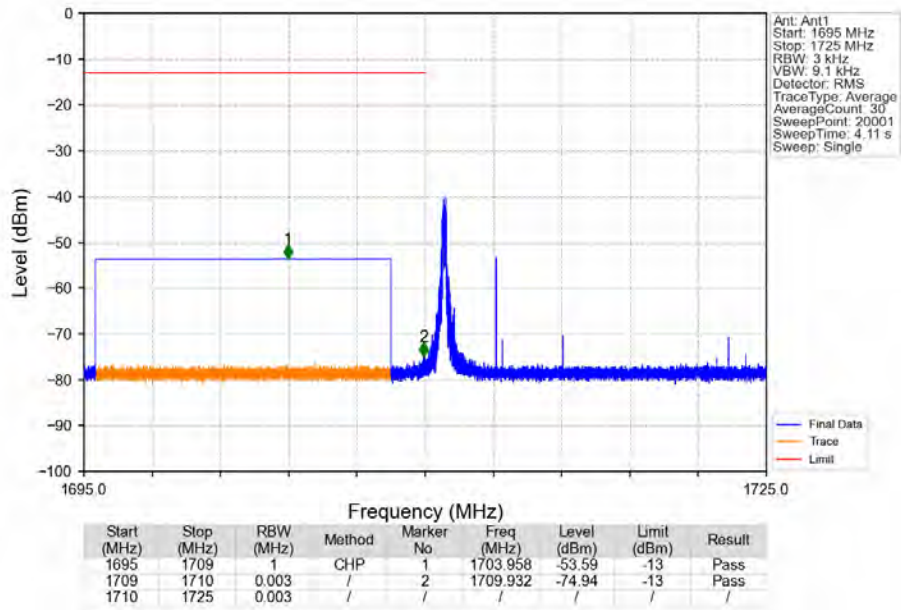
Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



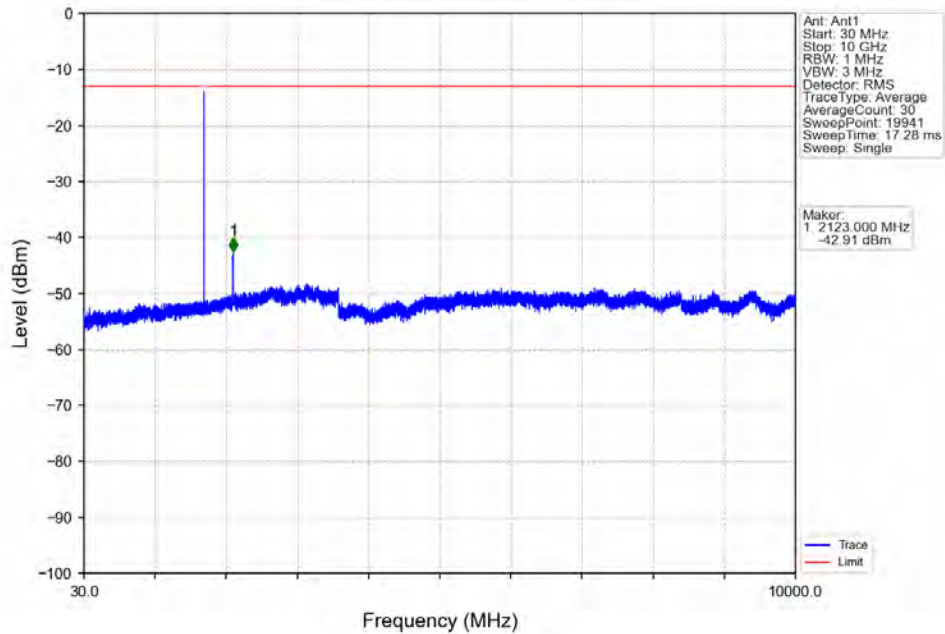
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



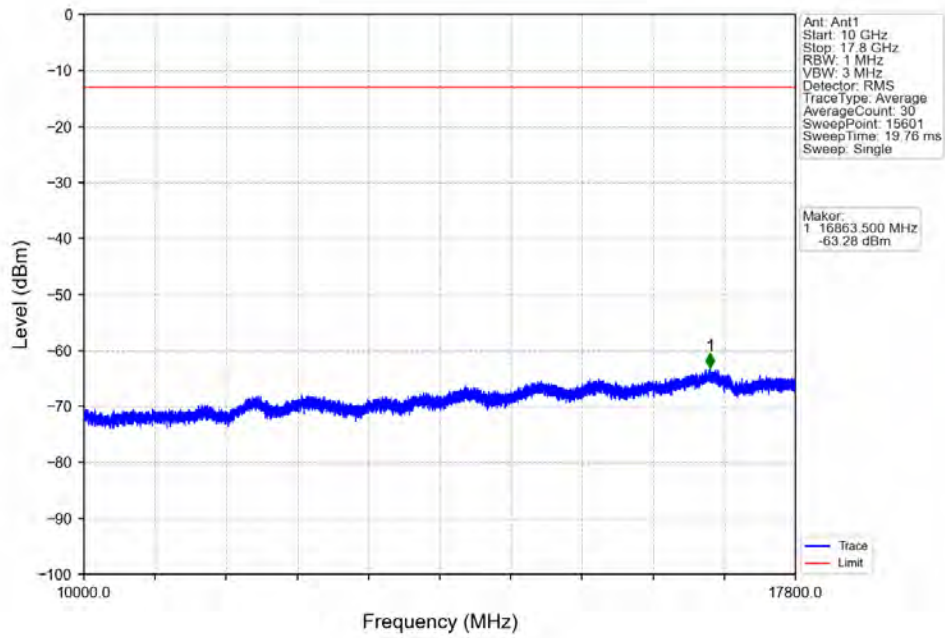
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



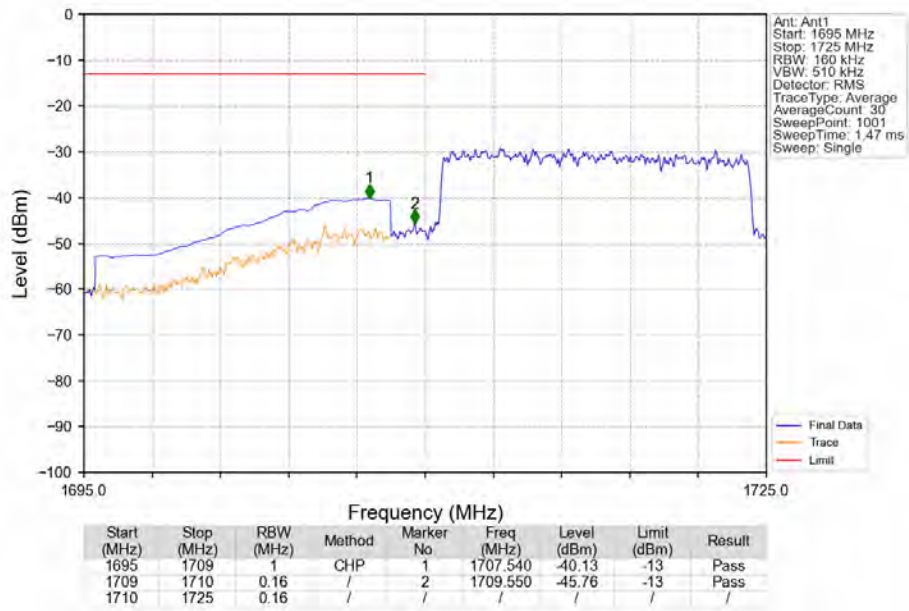
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



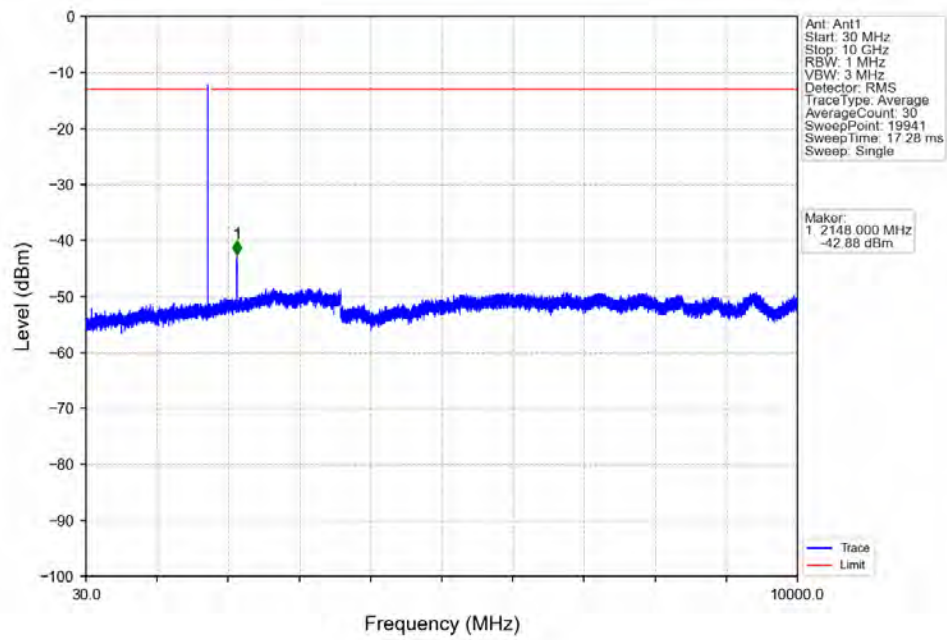
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



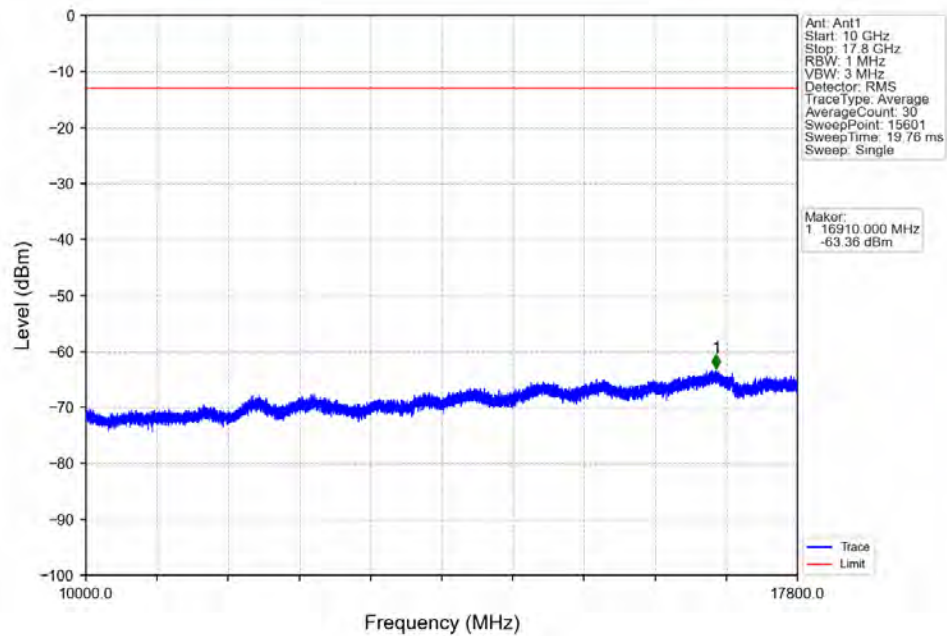
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



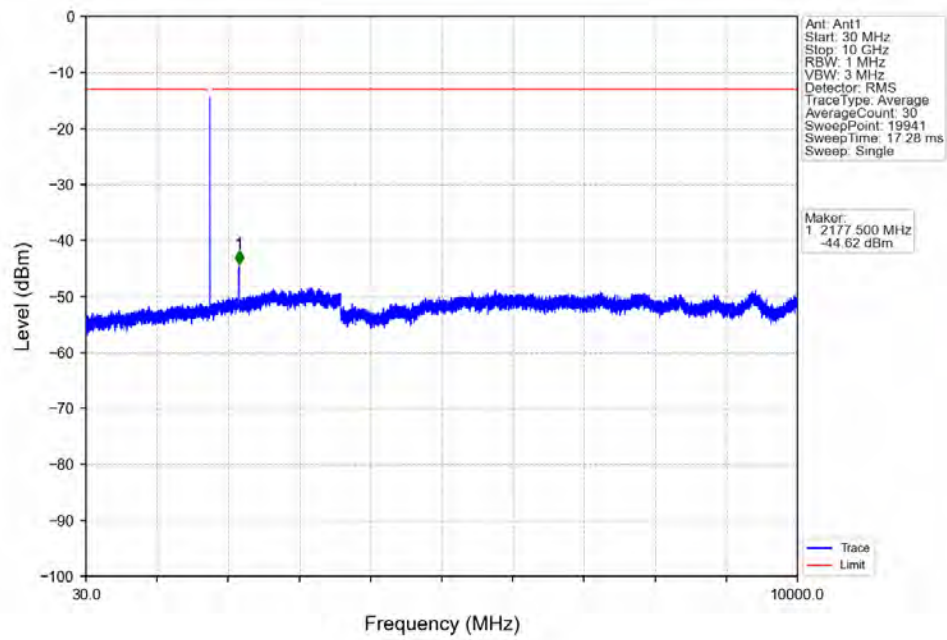
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



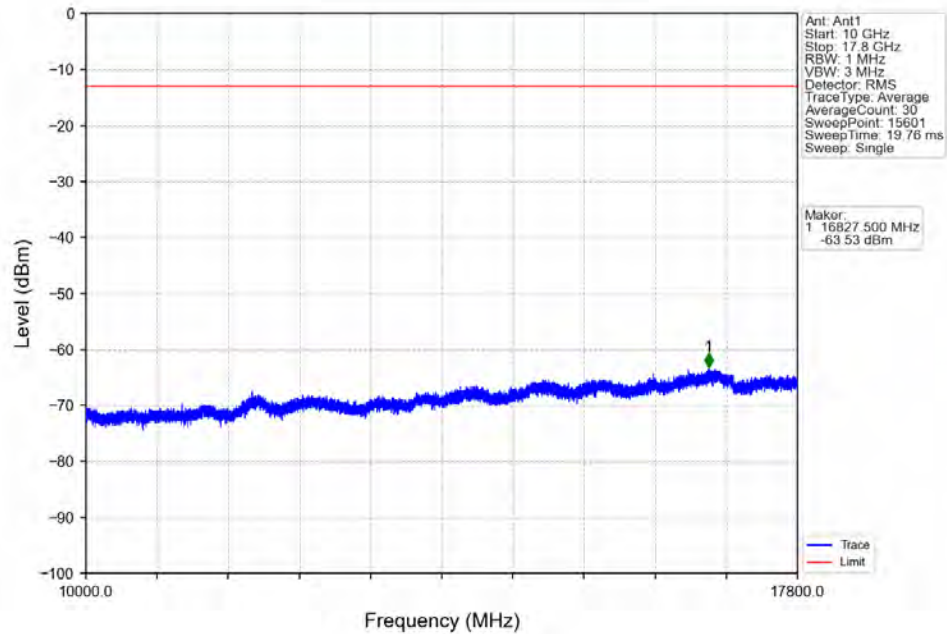
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



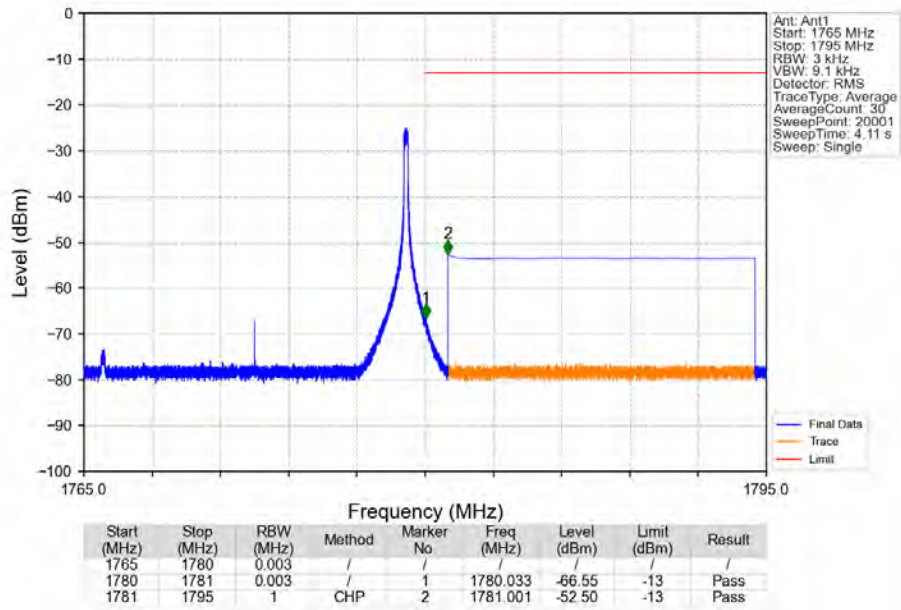
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



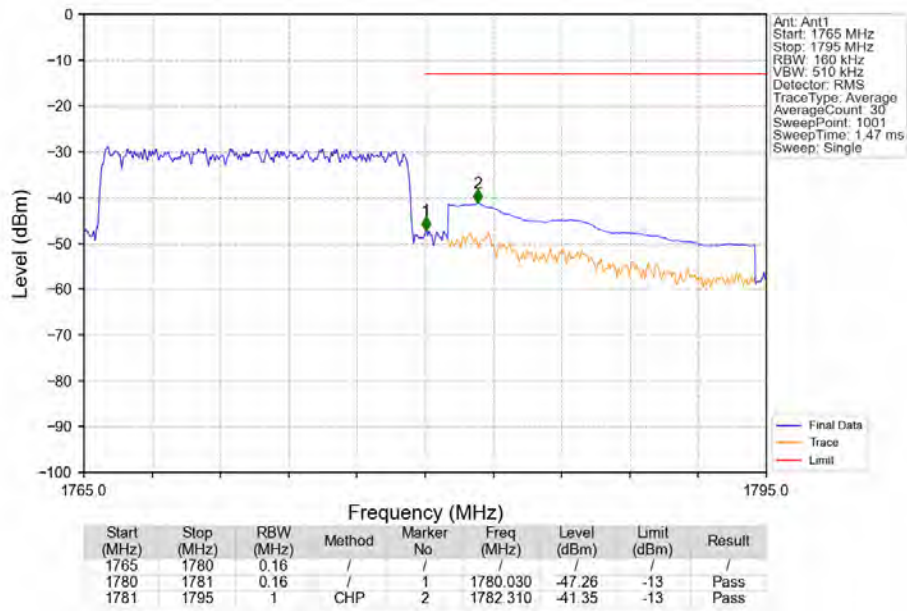
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

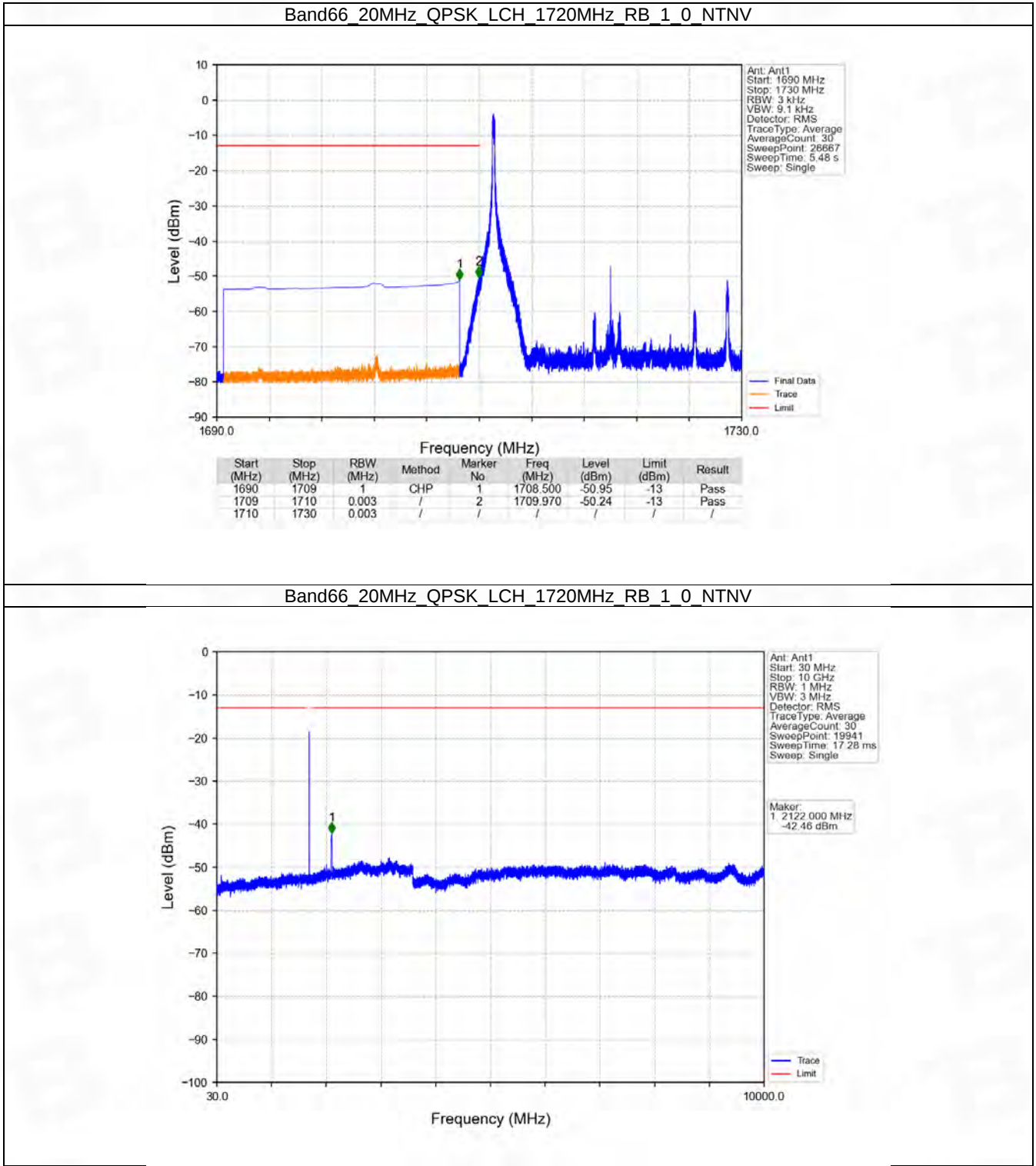


6.6 B66_20MHz

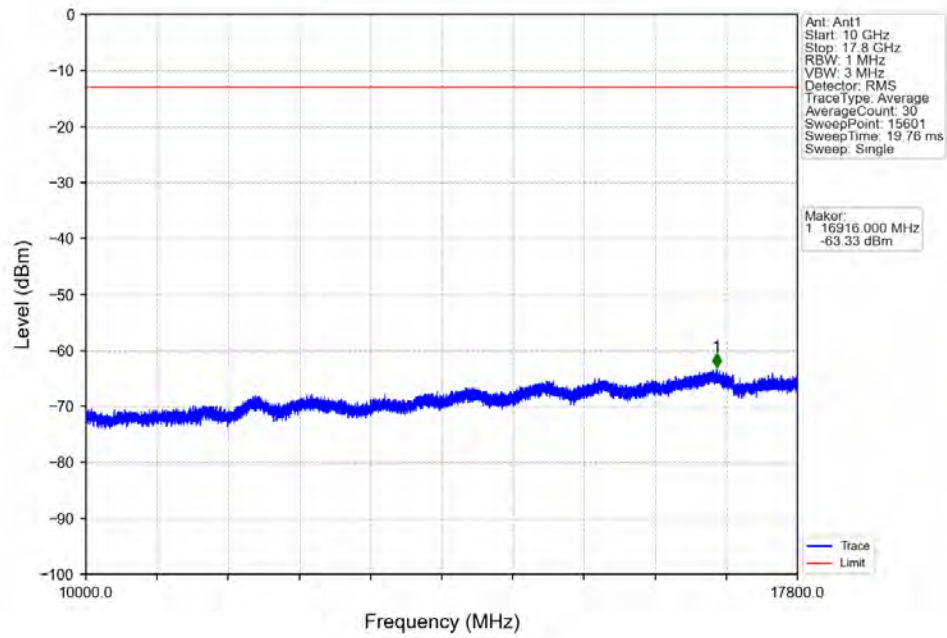
6.6.1 Test Result

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

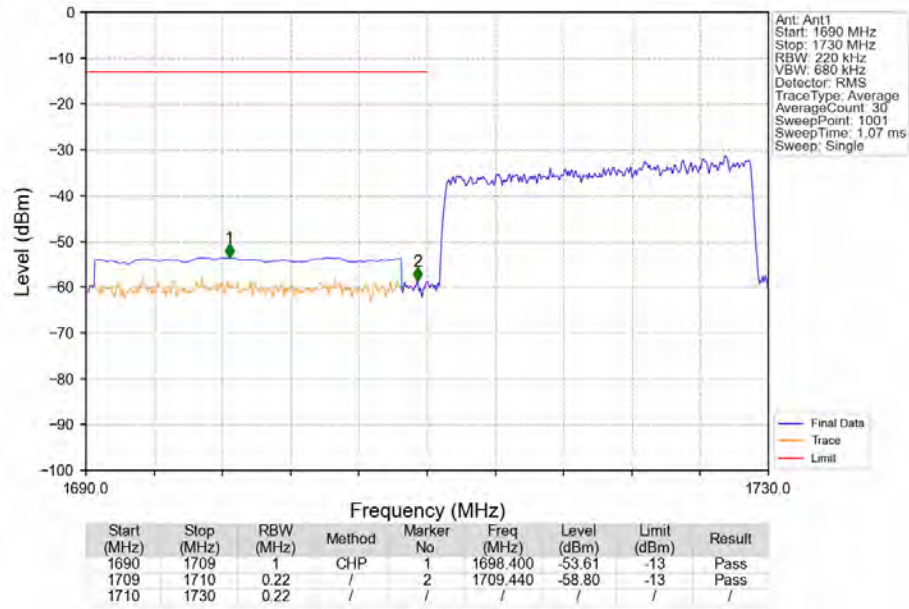
6.6.2 Test Graph



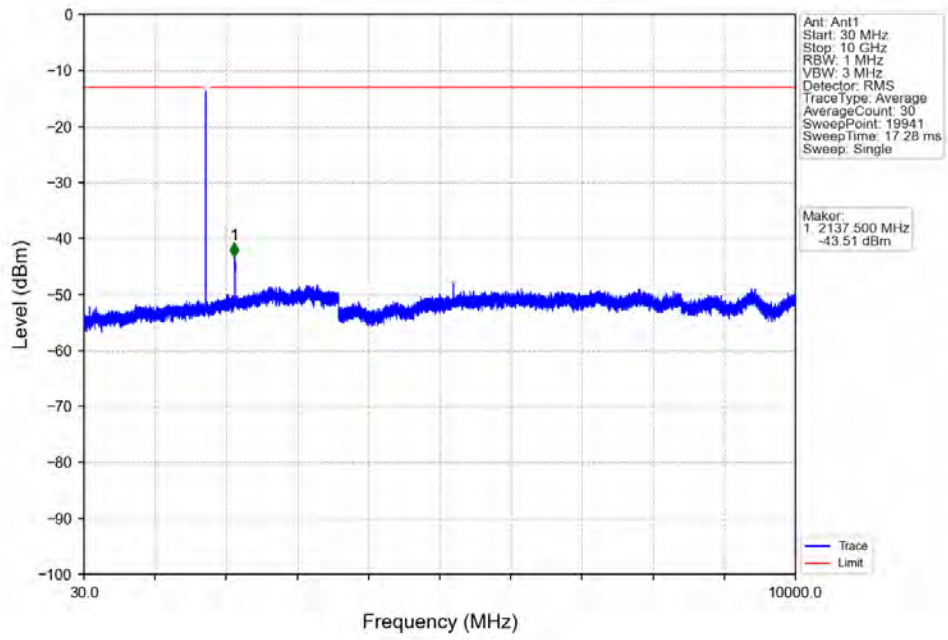
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



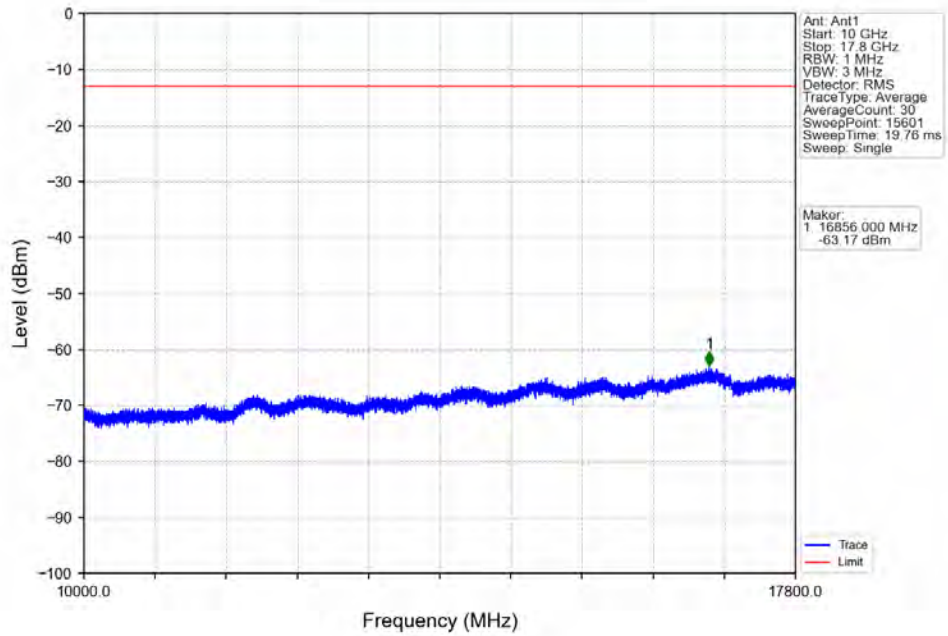
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



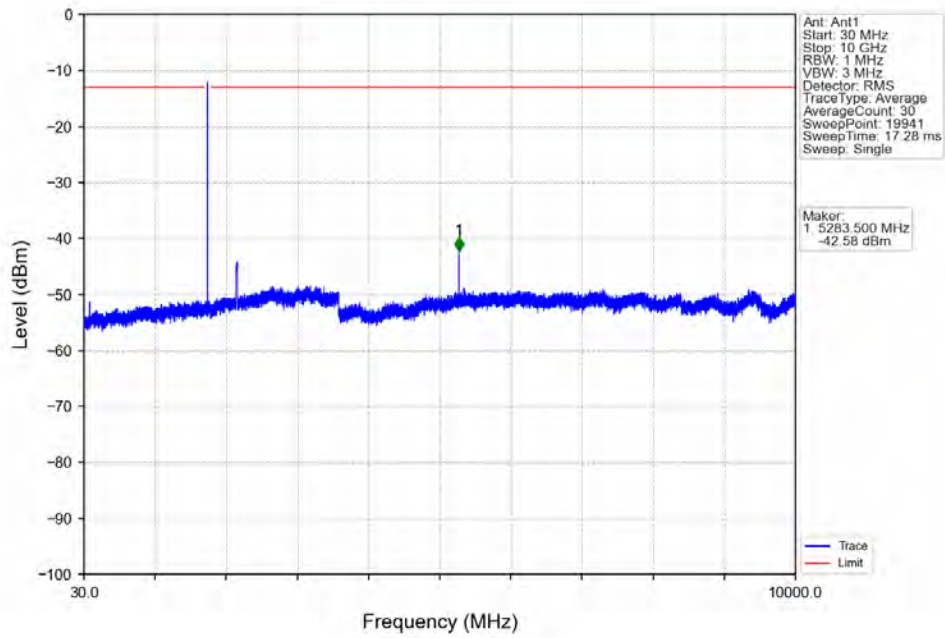
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



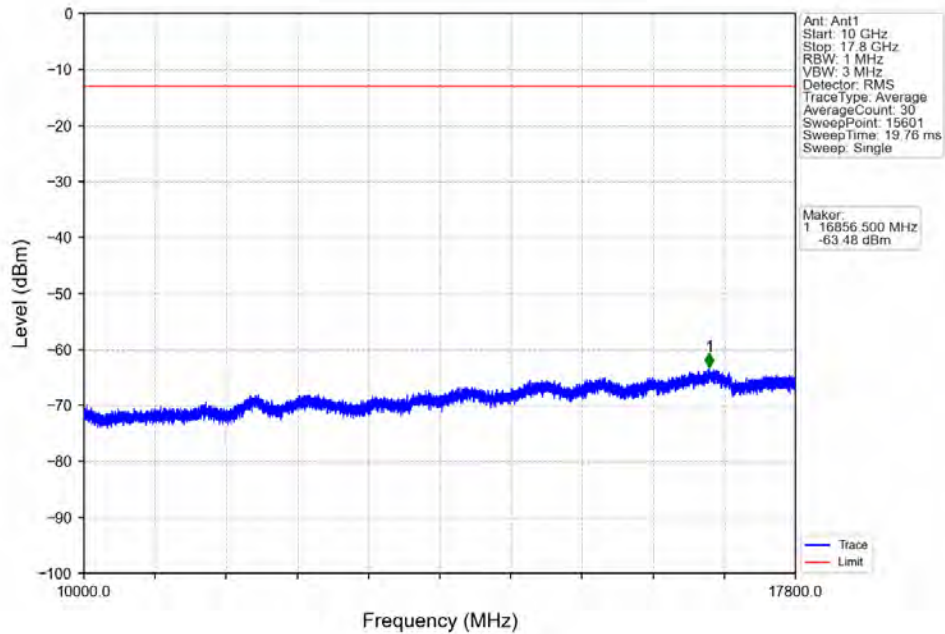
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



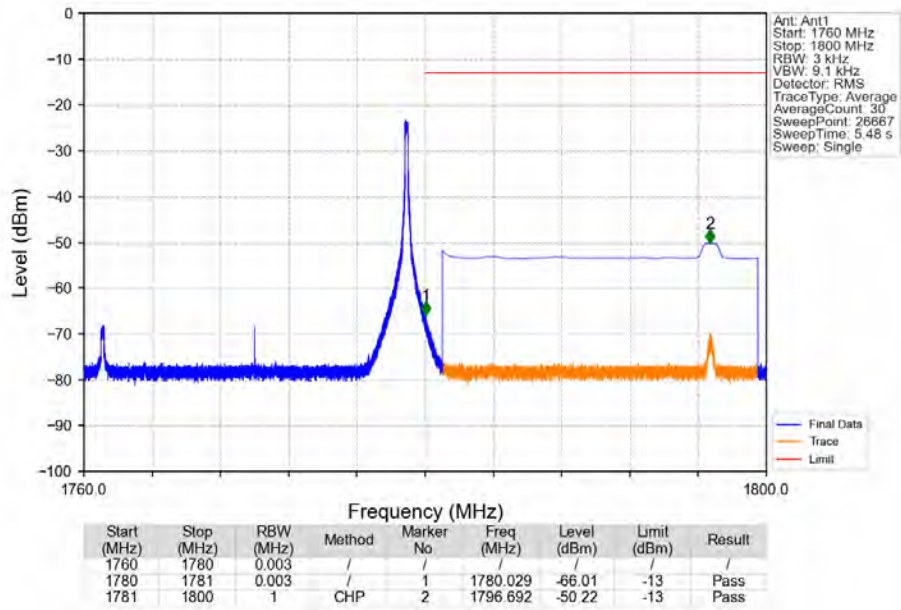
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



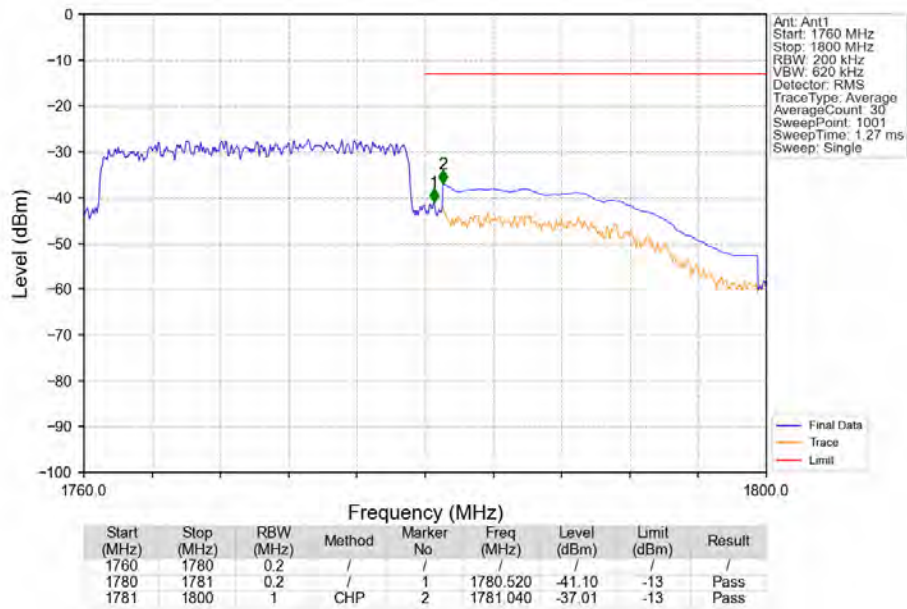
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



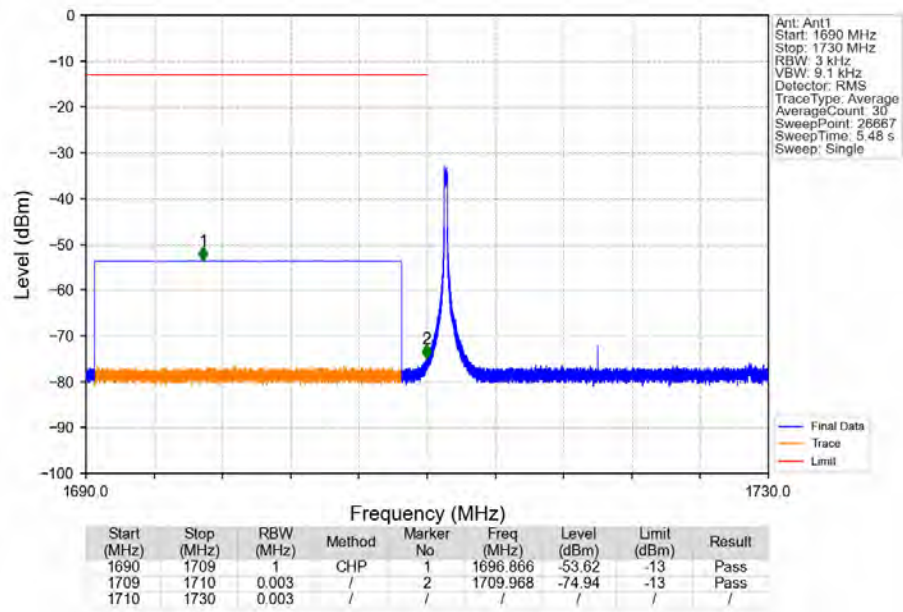
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



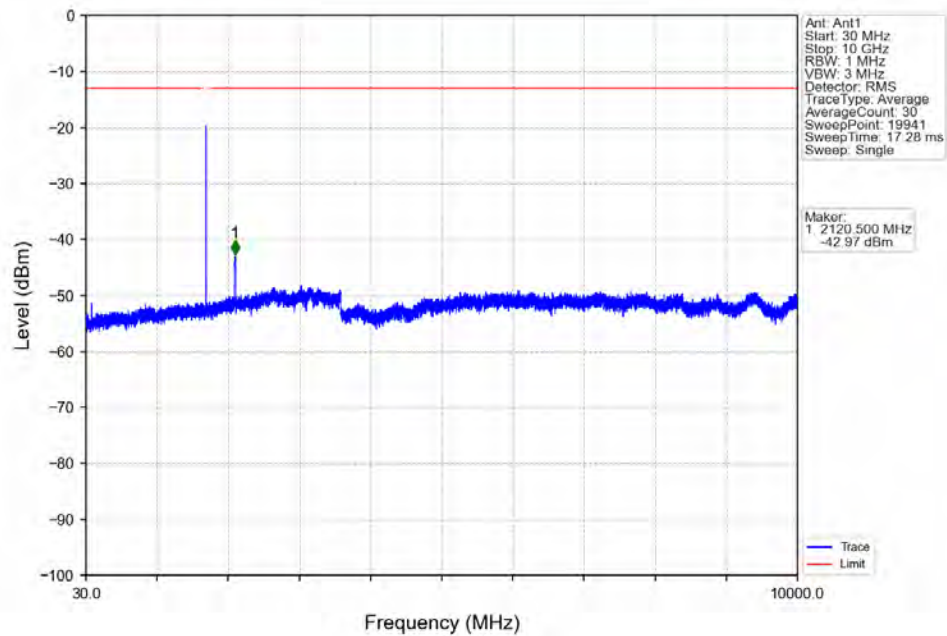
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



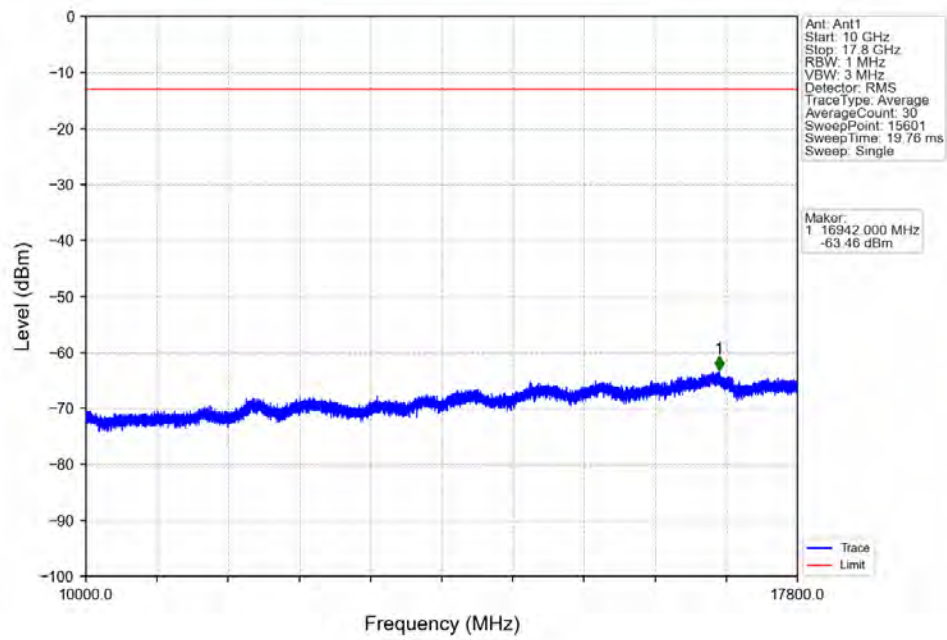
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



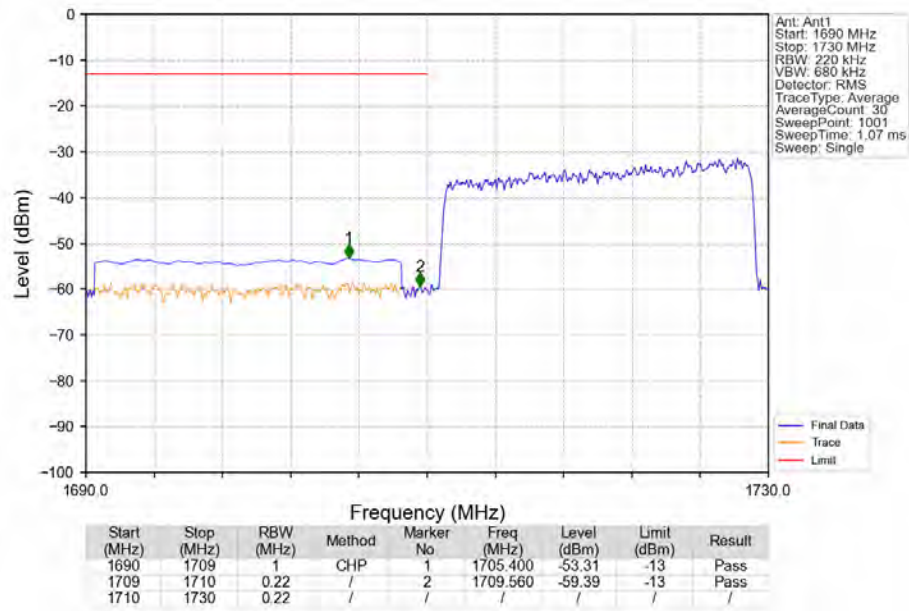
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



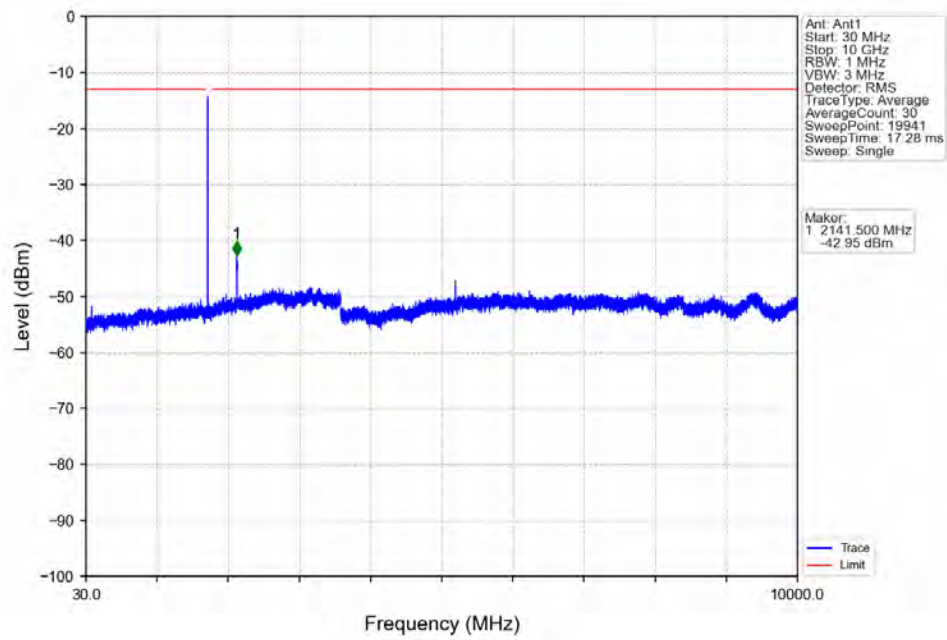
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



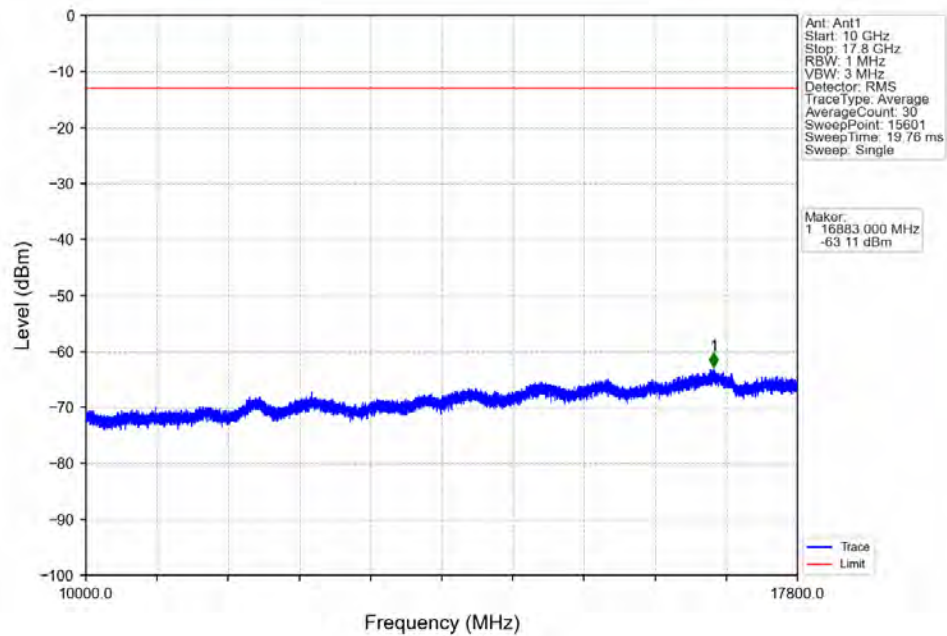
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



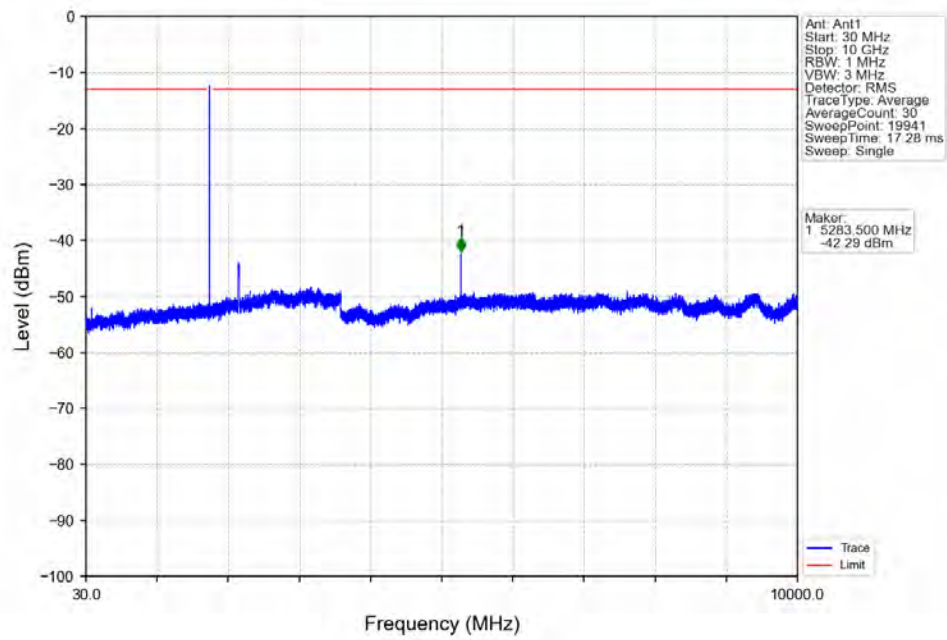
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



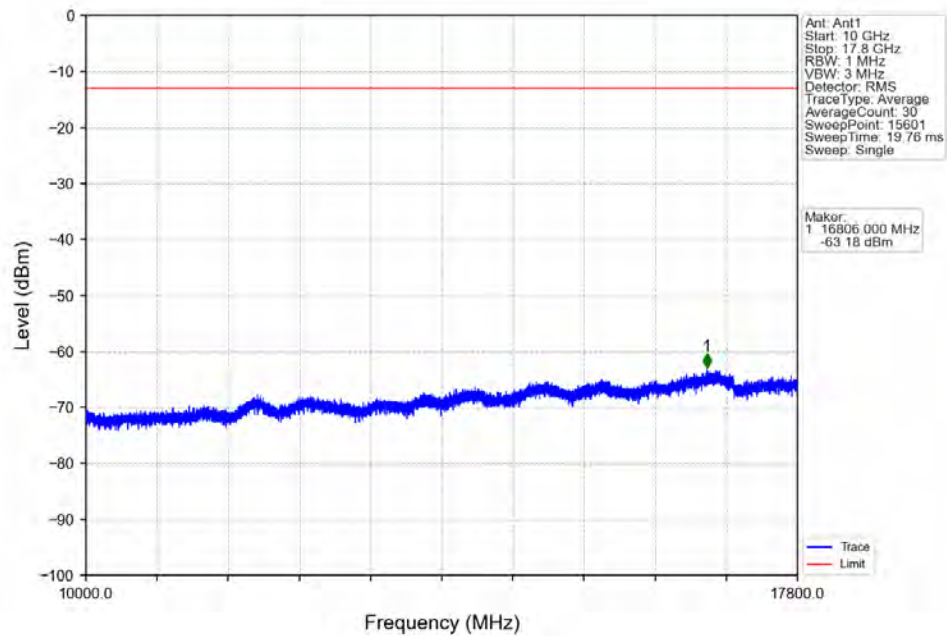
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



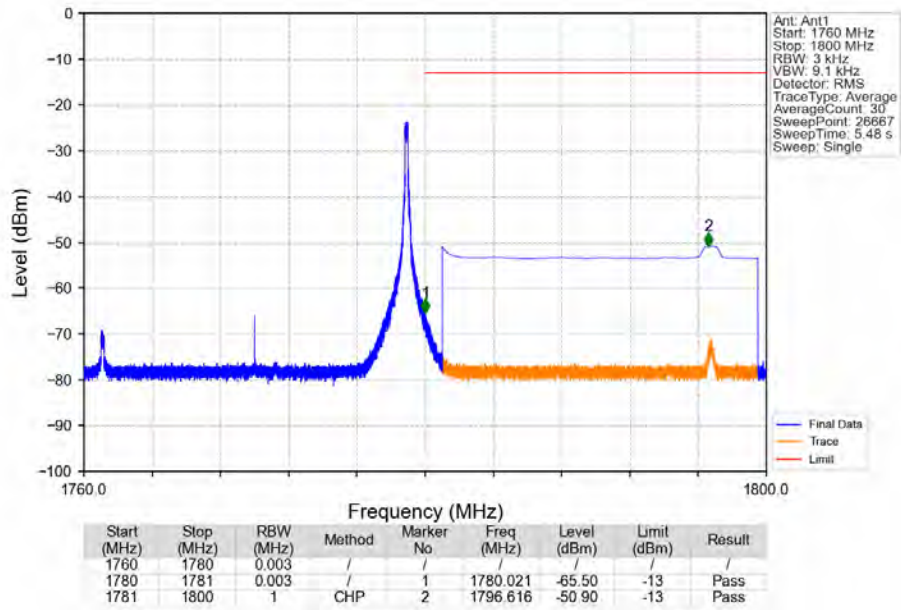
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



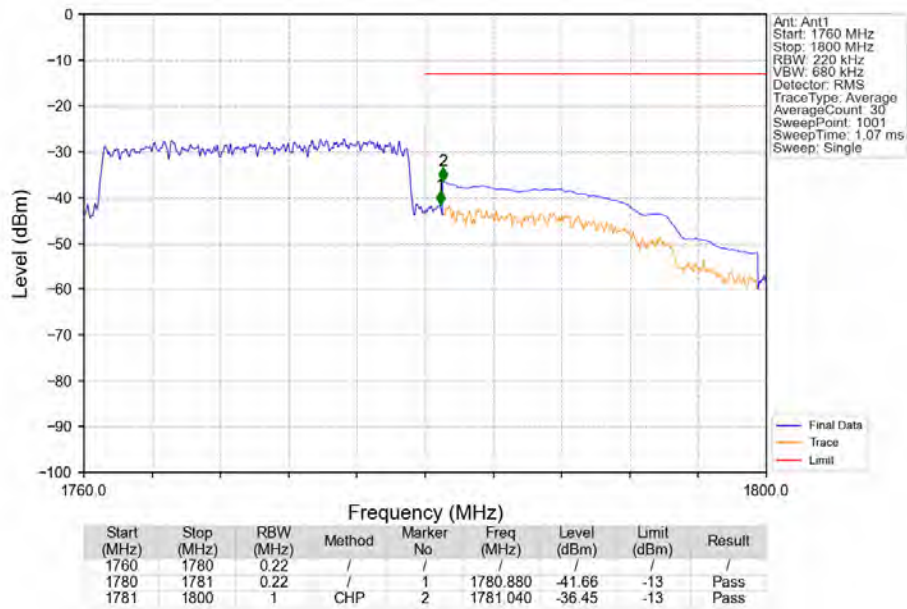
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



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



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



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	0.1521	0.0102	ppm	1M92G7D	27L	21.82
66	1.4	1710.7	1779.3	0.1233	0.0166	ppm	1M98W7D	27L	20.91
66	3	1711.5	1778.5	0.1442	0.0098	ppm	4M45G7D	27L	21.59
66	3	1711.5	1778.5	0.1167	0.0093	ppm	4M75W7D	27L	20.67
66	5	1712.5	1777.5	0.1413	0.0078	ppm	4M58G7D	27L	21.50
66	5	1712.5	1777.5	0.1186	0.0086	ppm	4M58W7D	27L	20.74
66	10	1715	1775	0.1419	0.0050	ppm	9M08G7D	27L	21.52
66	10	1715	1775	0.1161	0.0049	ppm	9M07W7D	27L	20.65
66	15	1717.5	1772.5	0.1400	0.0054	ppm	13M6G7D	27L	21.46
66	15	1717.5	1772.5	0.1125	0.0046	ppm	13M6W7D	27L	20.51
66	20	1720	1770	0.1396	0.0048	ppm	18M2G7D	27L	21.45
66	20	1720	1770	0.1225	-0.0060	ppm	18M2W7D	27L	20.88

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
66	1.4	1710.7	1779.3	0.1637	0.0102	ppm	1M92G7D	27L	22.14
66	1.4	1710.7	1779.3	0.1327	0.0166	ppm	1M98W7D	27L	21.23
66	3	1711.5	1778.5	0.1552	0.0098	ppm	4M45G7D	27L	21.91
66	3	1711.5	1778.5	0.1256	0.0093	ppm	4M75W7D	27L	20.99
66	5	1712.5	1777.5	0.1521	0.0078	ppm	4M58G7D	27L	21.82
66	5	1712.5	1777.5	0.1276	0.0086	ppm	4M58W7D	27L	21.06
66	10	1715	1775	0.1528	0.0050	ppm	9M08G7D	27L	21.84
66	10	1715	1775	0.1250	0.0049	ppm	9M07W7D	27L	20.97
66	15	1717.5	1772.5	0.1507	0.0054	ppm	13M6G7D	27L	21.78
66	15	1717.5	1772.5	0.1211	0.0046	ppm	13M6W7D	27L	20.83
66	20	1720	1770	0.1503	0.0048	ppm	18M2G7D	27L	21.77
66	20	1720	1770	0.1318	0.0060	ppm	18M2W7D	27L	21.20