

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.21	2.00	25.21	<=30	Pass
			2	23.40	2.00	25.40	<=30	Pass
			5	23.22	2.00	25.22	<=30	Pass
		3	0	23.14	2.00	25.14	<=30	Pass
			2	23.25	2.00	25.25	<=30	Pass
			3	23.27	2.00	25.27	<=30	Pass
		6	0	22.17	2.00	24.17	<=30	Pass
	1745	1	0	23.48	2.00	25.48	<=30	Pass
			2	23.46	2.00	25.46	<=30	Pass
			5	23.75	2.00	25.75	<=30	Pass
		3	0	23.54	2.00	25.54	<=30	Pass
			2	23.69	2.00	25.69	<=30	Pass
			3	23.59	2.00	25.59	<=30	Pass
		6	0	22.54	2.00	24.54	<=30	Pass
	1779.3	1	0	23.63	2.00	25.63	<=30	Pass
			2	23.60	2.00	25.60	<=30	Pass
			5	23.63	2.00	25.63	<=30	Pass
		3	0	23.59	2.00	25.59	<=30	Pass
			2	23.54	2.00	25.54	<=30	Pass
			3	23.54	2.00	25.54	<=30	Pass
		6	0	22.56	2.00	24.56	<=30	Pass
16QAM	1710.7	1	0	22.90	2.00	24.90	<=30	Pass
			2	22.80	2.00	24.80	<=30	Pass
			5	22.87	2.00	24.87	<=30	Pass
		3	0	22.48	2.00	24.48	<=30	Pass
			2	22.04	2.00	24.04	<=30	Pass
			3	22.09	2.00	24.09	<=30	Pass
		6	0	21.08	2.00	23.08	<=30	Pass
	1745	1	0	22.40	2.00	24.40	<=30	Pass
			2	22.56	2.00	24.56	<=30	Pass
			5	22.48	2.00	24.48	<=30	Pass
		3	0	22.73	2.00	24.73	<=30	Pass
			2	22.77	2.00	24.77	<=30	Pass
			3	22.58	2.00	24.58	<=30	Pass
		6	0	21.49	2.00	23.49	<=30	Pass
	1779.3	1	0	22.77	2.00	24.77	<=30	Pass
			2	22.83	2.00	24.83	<=30	Pass
			5	22.87	2.00	24.87	<=30	Pass
		3	0	22.65	2.00	24.65	<=30	Pass
2			22.76	2.00	24.76	<=30	Pass	
3			22.71	2.00	24.71	<=30	Pass	
6		0	21.52	2.00	23.52	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1711.5	1	0	23.17	2.00	25.17	<=30	Pass	
			7	23.46	2.00	25.46	<=30	Pass	
			14	23.21	2.00	25.21	<=30	Pass	
		8	0	22.20	2.00	24.20	<=30	Pass	
			4	22.15	2.00	24.15	<=30	Pass	
			7	22.15	2.00	24.15	<=30	Pass	
		15	0	22.20	2.00	24.20	<=30	Pass	
		1745	1	0	23.55	2.00	25.55	<=30	Pass
				7	23.75	2.00	25.75	<=30	Pass
	14			23.55	2.00	25.55	<=30	Pass	
	8		0	22.66	2.00	24.66	<=30	Pass	
			4	22.63	2.00	24.63	<=30	Pass	
			7	22.67	2.00	24.67	<=30	Pass	
	15	0	22.67	2.00	24.67	<=30	Pass		
	1778.5	1	0	23.52	2.00	25.52	<=30	Pass	
			7	23.88	2.00	25.88	<=30	Pass	
			14	23.53	2.00	25.53	<=30	Pass	
		8	0	22.68	2.00	24.68	<=30	Pass	
			4	22.63	2.00	24.63	<=30	Pass	
			7	22.74	2.00	24.74	<=30	Pass	
		15	0	22.57	2.00	24.57	<=30	Pass	
16QAM		1711.5	1	0	22.80	2.00	24.80	<=30	Pass
				7	22.85	2.00	24.85	<=30	Pass
	14			22.67	2.00	24.67	<=30	Pass	
	8		0	21.49	2.00	23.49	<=30	Pass	
			4	21.45	2.00	23.45	<=30	Pass	
			7	21.45	2.00	23.45	<=30	Pass	
	15		0	21.21	2.00	23.21	<=30	Pass	
	1745	1	0	23.05	2.00	25.05	<=30	Pass	
			7	22.92	2.00	24.92	<=30	Pass	
			14	23.00	2.00	25.00	<=30	Pass	
		8	0	21.95	2.00	23.95	<=30	Pass	
			4	21.57	2.00	23.57	<=30	Pass	
			7	21.85	2.00	23.85	<=30	Pass	
	15	0	21.68	2.00	23.68	<=30	Pass		
	1778.5	1	0	22.53	2.00	24.53	<=30	Pass	
			7	22.97	2.00	24.97	<=30	Pass	
			14	22.44	2.00	24.44	<=30	Pass	
		8	0	21.53	2.00	23.53	<=30	Pass	
			4	21.50	2.00	23.50	<=30	Pass	
			7	21.53	2.00	23.53	<=30	Pass	
		15	0	21.73	2.00	23.73	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B66_5MHz_EIRP

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	22.94	2.00	24.94	<=30	Pass
			13	23.07	2.00	25.07	<=30	Pass
			24	23.20	2.00	25.20	<=30	Pass
		12	0	22.17	2.00	24.17	<=30	Pass
			6	22.26	2.00	24.26	<=30	Pass
			13	22.18	2.00	24.18	<=30	Pass

		25	0	22.21	2.00	24.21	<=30	Pass
	1745	1	0	23.32	2.00	25.32	<=30	Pass
			13	23.50	2.00	25.50	<=30	Pass
			24	23.52	2.00	25.52	<=30	Pass
			0	22.68	2.00	24.68	<=30	Pass
		12	6	22.66	2.00	24.66	<=30	Pass
			13	22.71	2.00	24.71	<=30	Pass
	25	0	22.69	2.00	24.69	<=30	Pass	
	1777.5	1	0	23.35	2.00	25.35	<=30	Pass
			13	23.60	2.00	25.60	<=30	Pass
			24	23.28	2.00	25.28	<=30	Pass
		12	0	22.58	2.00	24.58	<=30	Pass
			6	22.68	2.00	24.68	<=30	Pass
			13	22.61	2.00	24.61	<=30	Pass
		25	0	22.60	2.00	24.60	<=30	Pass
		16QAM	1712.5	1	0	21.51	2.00	23.51
13	21.83				2.00	23.83	<=30	Pass
24	21.86				2.00	23.86	<=30	Pass
12	0			21.20	2.00	23.20	<=30	Pass
	6			21.32	2.00	23.32	<=30	Pass
	13			21.30	2.00	23.30	<=30	Pass
25	0			21.23	2.00	23.23	<=30	Pass
1745	1		0	22.23	2.00	24.23	<=30	Pass
			13	23.17	2.00	25.17	<=30	Pass
			24	23.09	2.00	25.09	<=30	Pass
	12		0	21.58	2.00	23.58	<=30	Pass
			6	21.59	2.00	23.59	<=30	Pass
			13	21.64	2.00	23.64	<=30	Pass
25	0		21.76	2.00	23.76	<=30	Pass	
1777.5	1		0	22.40	2.00	24.40	<=30	Pass
			13	22.75	2.00	24.75	<=30	Pass
			24	22.45	2.00	24.45	<=30	Pass
	12		0	21.62	2.00	23.62	<=30	Pass
			6	21.55	2.00	23.55	<=30	Pass
			13	21.60	2.00	23.60	<=30	Pass
	25		0	21.70	2.00	23.70	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.26	2.00	25.26	<=30	Pass
			25	23.39	2.00	25.39	<=30	Pass
			49	23.46	2.00	25.46	<=30	Pass
		25	0	22.24	2.00	24.24	<=30	Pass
			13	22.42	2.00	24.42	<=30	Pass
			25	22.38	2.00	24.38	<=30	Pass
		50	0	22.41	2.00	24.41	<=30	Pass
	1745	1	0	23.56	2.00	25.56	<=30	Pass
			25	24.06	2.00	26.06	<=30	Pass
			49	23.81	2.00	25.81	<=30	Pass
		25	0	22.66	2.00	24.66	<=30	Pass
			13	22.70	2.00	24.70	<=30	Pass
			25	22.70	2.00	24.70	<=30	Pass
		50	0	22.76	2.00	24.76	<=30	Pass

	1775	1	0	23.64	2.00	25.64	<=30	Pass		
			25	23.60	2.00	25.60	<=30	Pass		
			49	23.57	2.00	25.57	<=30	Pass		
		25	0	22.68	2.00	24.68	<=30	Pass		
			13	22.62	2.00	24.62	<=30	Pass		
			25	22.65	2.00	24.65	<=30	Pass		
		50	0	22.61	2.00	24.61	<=30	Pass		
		16QAM	1715	1	0	22.59	2.00	24.59	<=30	Pass
					25	22.89	2.00	24.89	<=30	Pass
49	22.73				2.00	24.73	<=30	Pass		
25	0			21.32	2.00	23.32	<=30	Pass		
	13			21.51	2.00	23.51	<=30	Pass		
	25			21.55	2.00	23.55	<=30	Pass		
50	0			21.55	2.00	23.55	<=30	Pass		
1745	1			0	23.43	2.00	25.43	<=30	Pass	
				25	23.06	2.00	25.06	<=30	Pass	
			49	23.18	2.00	25.18	<=30	Pass		
	25		0	21.71	2.00	23.71	<=30	Pass		
			13	21.74	2.00	23.74	<=30	Pass		
			25	21.85	2.00	23.85	<=30	Pass		
	50		0	21.72	2.00	23.72	<=30	Pass		
	1775		1	0	22.78	2.00	24.78	<=30	Pass	
				25	22.29	2.00	24.29	<=30	Pass	
49				22.39	2.00	24.39	<=30	Pass		
25			0	21.65	2.00	23.65	<=30	Pass		
		13	21.59	2.00	23.59	<=30	Pass			
		25	21.84	2.00	23.84	<=30	Pass			
50		0	21.73	2.00	23.73	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.11	2.00	25.11	<=30	Pass
			38	23.56	2.00	25.56	<=30	Pass
			74	23.52	2.00	25.52	<=30	Pass
		36	0	22.26	2.00	24.26	<=30	Pass
			18	22.44	2.00	24.44	<=30	Pass
			39	22.41	2.00	24.41	<=30	Pass
		75	0	22.36	2.00	24.36	<=30	Pass
	1745	1	0	23.56	2.00	25.56	<=30	Pass
			38	23.70	2.00	25.70	<=30	Pass
			74	23.83	2.00	25.83	<=30	Pass
		36	0	22.77	2.00	24.77	<=30	Pass
			18	22.72	2.00	24.72	<=30	Pass
			39	22.72	2.00	24.72	<=30	Pass
		75	0	22.75	2.00	24.75	<=30	Pass
	1772.5	1	0	23.61	2.00	25.61	<=30	Pass
			38	23.45	2.00	25.45	<=30	Pass
			74	23.34	2.00	25.34	<=30	Pass
		36	0	22.65	2.00	24.65	<=30	Pass
			18	22.58	2.00	24.58	<=30	Pass
			39	22.61	2.00	24.61	<=30	Pass
		75	0	22.60	2.00	24.60	<=30	Pass
16QAM	1717.5	1	0	22.86	2.00	24.86	<=30	Pass

			38	22.79	2.00	24.79	<=30	Pass
			74	22.92	2.00	24.92	<=30	Pass
		36	0	21.39	2.00	23.39	<=30	Pass
			18	21.50	2.00	23.50	<=30	Pass
			39	21.54	2.00	23.54	<=30	Pass
		75	0	21.40	2.00	23.40	<=30	Pass
	1745	1	0	23.45	2.00	25.45	<=30	Pass
			38	23.80	2.00	25.80	<=30	Pass
			74	23.49	2.00	25.49	<=30	Pass
		36	0	21.74	2.00	23.74	<=30	Pass
			18	21.66	2.00	23.66	<=30	Pass
			39	21.76	2.00	23.76	<=30	Pass
	75	0	21.70	2.00	23.70	<=30	Pass	
	1772.5	1	0	23.00	2.00	25.00	<=30	Pass
			38	22.62	2.00	24.62	<=30	Pass
			74	22.25	2.00	24.25	<=30	Pass
		36	0	21.79	2.00	23.79	<=30	Pass
			18	21.70	2.00	23.70	<=30	Pass
			39	21.75	2.00	23.75	<=30	Pass
	75	0	21.75	2.00	23.75	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.00	2.00	25.00	<=30	Pass
			50	23.58	2.00	25.58	<=30	Pass
			99	23.15	2.00	25.15	<=30	Pass
		50	0	22.34	2.00	24.34	<=30	Pass
			25	22.37	2.00	24.37	<=30	Pass
			50	22.50	2.00	24.50	<=30	Pass
		100	0	22.39	2.00	24.39	<=30	Pass
	1745	1	0	23.77	2.00	25.77	<=30	Pass
			50	23.83	2.00	25.83	<=30	Pass
			99	23.77	2.00	25.77	<=30	Pass
		50	0	22.76	2.00	24.76	<=30	Pass
			25	22.71	2.00	24.71	<=30	Pass
			50	22.80	2.00	24.80	<=30	Pass
		100	0	22.70	2.00	24.70	<=30	Pass
	1770	1	0	23.75	2.00	25.75	<=30	Pass
			50	23.78	2.00	25.78	<=30	Pass
			99	23.45	2.00	25.45	<=30	Pass
		50	0	22.69	2.00	24.69	<=30	Pass
			25	22.69	2.00	24.69	<=30	Pass
			50	22.59	2.00	24.59	<=30	Pass
		100	0	22.61	2.00	24.61	<=30	Pass
16QAM	1720	1	0	22.23	2.00	24.23	<=30	Pass
			50	22.95	2.00	24.95	<=30	Pass
			99	22.85	2.00	24.85	<=30	Pass
		50	0	21.44	2.00	23.44	<=30	Pass
			25	21.47	2.00	23.47	<=30	Pass
			50	21.69	2.00	23.69	<=30	Pass
		100	0	21.57	2.00	23.57	<=30	Pass
	1745	1	0	22.78	2.00	24.78	<=30	Pass
			50	22.91	2.00	24.91	<=30	Pass

		50	99	22.38	2.00	24.38	<=30	Pass
			0	21.68	2.00	23.68	<=30	Pass
			25	21.82	2.00	23.82	<=30	Pass
			50	21.84	2.00	23.84	<=30	Pass
		100	0	21.56	2.00	23.56	<=30	Pass
	1770	1	0	23.58	2.00	25.58	<=30	Pass
			50	23.72	2.00	25.72	<=30	Pass
			99	23.45	2.00	25.45	<=30	Pass
		50	0	21.63	2.00	23.63	<=30	Pass
			25	21.63	2.00	23.63	<=30	Pass
			50	21.64	2.00	23.64	<=30	Pass
		100	0	21.63	2.00	23.63	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_20MHz

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	3.55	1.473	0.0009	/	Pass
					4	1.459	0.0008	/	Pass
					4.4	3.605	0.0021	/	Pass
				-30	4	3.505	0.0020	/	Pass
				-20	4	1.159	0.0007	/	Pass
				-10	4	1.988	0.0012	/	Pass
				0	4	2.675	0.0016	/	Pass
				10	4	2.360	0.0014	/	Pass
				30	4	1.817	0.0011	/	Pass
				40	4	0.844	0.0005	/	Pass
				50	4	1.431	0.0008	/	Pass
	1745	100	0	20	3.55	-2.847	-0.0016	/	Pass
					4	-3.490	-0.0020	/	Pass
					4.4	-3.004	-0.0017	/	Pass
				-30	4	-3.405	-0.0020	/	Pass
				-20	4	-2.232	-0.0013	/	Pass
				-10	4	-3.605	-0.0021	/	Pass
				0	4	-2.775	-0.0016	/	Pass
				10	4	-3.219	-0.0018	/	Pass
				30	4	-2.789	-0.0016	/	Pass
				40	4	-1.802	-0.0010	/	Pass
				50	4	-3.161	-0.0018	/	Pass
	1770	100	0	20	3.55	1.101	0.0006	/	Pass
					4	1.187	0.0007	/	Pass
					4.4	0.672	0.0004	/	Pass
				-30	4	1.502	0.0008	/	Pass
				-20	4	1.330	0.0008	/	Pass
				-10	4	1.903	0.0011	/	Pass
				0	4	1.545	0.0009	/	Pass
				10	4	1.187	0.0007	/	Pass
				30	4	1.345	0.0008	/	Pass
				40	4	1.616	0.0009	/	Pass
				50	4	1.674	0.0009	/	Pass
16QAM	1720	100	0	20	3.55	1.717	0.0010	/	Pass

					4	1.988	0.0012	/	Pass
					4.4	1.488	0.0009	/	Pass
				-30	4	1.330	0.0008	/	Pass
				-20	4	0.443	0.0003	/	Pass
				-10	4	1.488	0.0009	/	Pass
				0	4	1.159	0.0007	/	Pass
				10	4	0.544	0.0003	/	Pass
				30	4	3.190	0.0019	/	Pass
				40	4	2.031	0.0012	/	Pass
				50	4	2.389	0.0014	/	Pass
	1745	100	0	20	3.55	-3.018	-0.0017	/	Pass
					4	-3.104	-0.0018	/	Pass
					4.4	-3.433	-0.0020	/	Pass
				-30	4	-3.018	-0.0017	/	Pass
				-20	4	-2.546	-0.0015	/	Pass
				-10	4	-3.276	-0.0019	/	Pass
				0	4	-2.103	-0.0012	/	Pass
				10	4	-1.717	-0.0010	/	Pass
				30	4	-2.060	-0.0012	/	Pass
				40	4	-2.804	-0.0016	/	Pass
				50	4	-1.860	-0.0011	/	Pass
	1770	100	0	20	3.55	0.644	0.0004	/	Pass
					4	1.245	0.0007	/	Pass
					4.4	2.017	0.0011	/	Pass
				-30	4	0.730	0.0004	/	Pass
				-20	4	-0.372	-0.0002	/	Pass
				-10	4	1.216	0.0007	/	Pass
				0	4	0.744	0.0004	/	Pass
				10	4	1.044	0.0006	/	Pass
				30	4	0.401	0.0002	/	Pass
				40	4	0.744	0.0004	/	Pass
				50	4	-0.286	-0.0002	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

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	1.110	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.107	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.114	/	Pass
3	QPSK	1711.5	15	0	2.746	/	Pass
		1745	15	0	2.742	/	Pass
		1778.5	15	0	2.733	/	Pass
	16QAM	1711.5	15	0	2.736	/	Pass
		1745	15	0	2.739	/	Pass
		1778.5	15	0	2.729	/	Pass
5	QPSK	1712.5	25	0	4.563	/	Pass
		1745	25	0	4.540	/	Pass
		1777.5	25	0	4.546	/	Pass
	16QAM	1712.5	25	0	4.520	/	Pass
		1745	25	0	4.573	/	Pass
		1777.5	25	0	4.564	/	Pass
10	QPSK	1715	50	0	9.042	/	Pass
		1745	50	0	9.041	/	Pass
		1775	50	0	9.042	/	Pass
	16QAM	1715	50	0	9.034	/	Pass
		1745	50	0	9.010	/	Pass
		1775	50	0	9.022	/	Pass
15	QPSK	1717.5	75	0	13.523	/	Pass
		1745	75	0	13.475	/	Pass
		1772.5	75	0	13.559	/	Pass
	16QAM	1717.5	75	0	13.550	/	Pass
		1745	75	0	13.488	/	Pass
		1772.5	75	0	13.530	/	Pass
20	QPSK	1720	100	0	18.001	/	Pass
		1745	100	0	17.967	/	Pass
		1770	100	0	18.092	/	Pass
	16QAM	1720	100	0	18.099	/	Pass
		1745	100	0	17.977	/	Pass
		1770	100	0	18.089	/	Pass

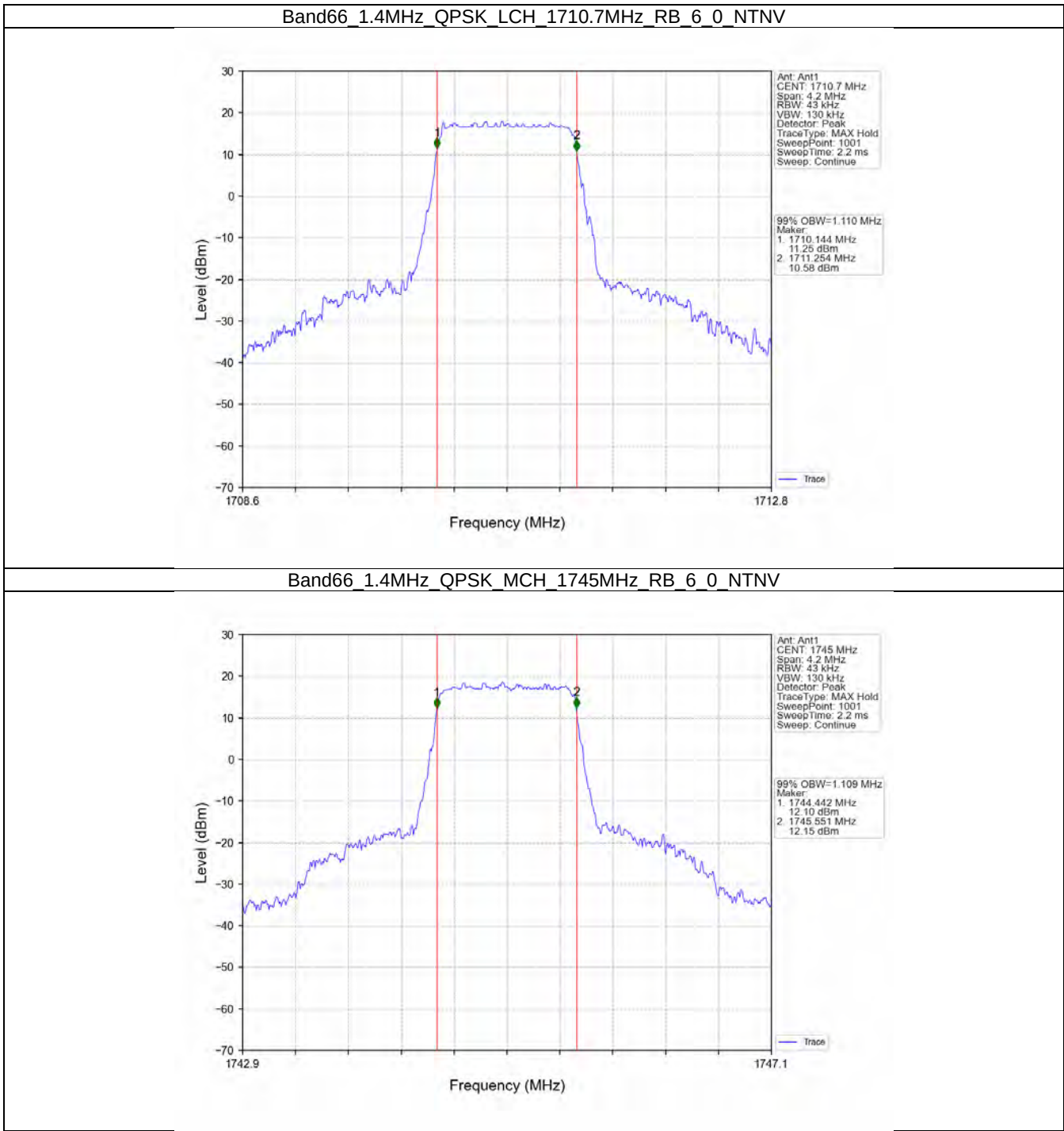
3.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.334	/	Pass
		1745	6	0	1.316	/	Pass
		1779.3	6	0	1.320	/	Pass

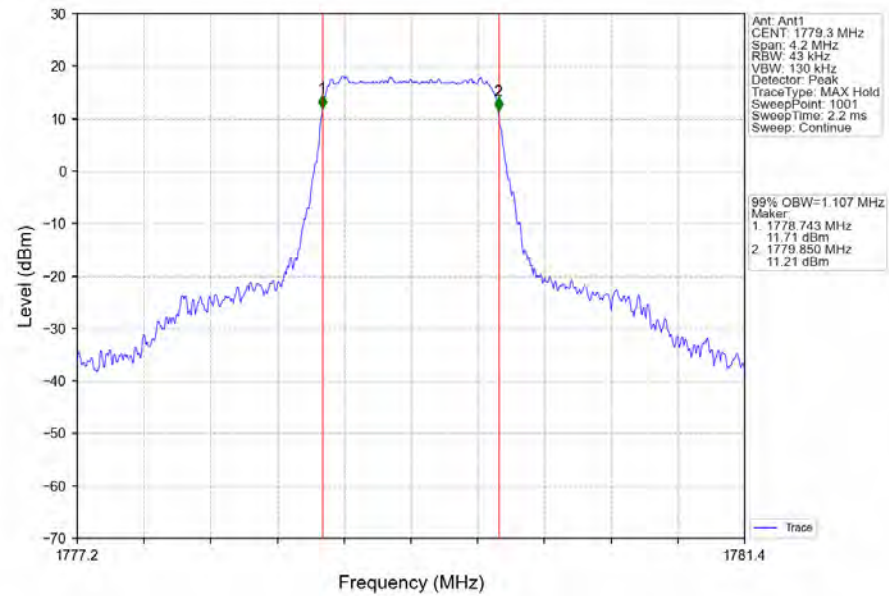
	16QAM	1710.7	6	0	1.318	/	Pass
		1745	6	0	1.314	/	Pass
		1779.3	6	0	1.318	/	Pass
3	QPSK	1711.5	15	0	3.061	/	Pass
		1745	15	0	3.047	/	Pass
		1778.5	15	0	3.036	/	Pass
	16QAM	1711.5	15	0	3.061	/	Pass
		1745	15	0	3.034	/	Pass
		1778.5	15	0	3.034	/	Pass
5	QPSK	1712.5	25	0	5.100	/	Pass
		1745	25	0	5.071	/	Pass
		1777.5	25	0	5.082	/	Pass
	16QAM	1712.5	25	0	5.096	/	Pass
		1745	25	0	5.047	/	Pass
		1777.5	25	0	5.114	/	Pass
10	QPSK	1715	50	0	10.011	/	Pass
		1745	50	0	10.009	/	Pass
		1775	50	0	9.973	/	Pass
	16QAM	1715	50	0	10.045	/	Pass
		1745	50	0	10.008	/	Pass
		1775	50	0	10.046	/	Pass
15	QPSK	1717.5	75	0	15.003	/	Pass
		1745	75	0	14.871	/	Pass
		1772.5	75	0	14.903	/	Pass
	16QAM	1717.5	75	0	14.902	/	Pass
		1745	75	0	14.913	/	Pass
		1772.5	75	0	15.023	/	Pass
20	QPSK	1720	100	0	19.773	/	Pass
		1745	100	0	19.784	/	Pass
		1770	100	0	19.939	/	Pass
	16QAM	1720	100	0	19.703	/	Pass
		1745	100	0	19.706	/	Pass
		1770	100	0	19.772	/	Pass

4.2 Test Graph

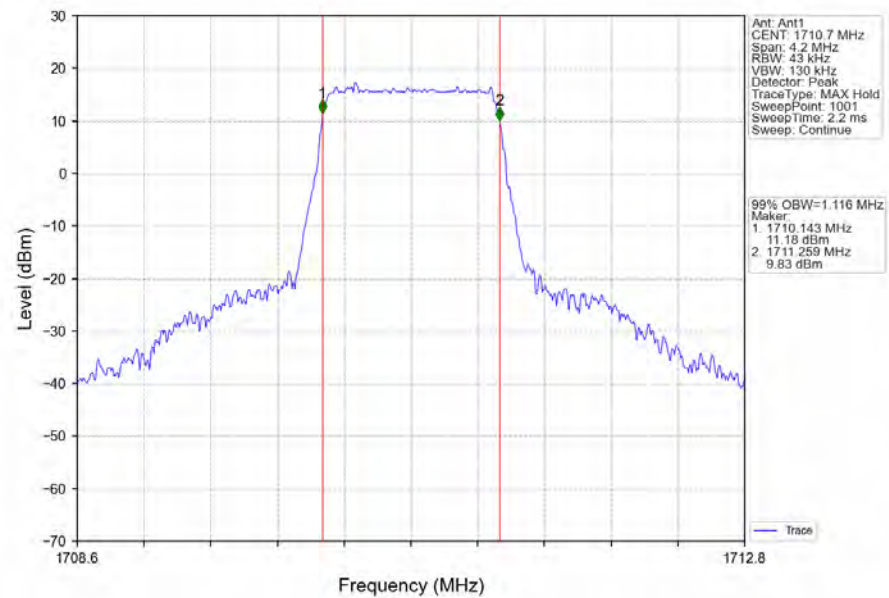
4.2.1 Band66_OBW



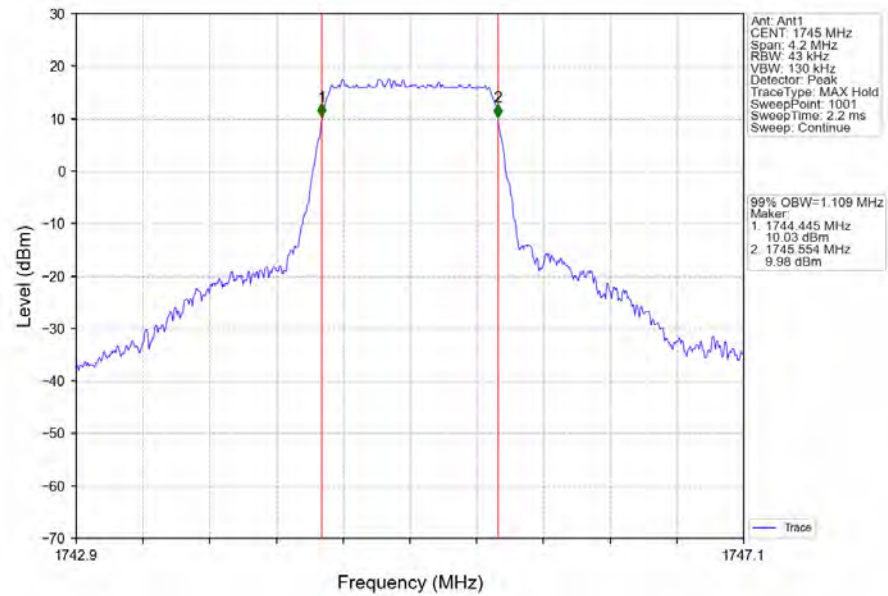
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



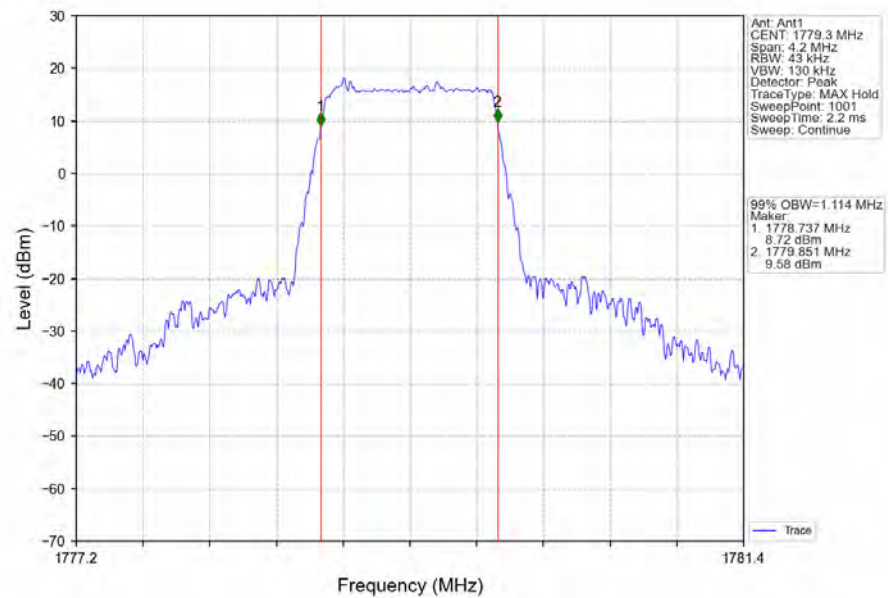
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



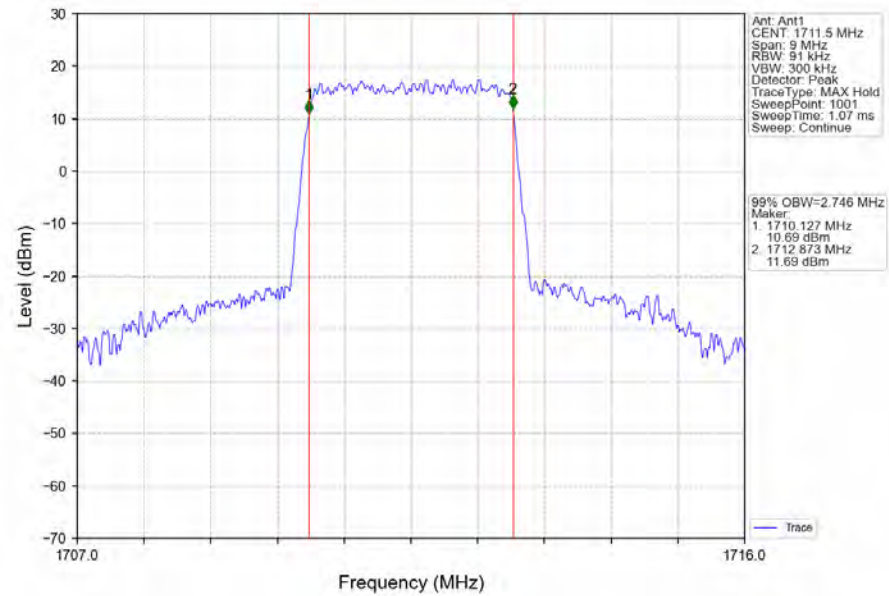
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



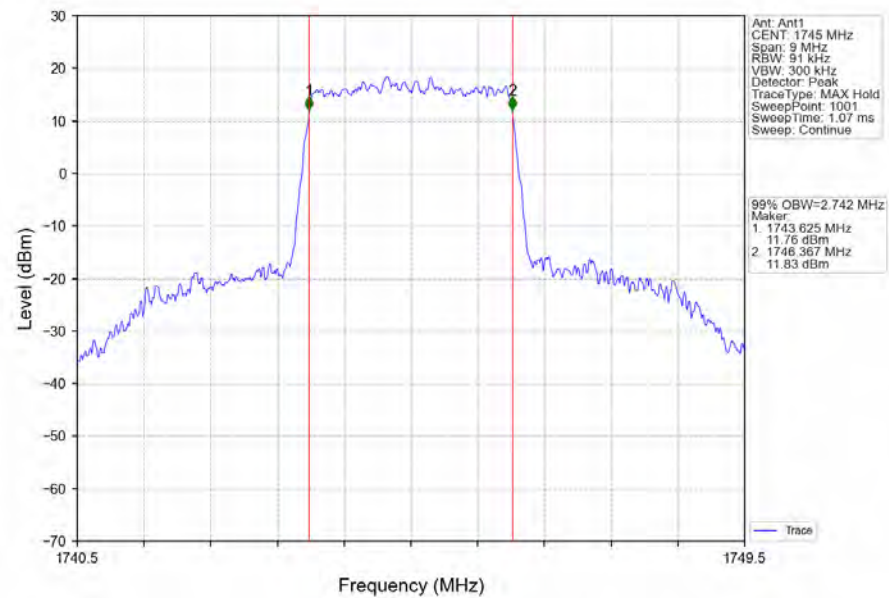
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



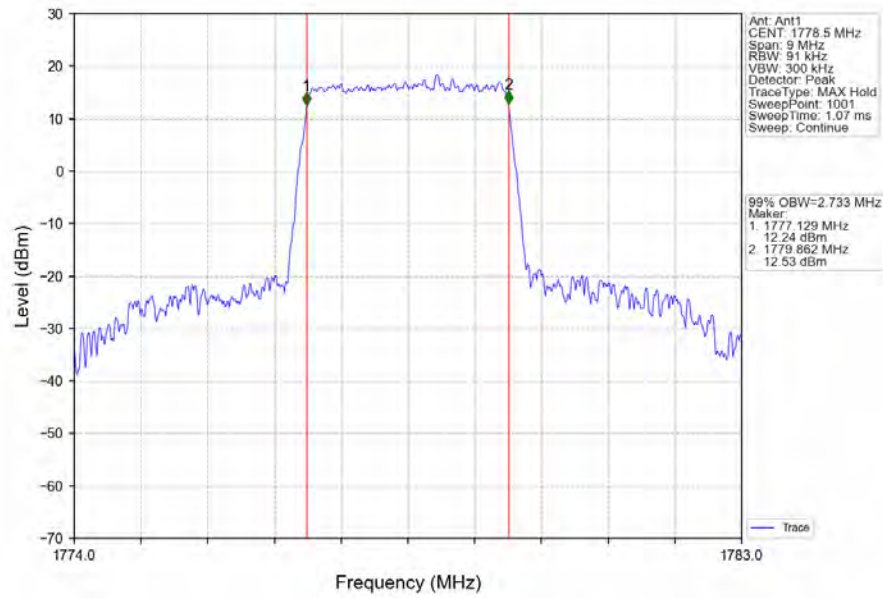
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



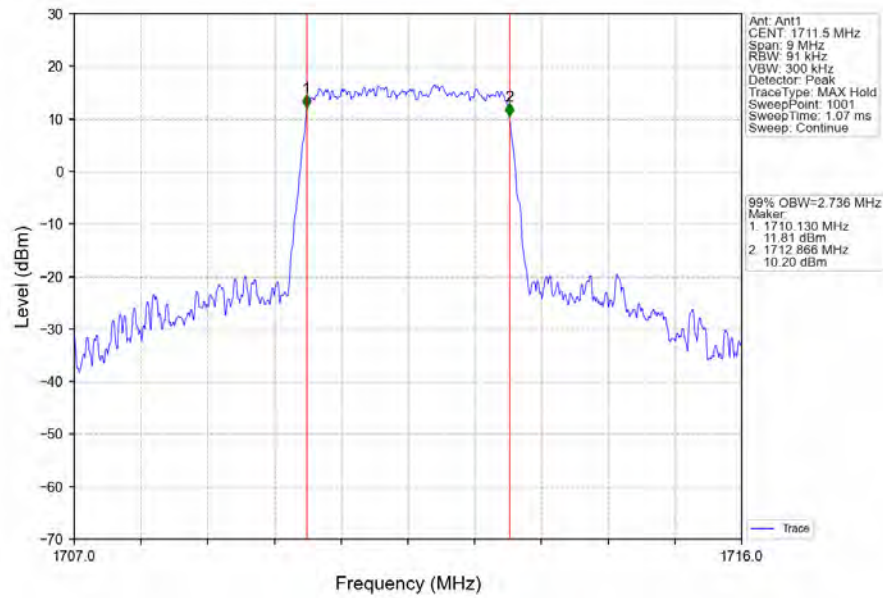
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



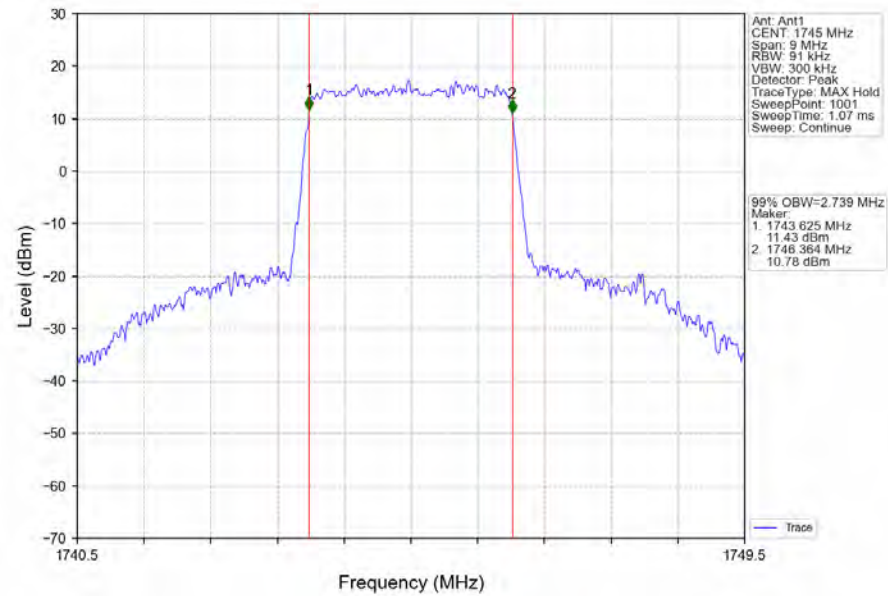
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



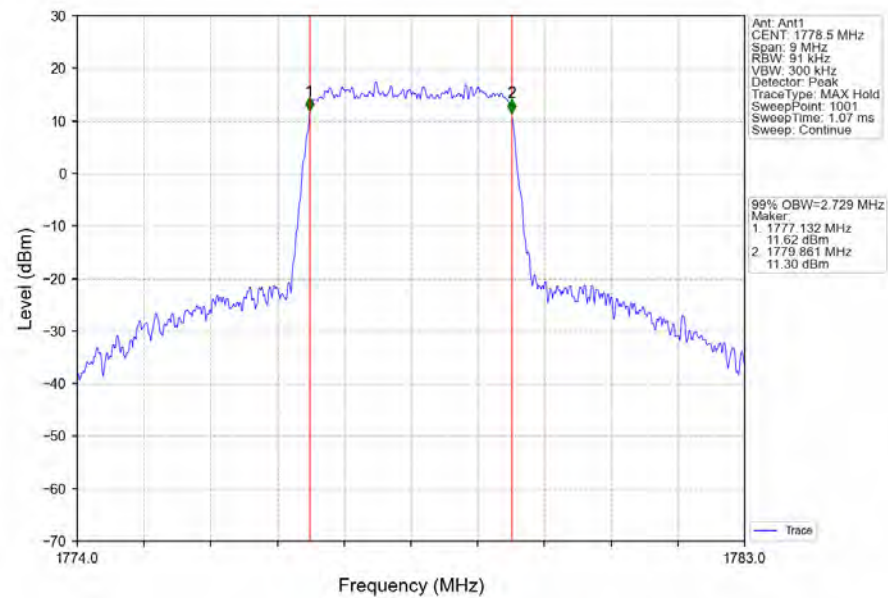
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



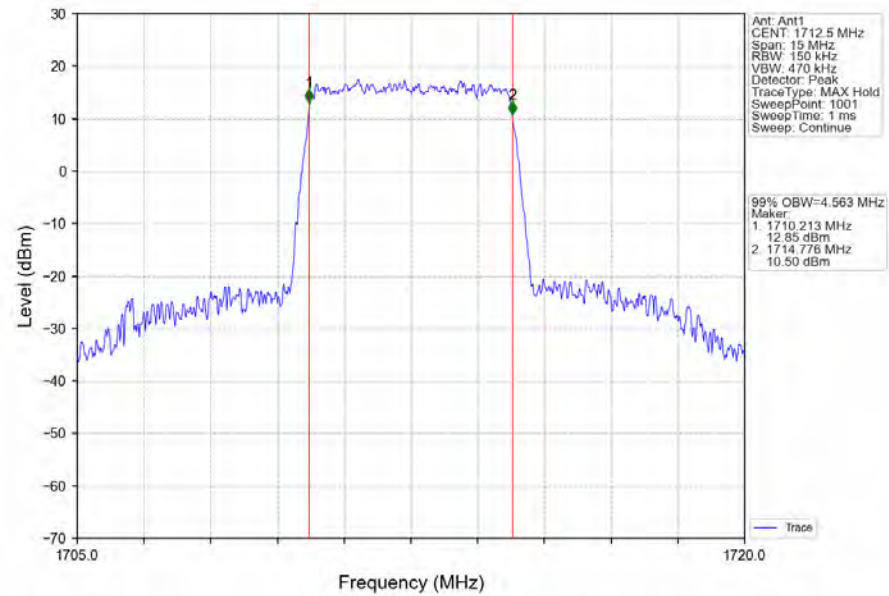
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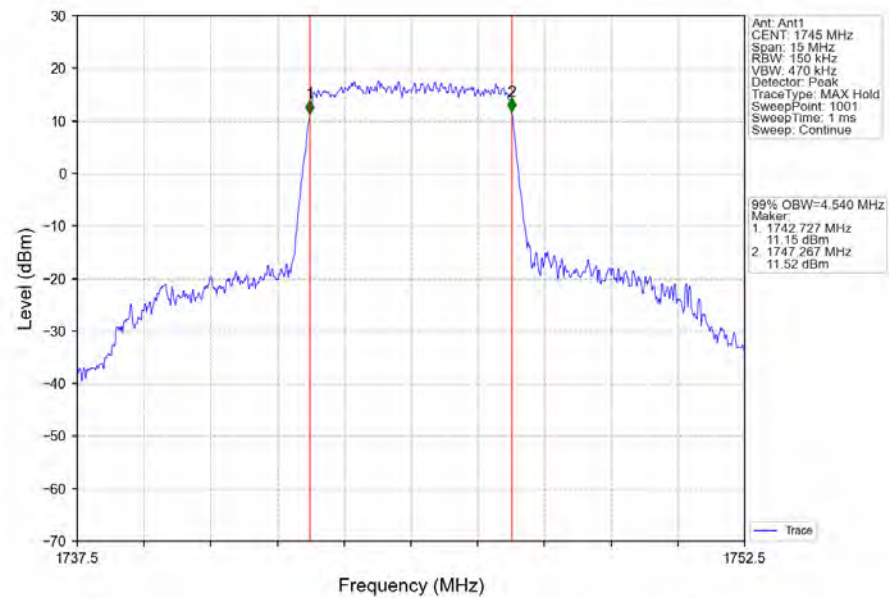
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



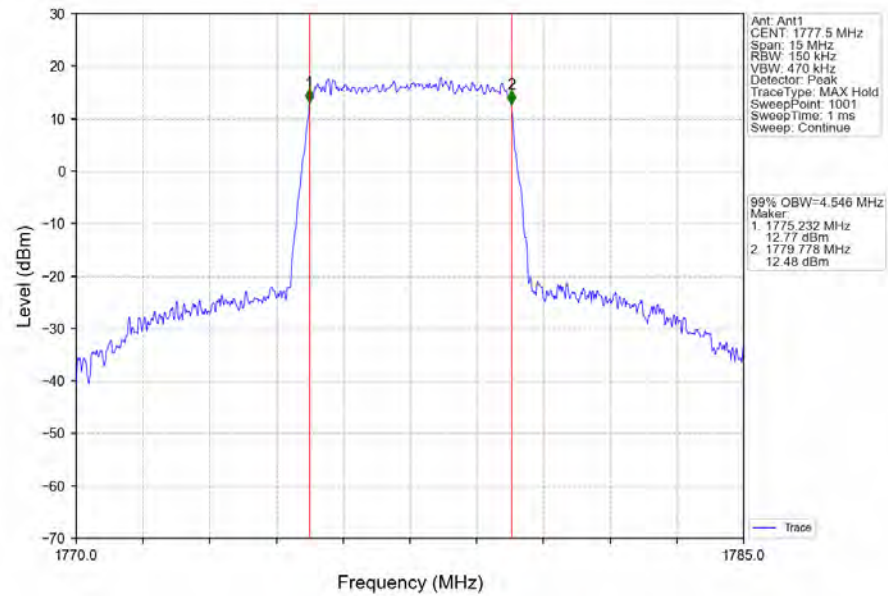
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



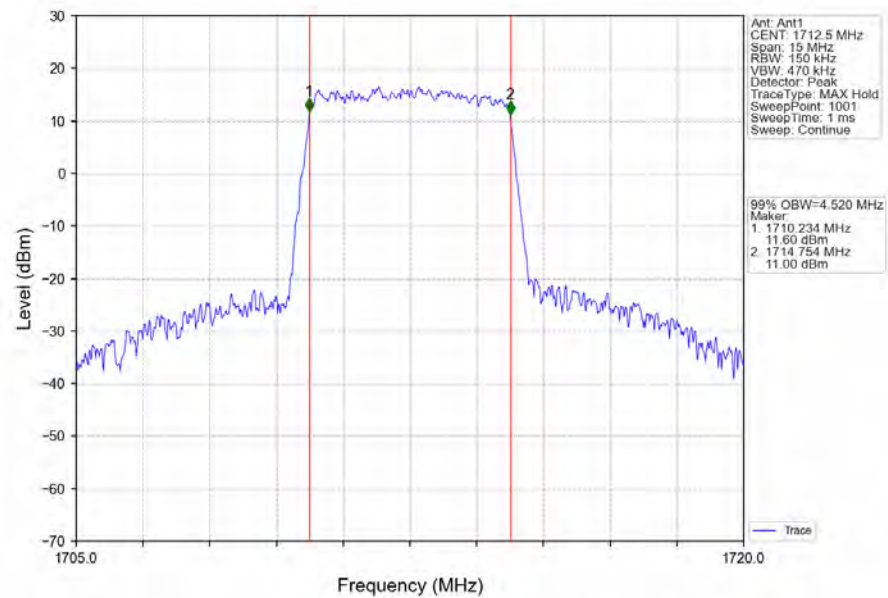
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



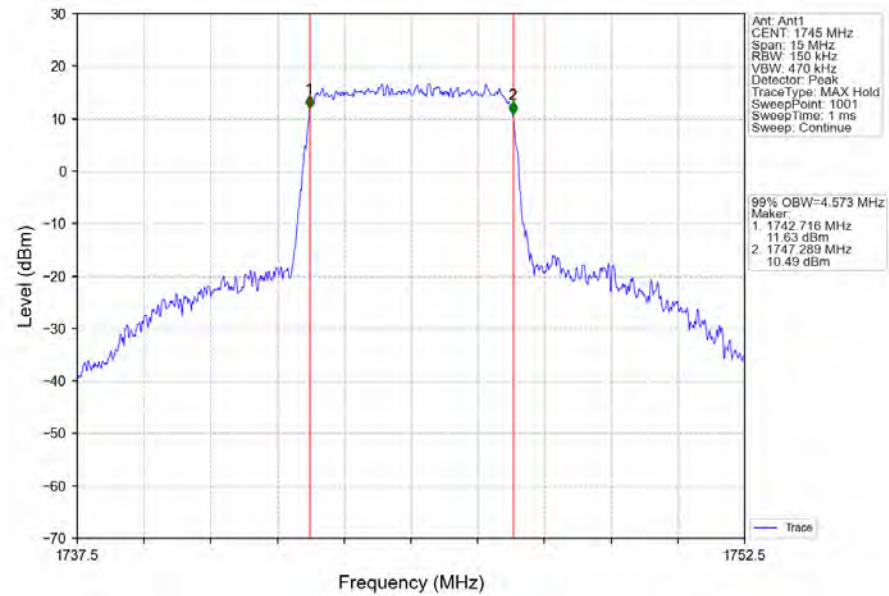
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



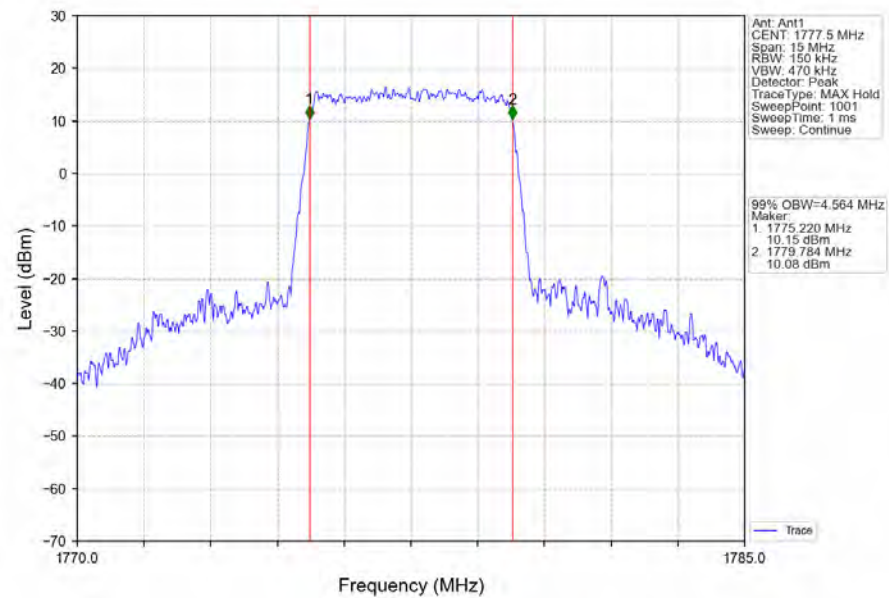
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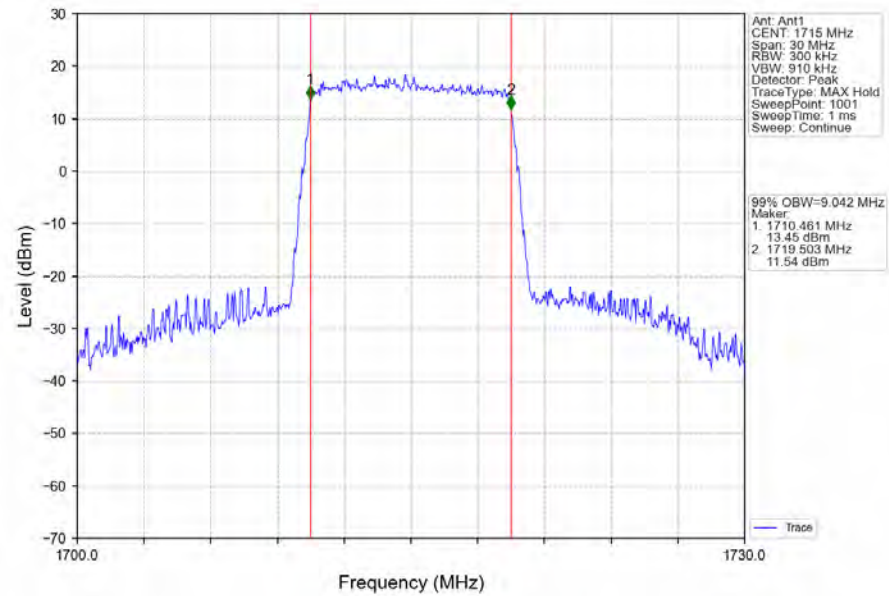
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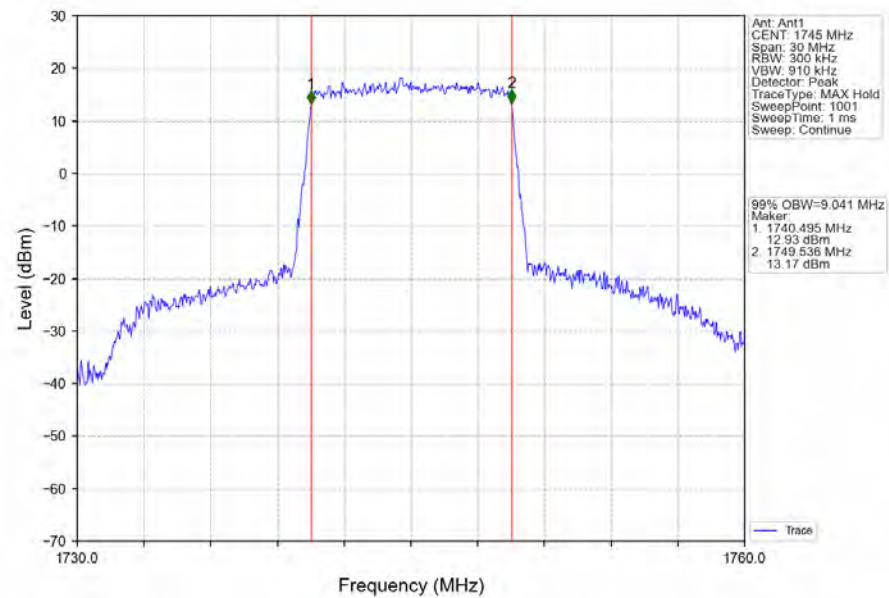
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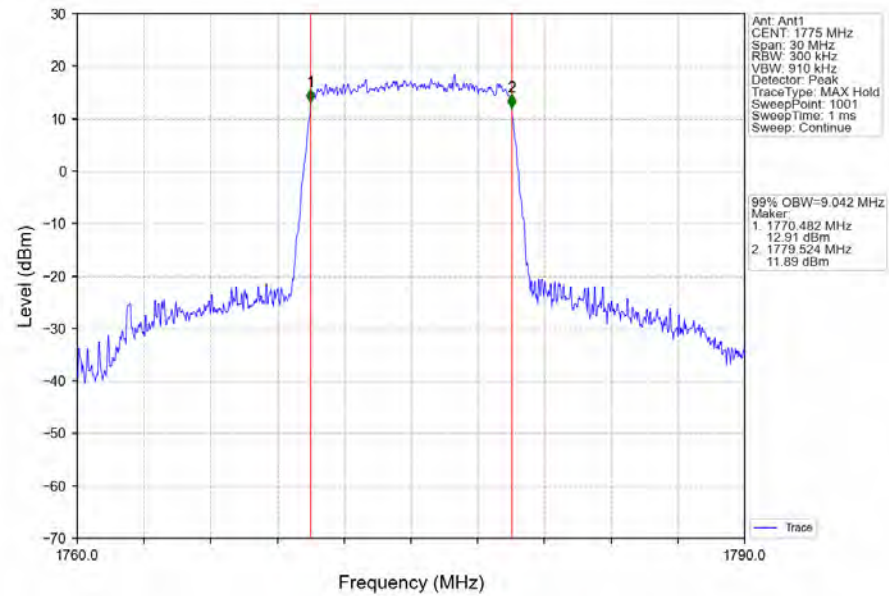
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



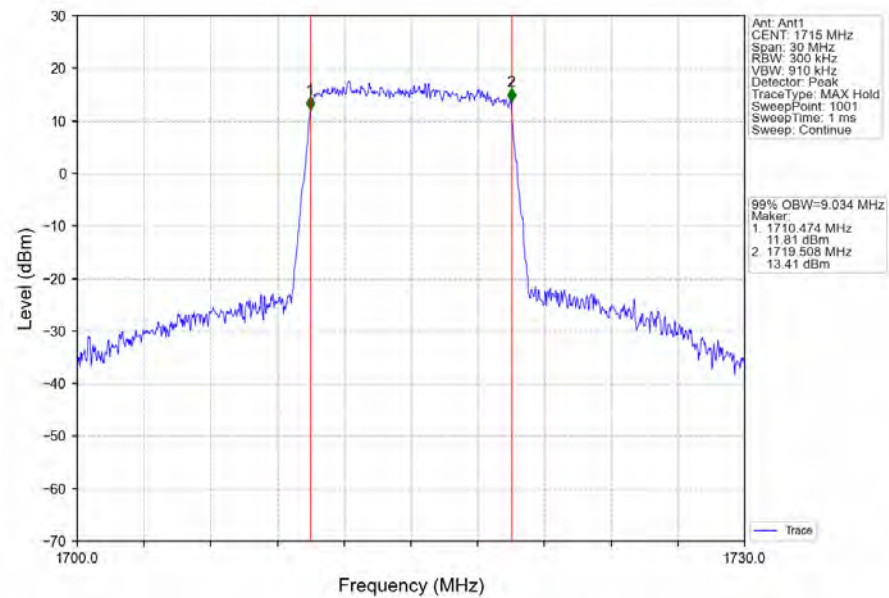
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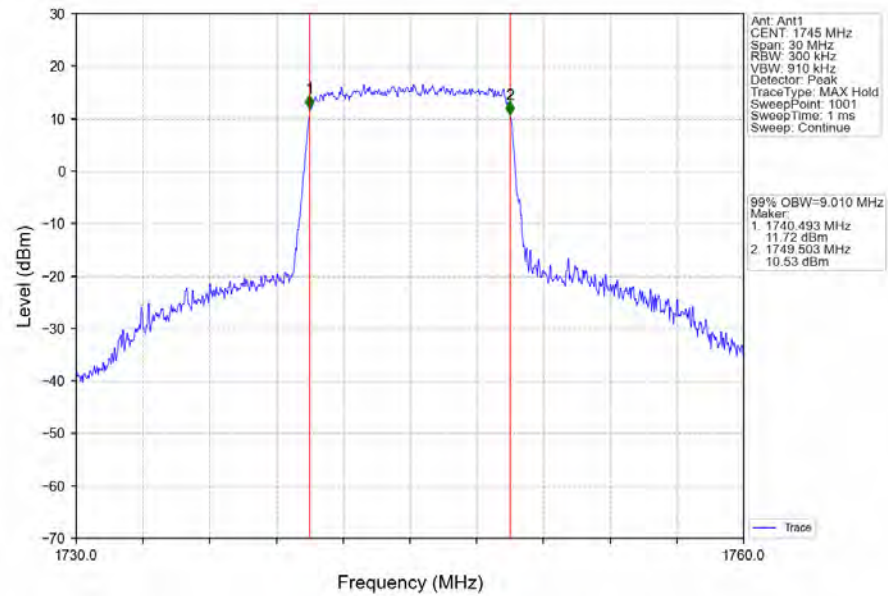
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



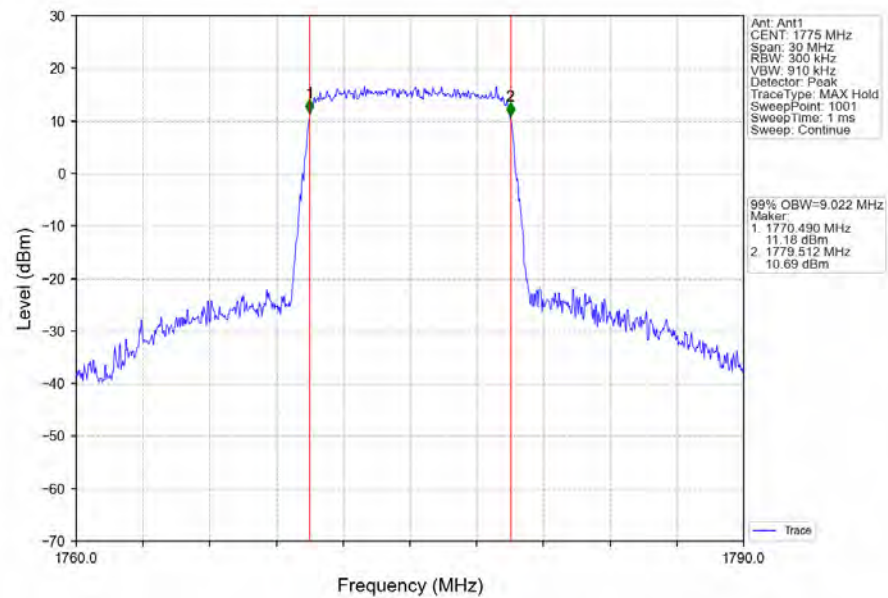
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



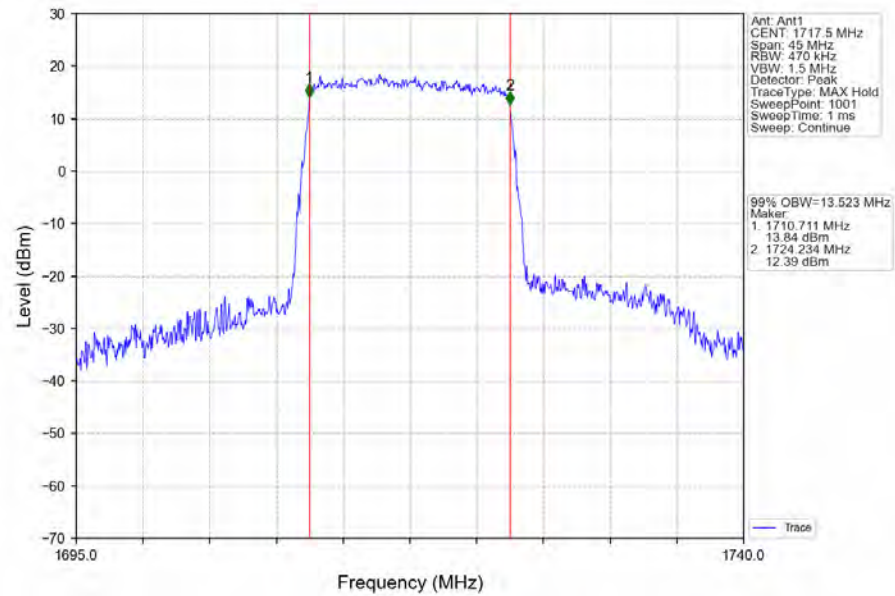
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



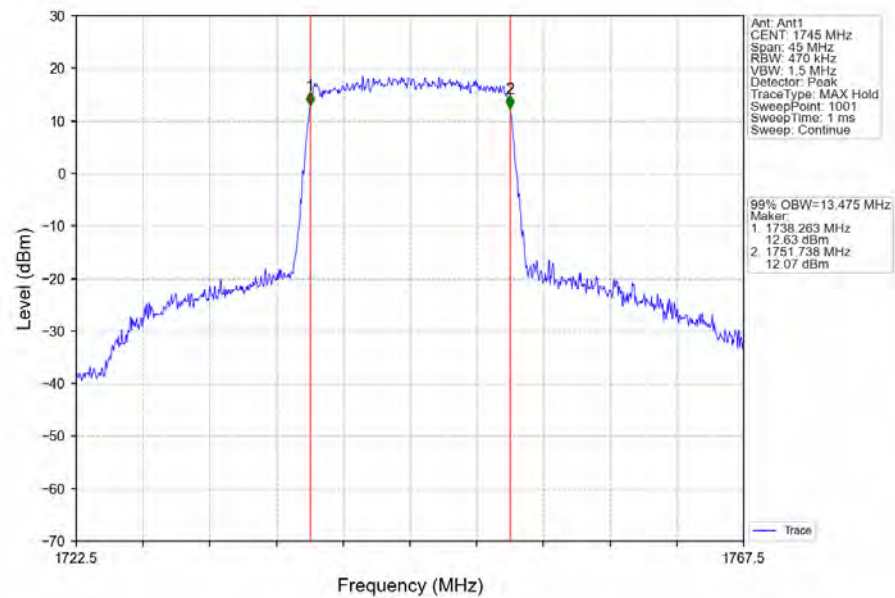
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



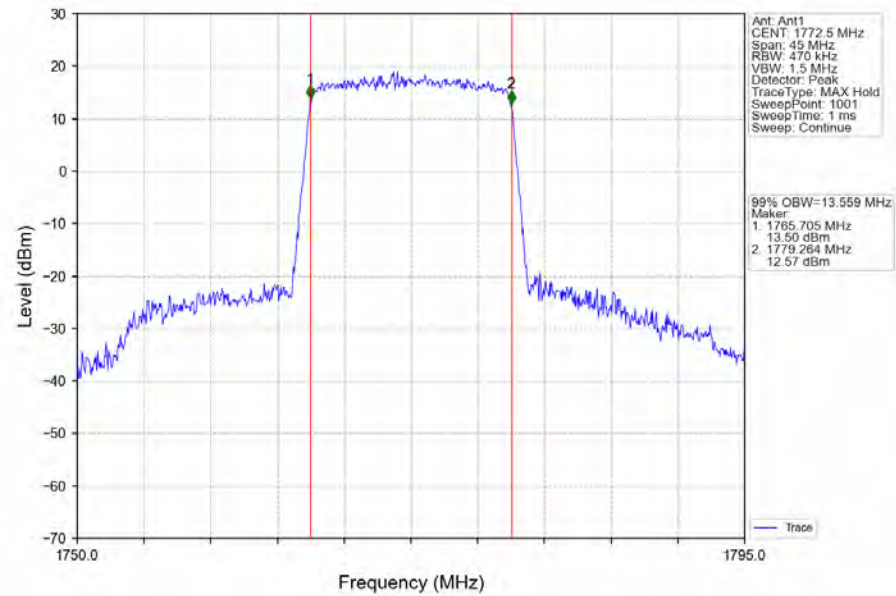
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



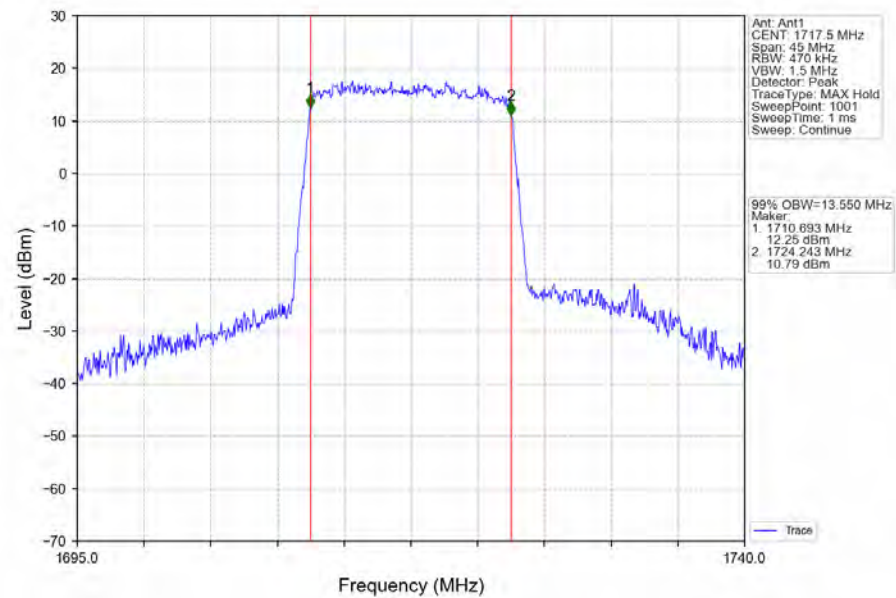
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



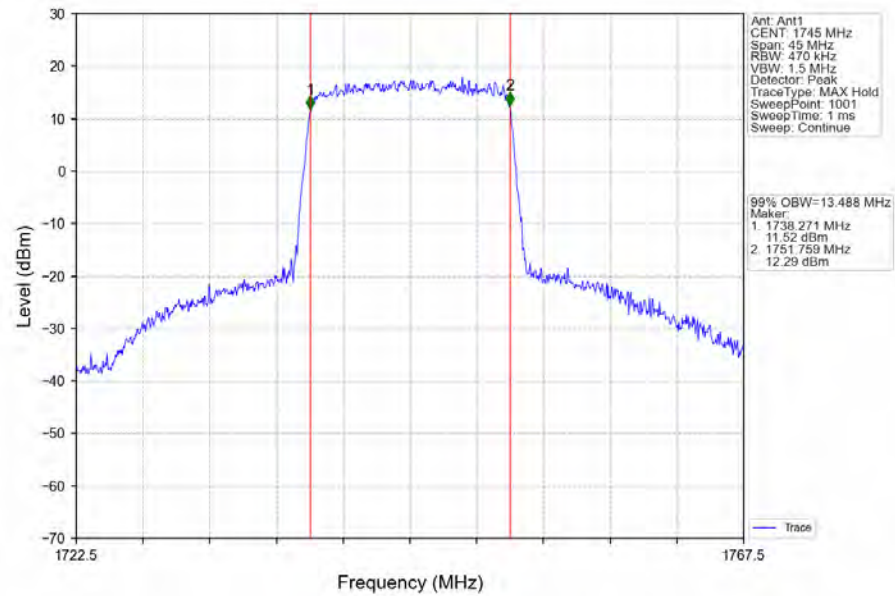
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



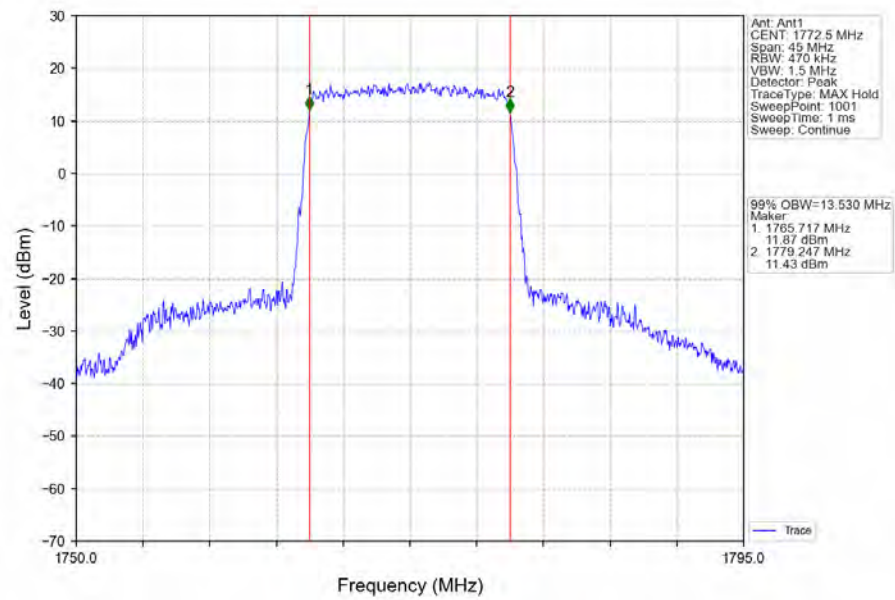
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



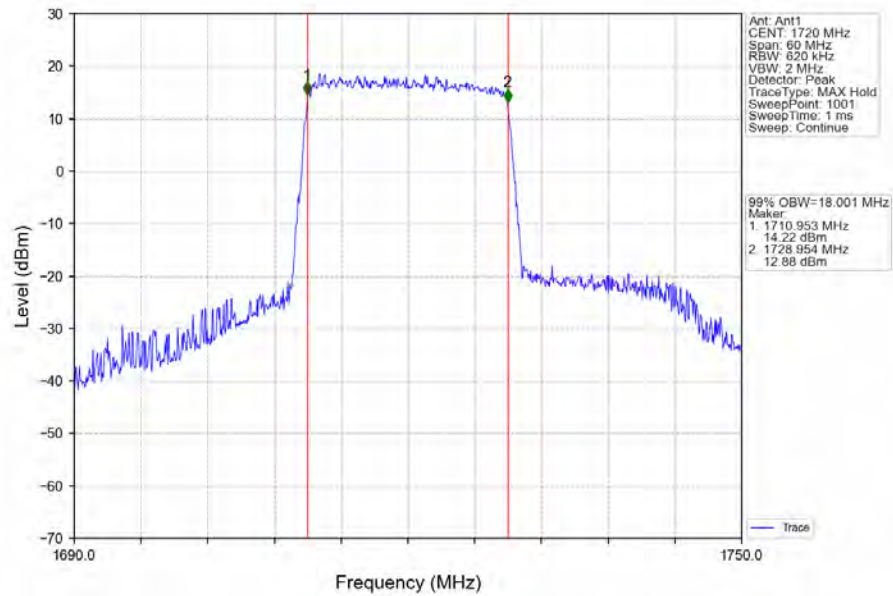
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



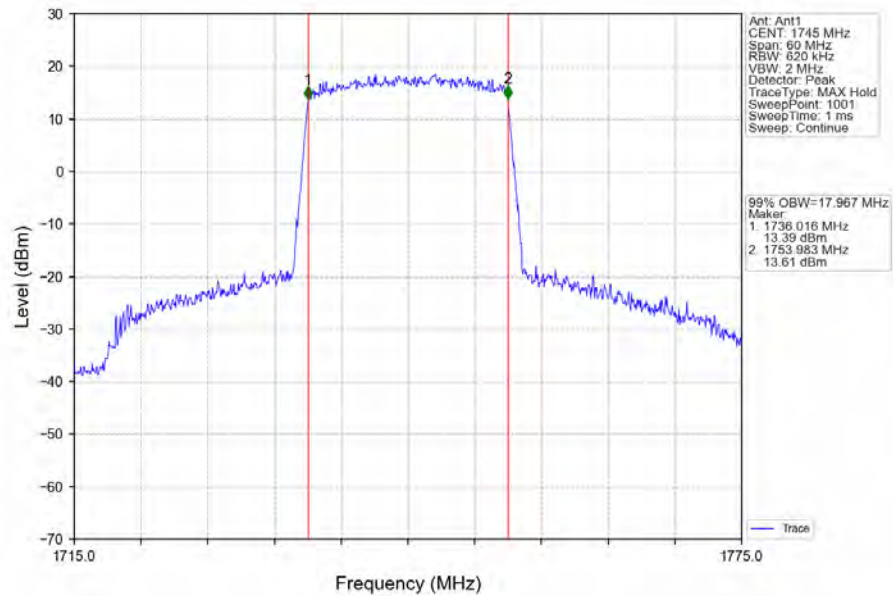
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



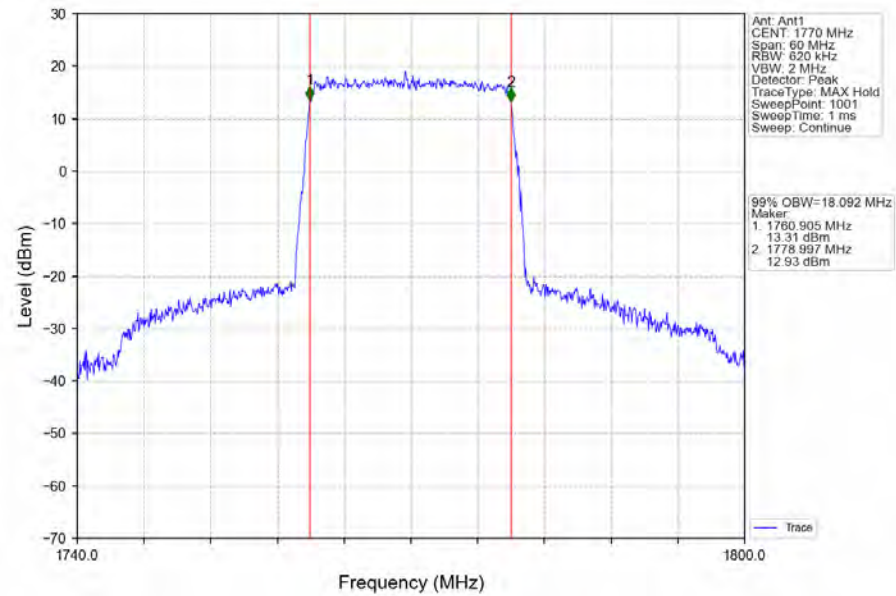
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



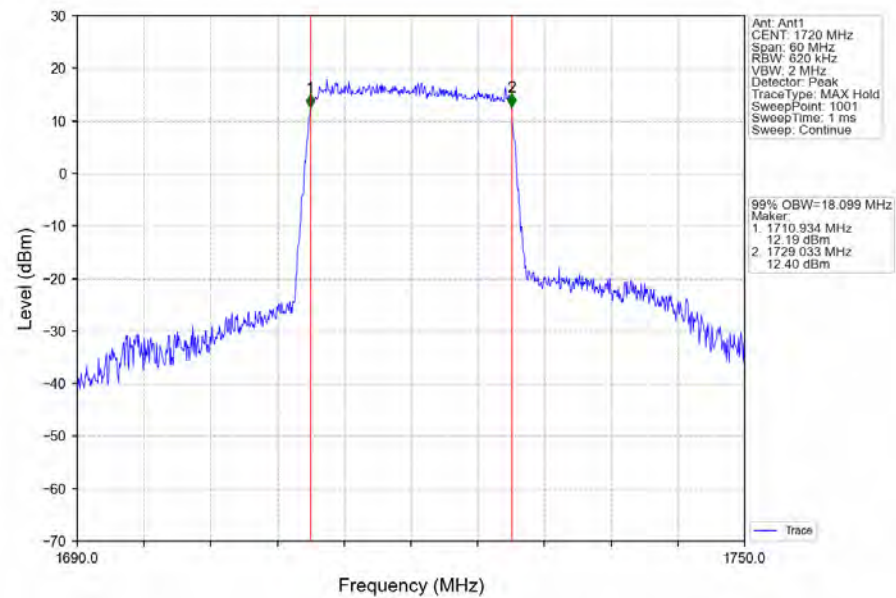
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



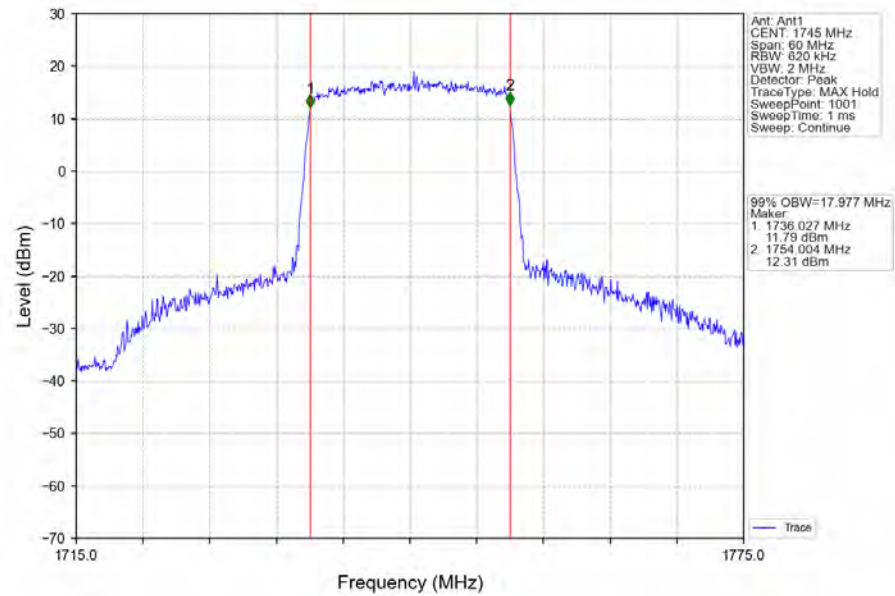
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



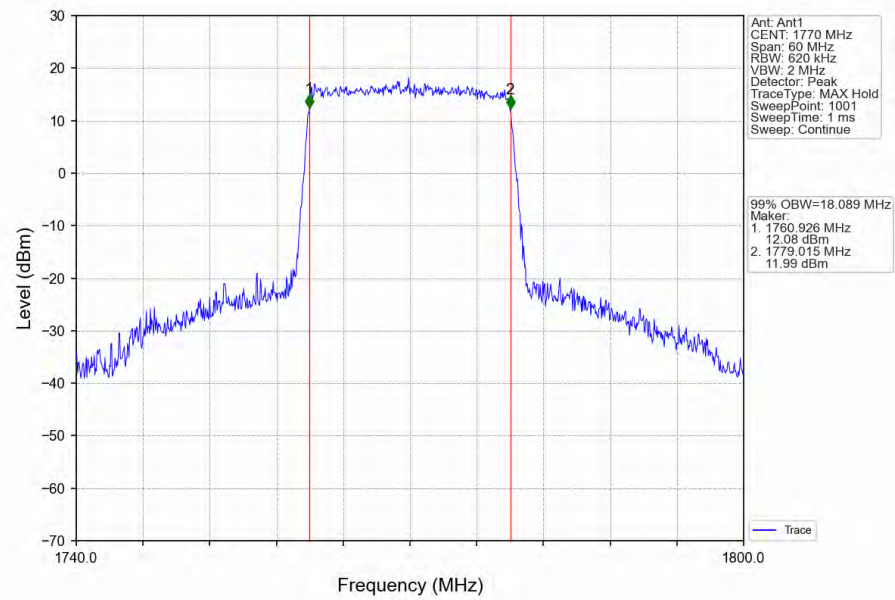
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



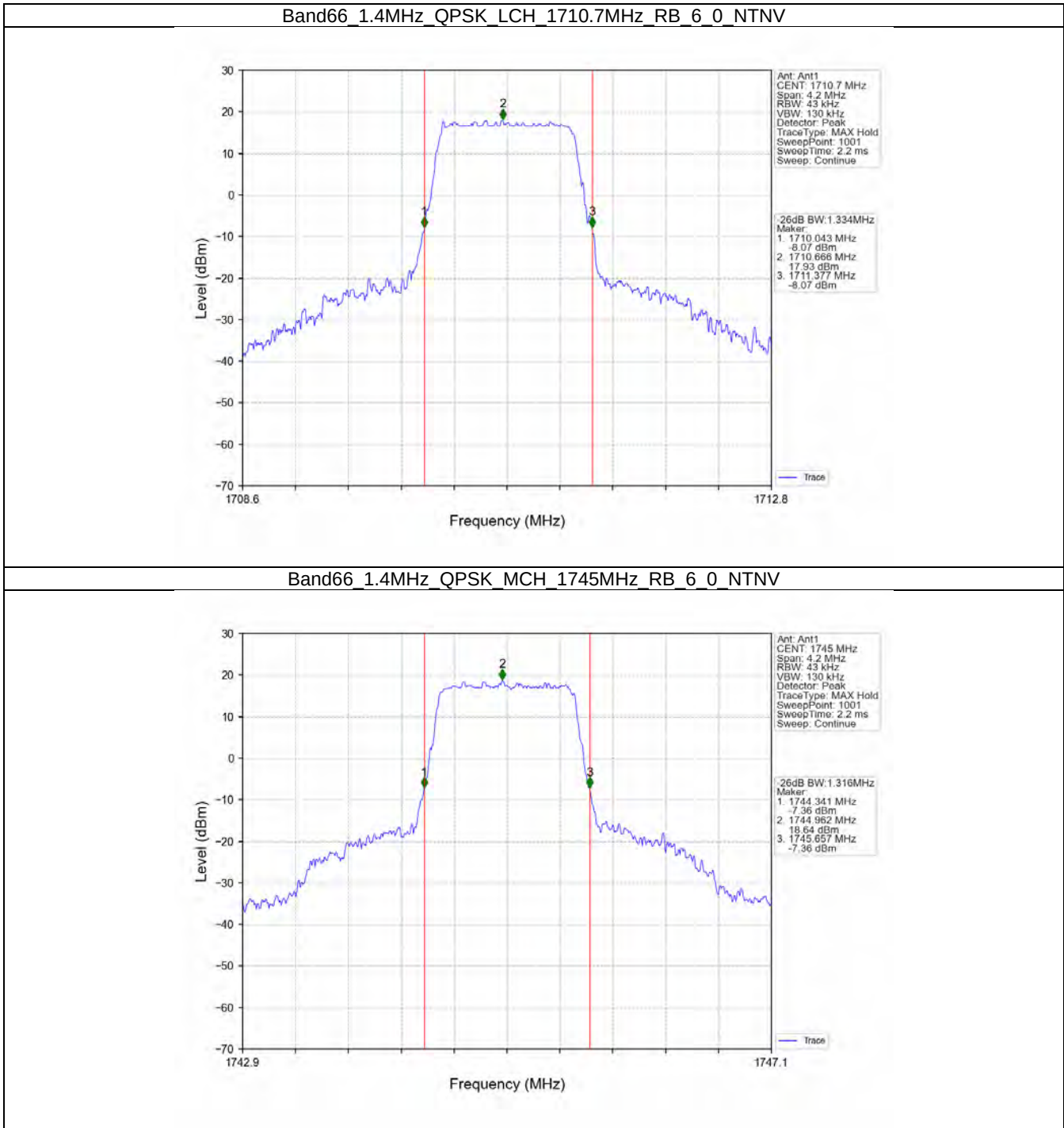
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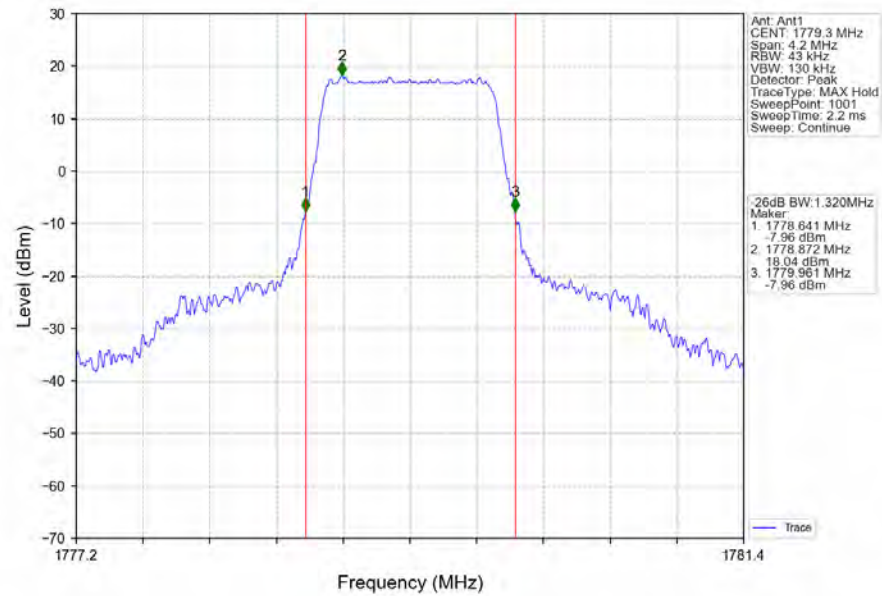
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



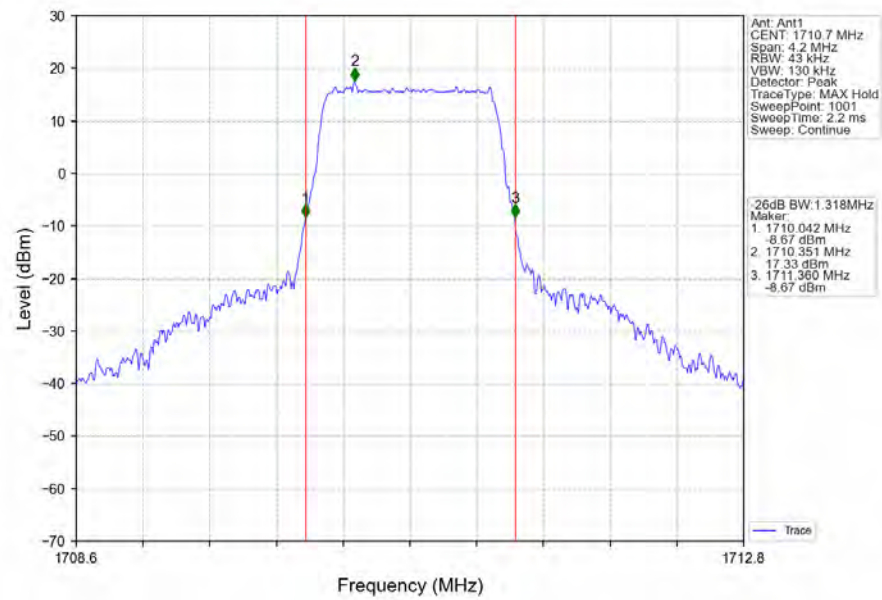
4.2.2 Band66_XDB



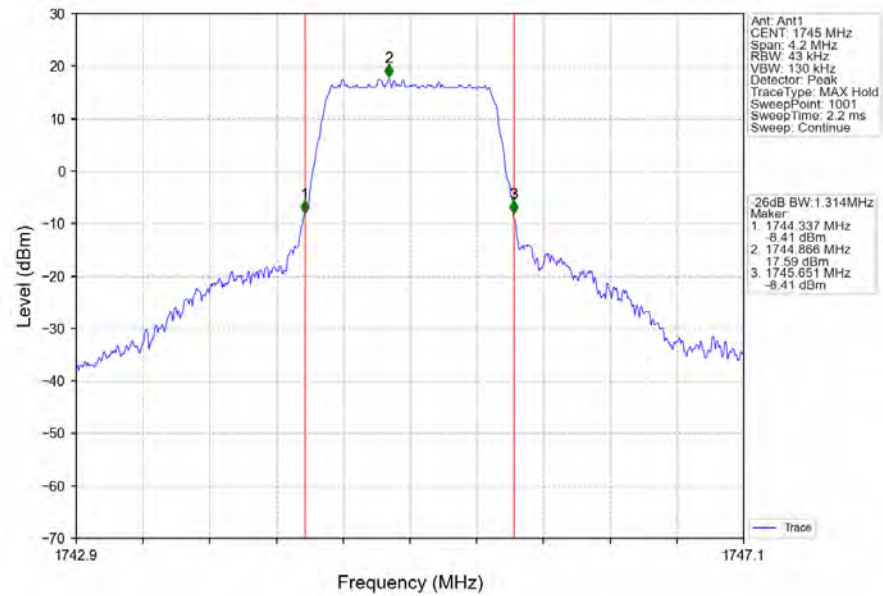
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



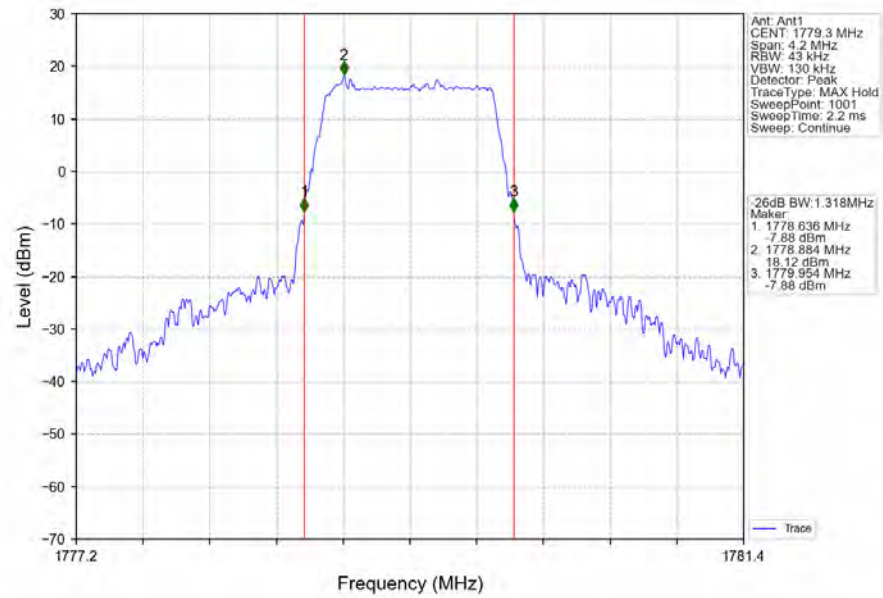
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



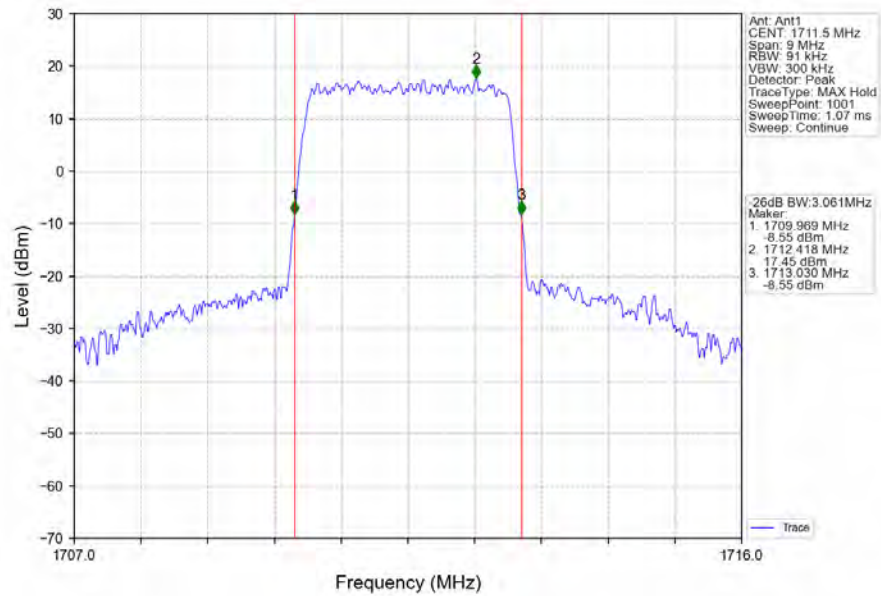
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



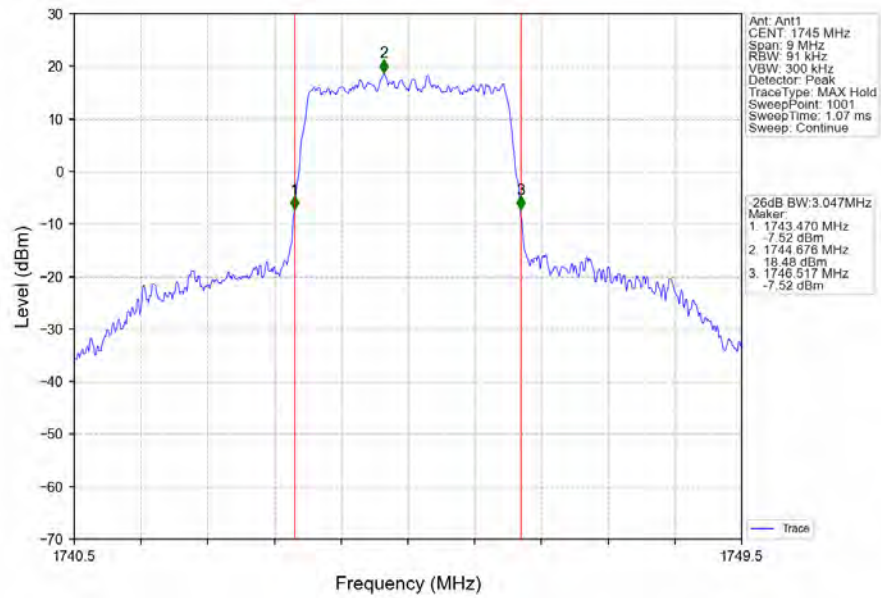
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



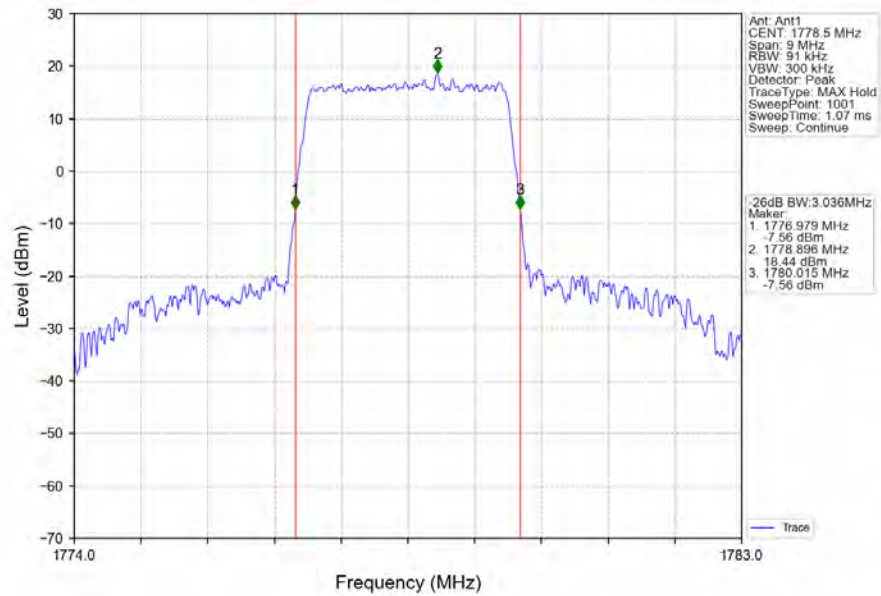
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



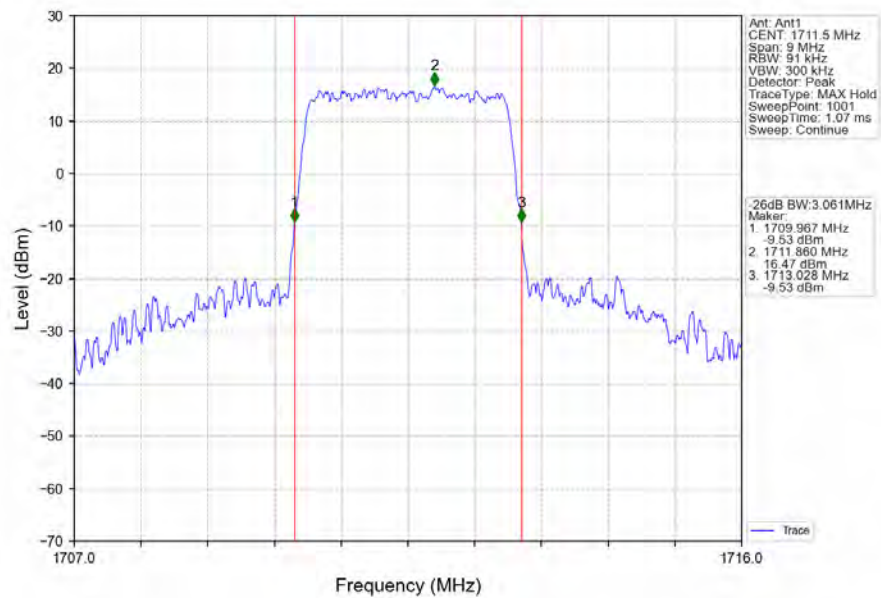
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



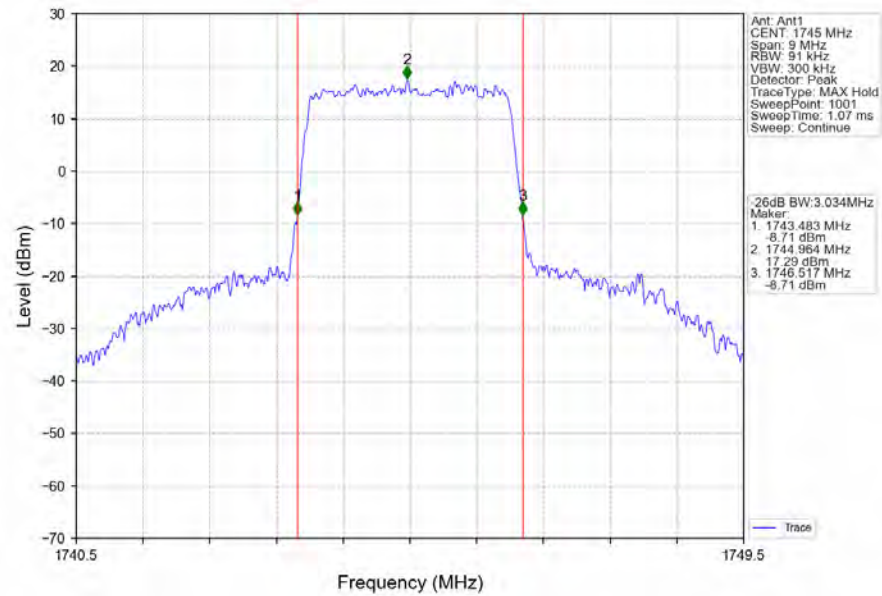
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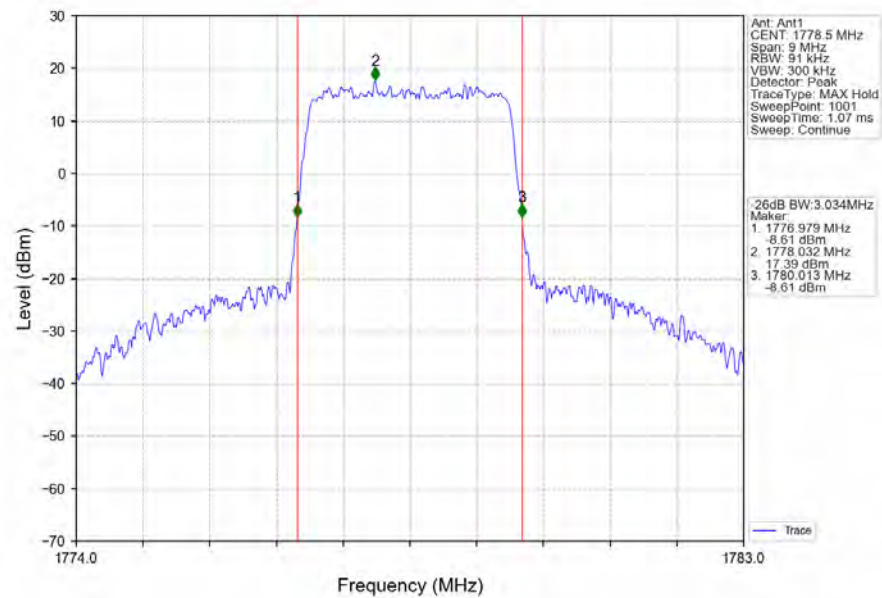
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



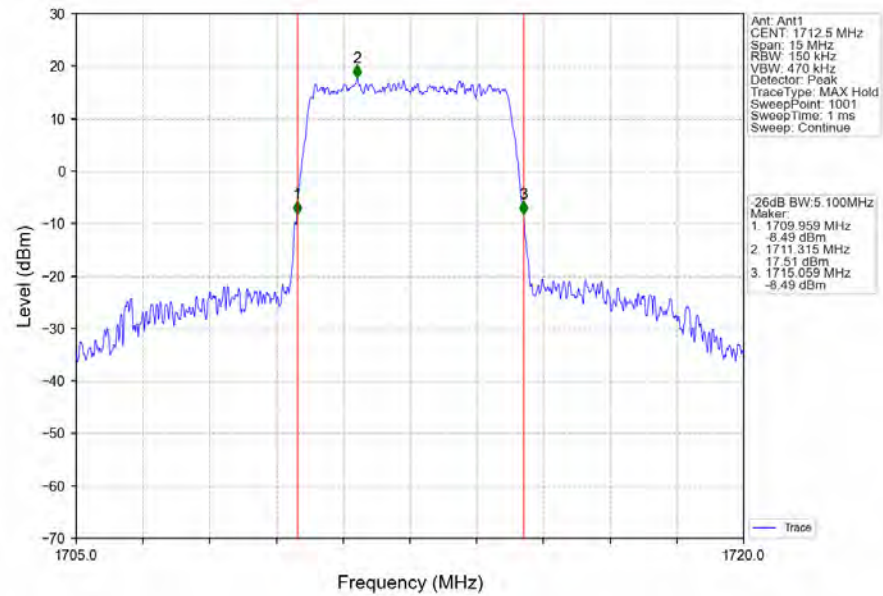
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



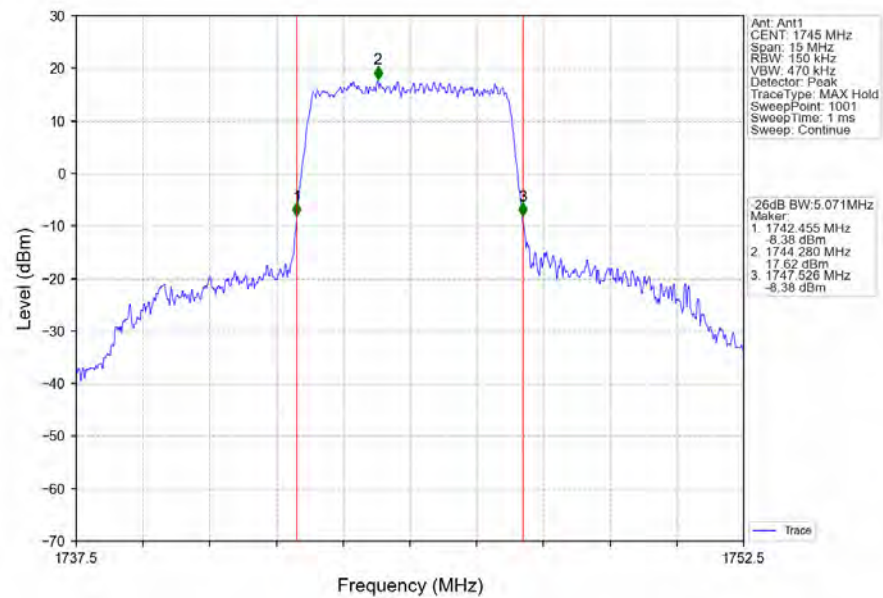
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



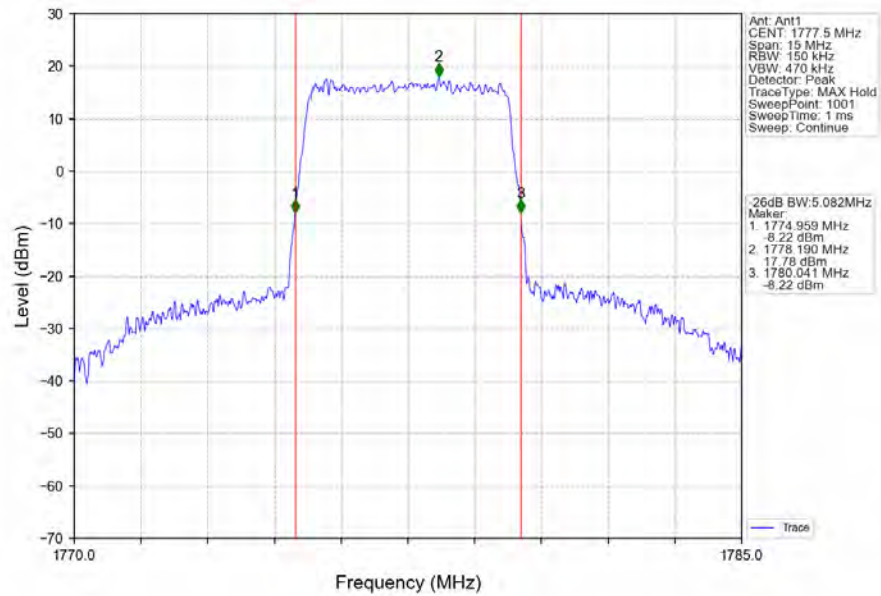
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



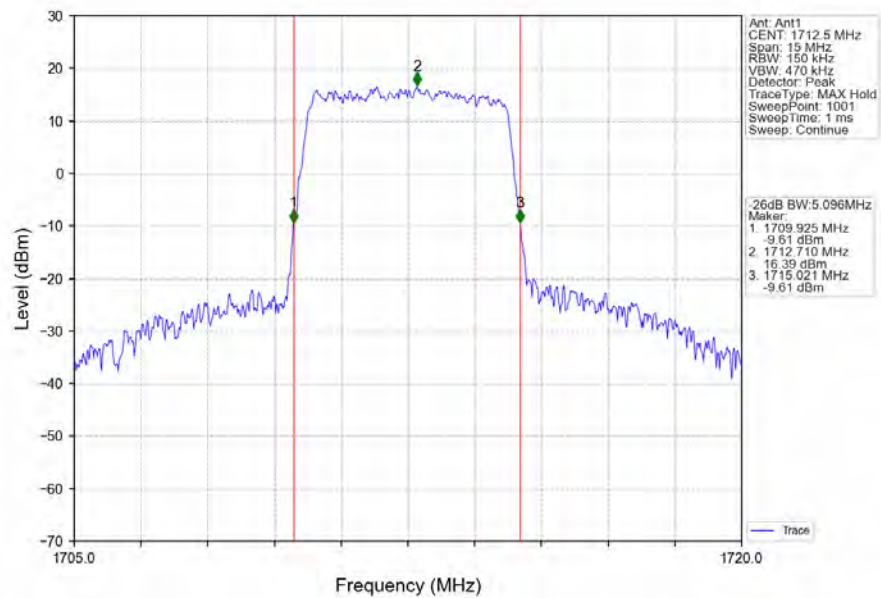
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



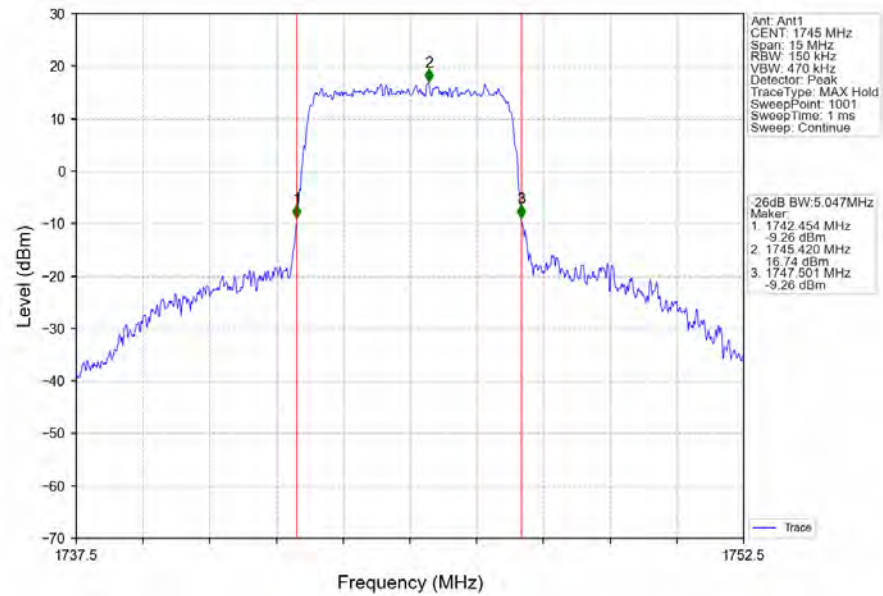
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



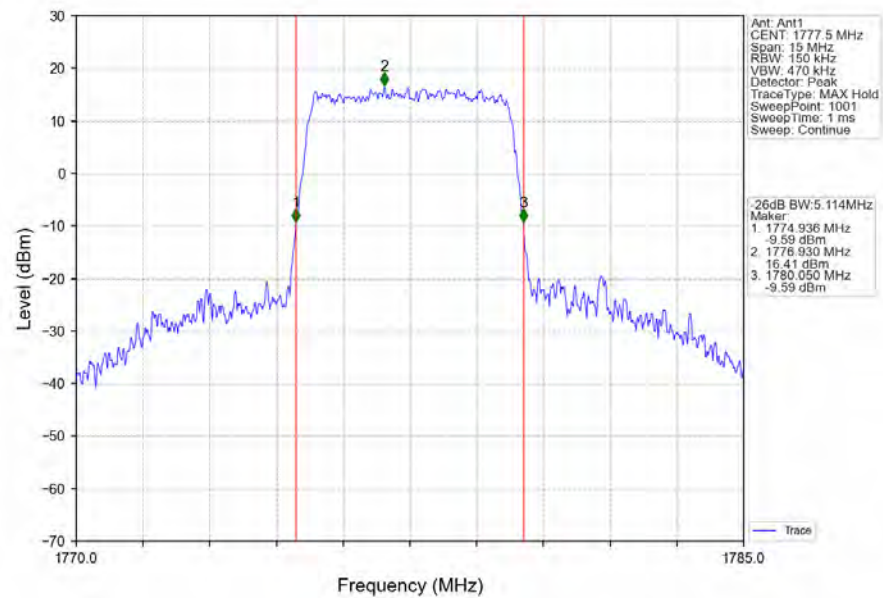
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



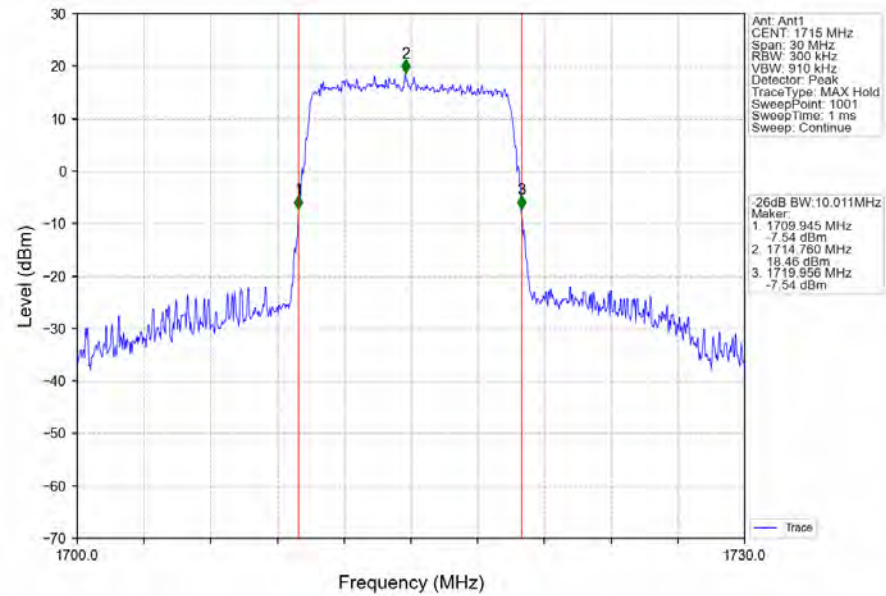
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTN



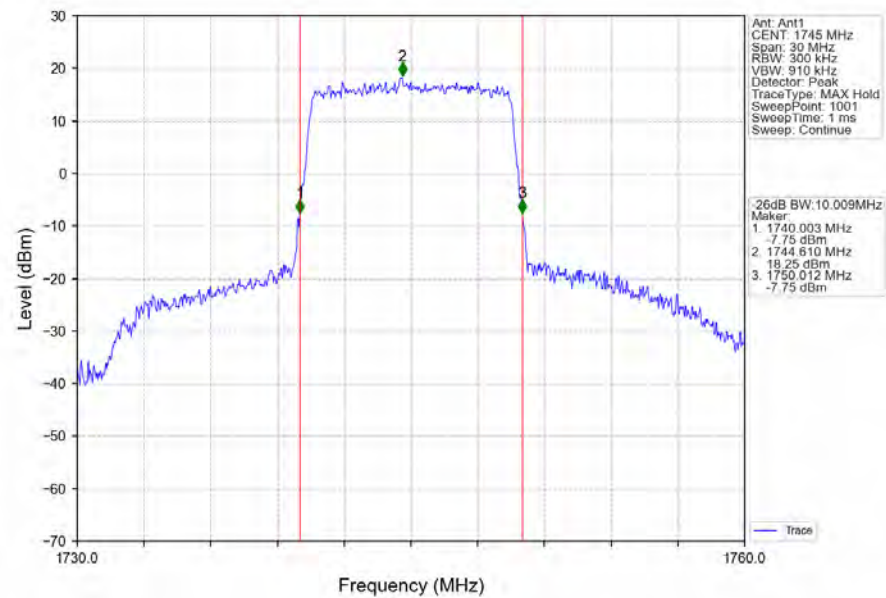
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTN



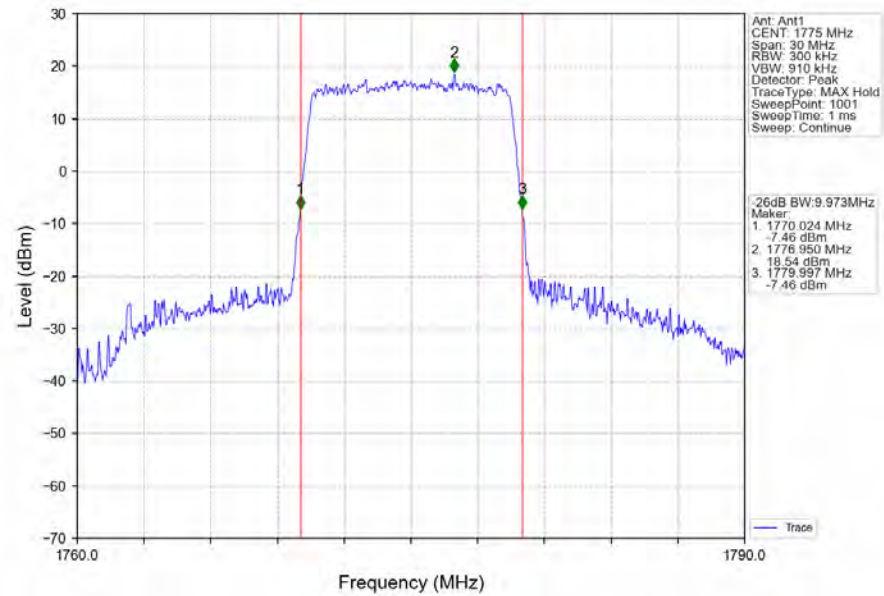
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



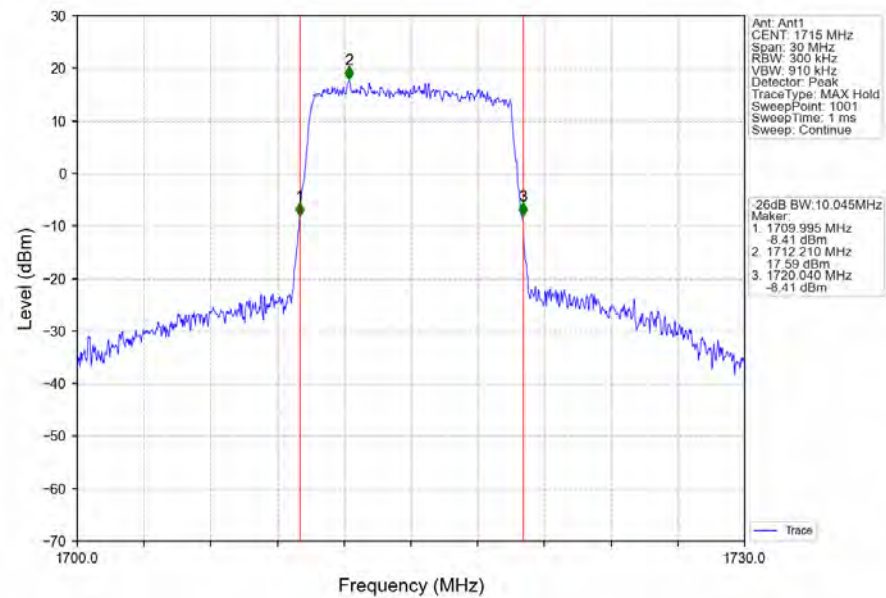
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



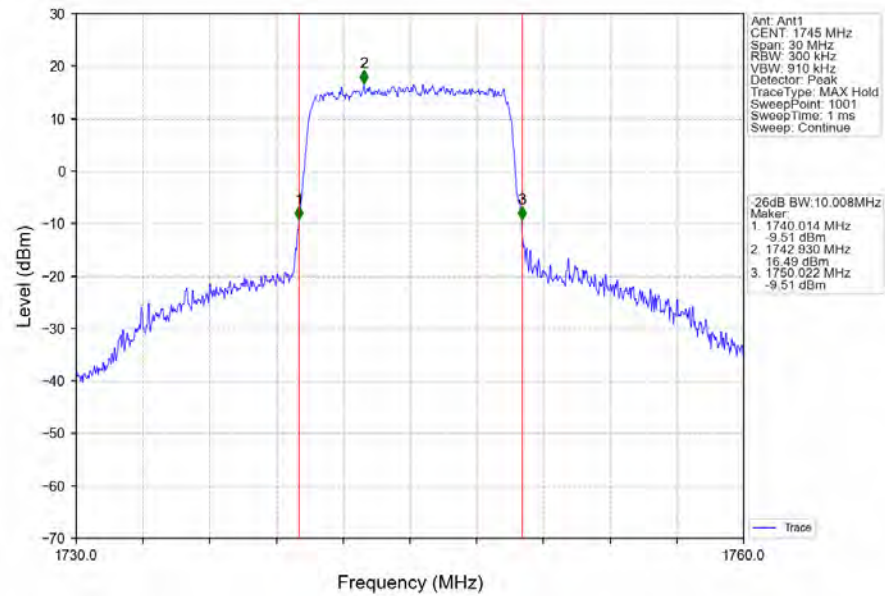
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



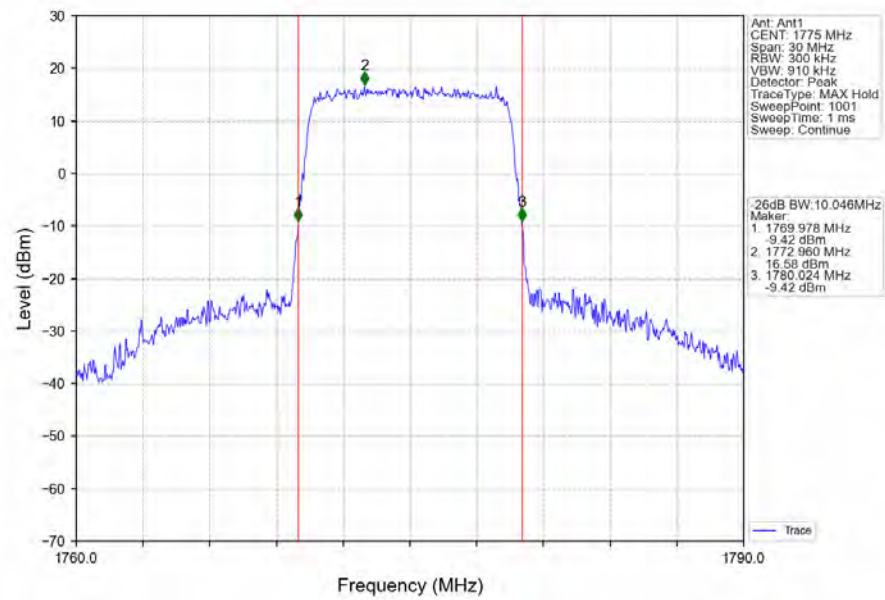
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



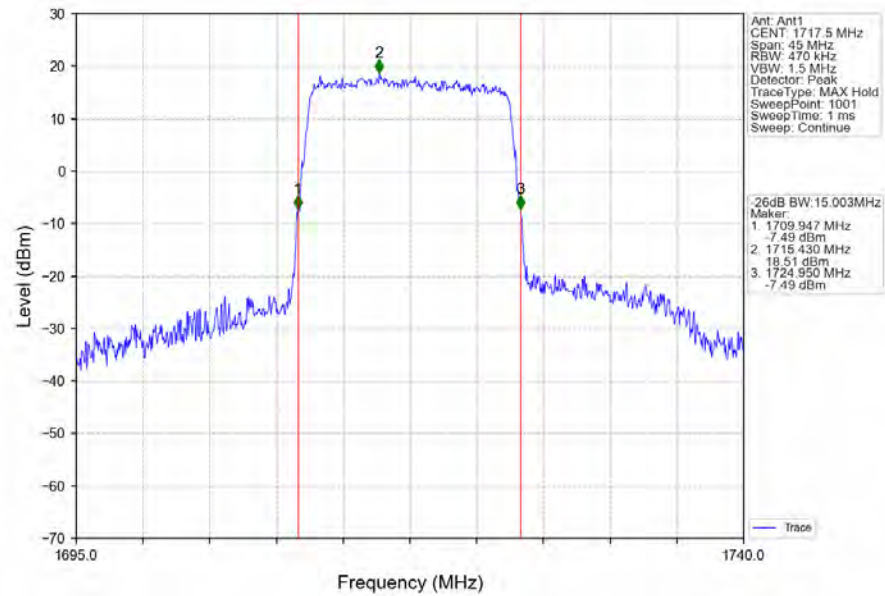
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



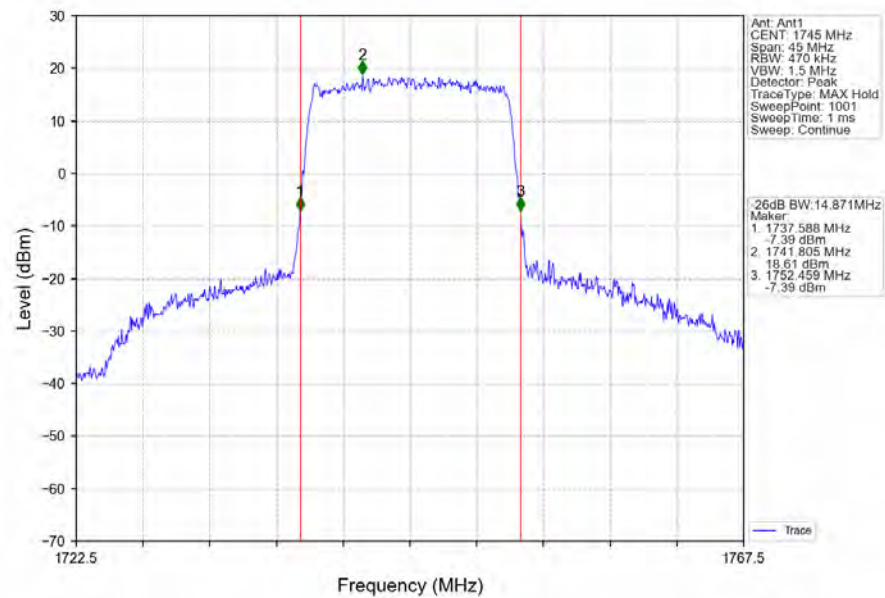
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



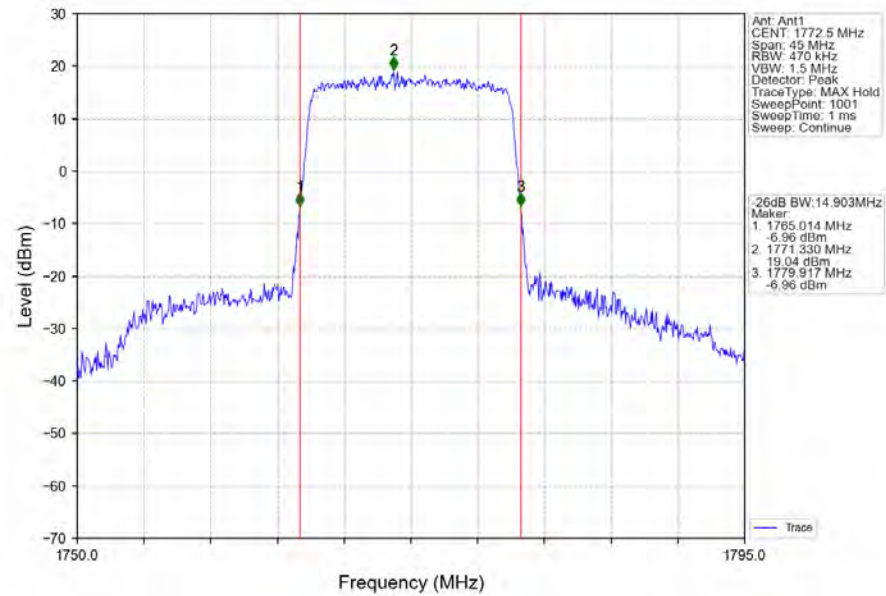
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



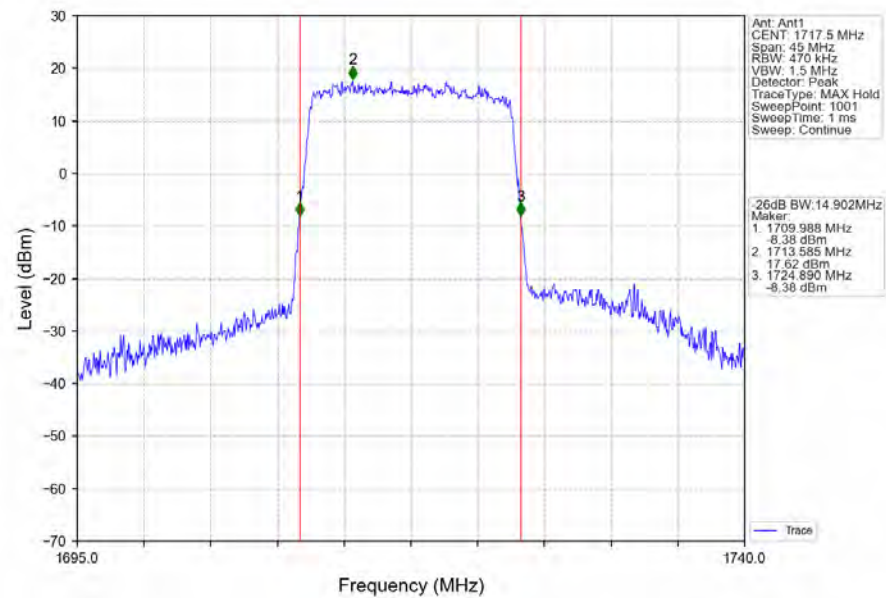
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



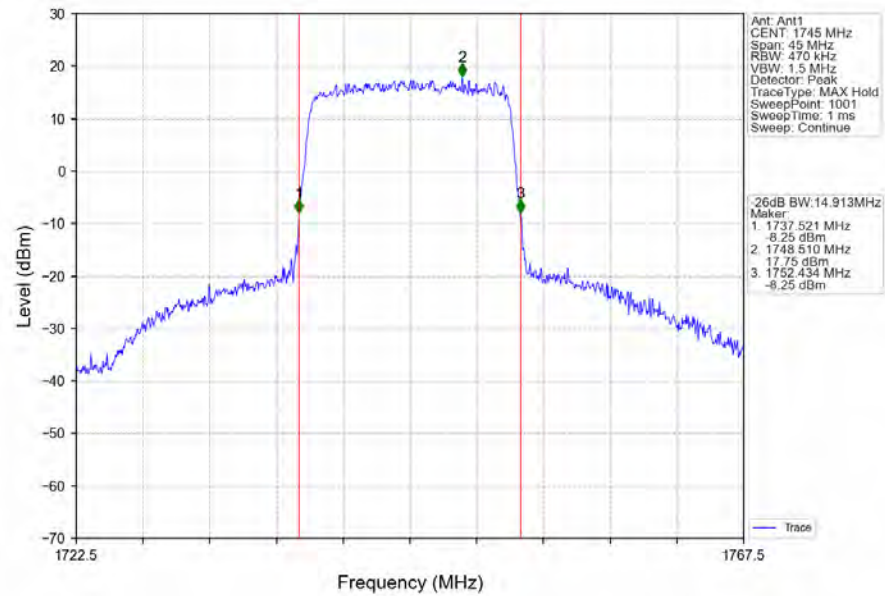
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



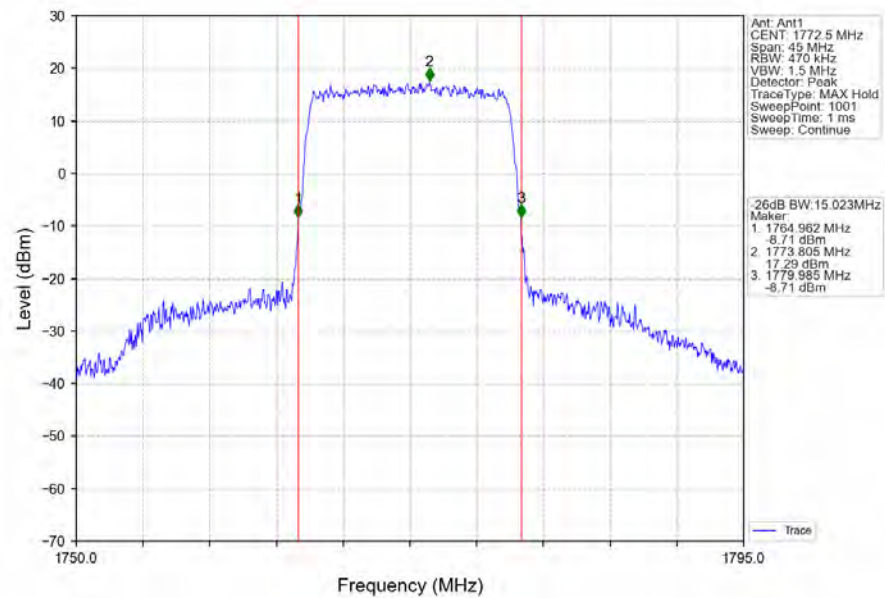
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



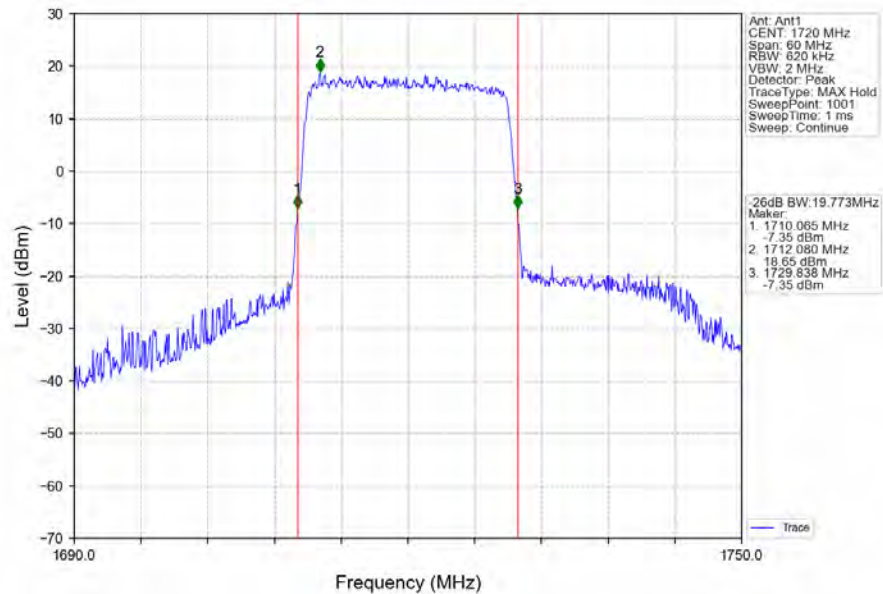
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



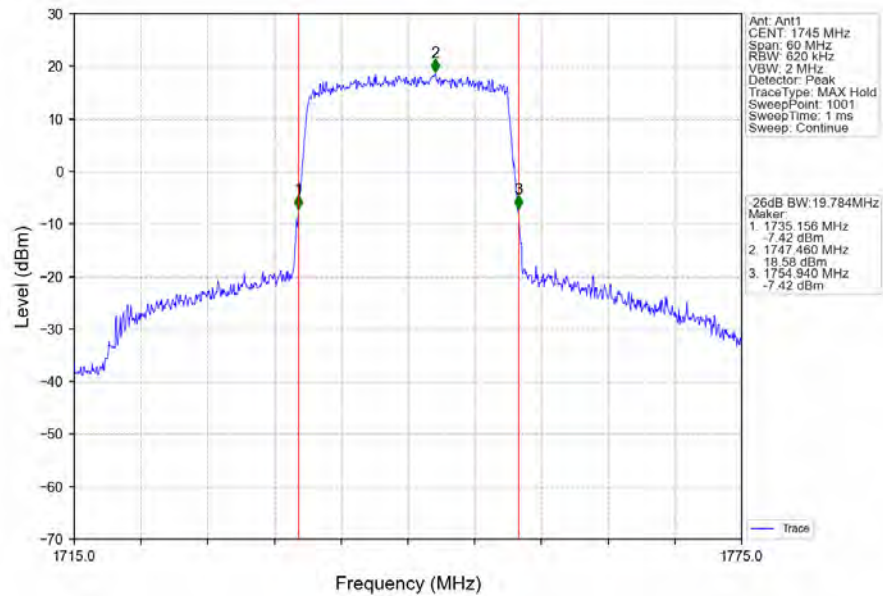
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



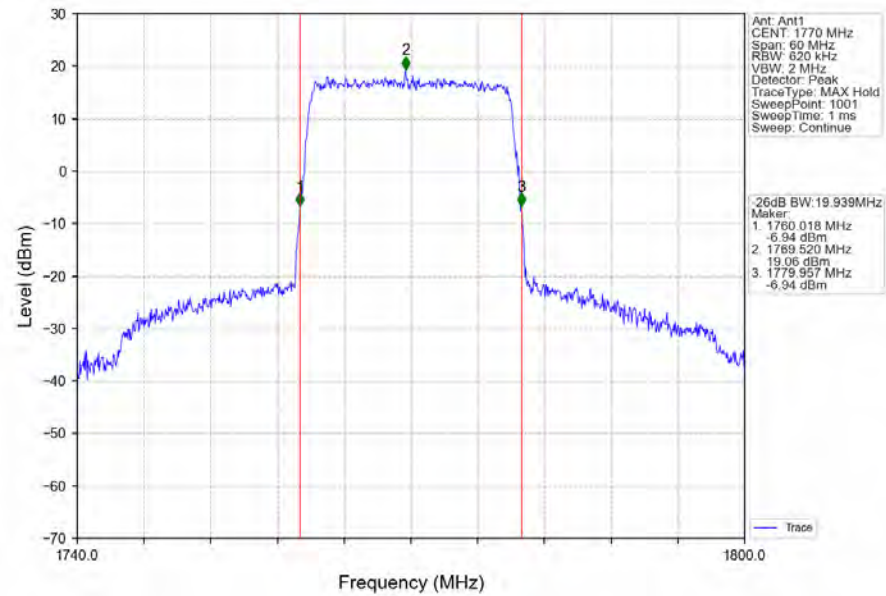
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



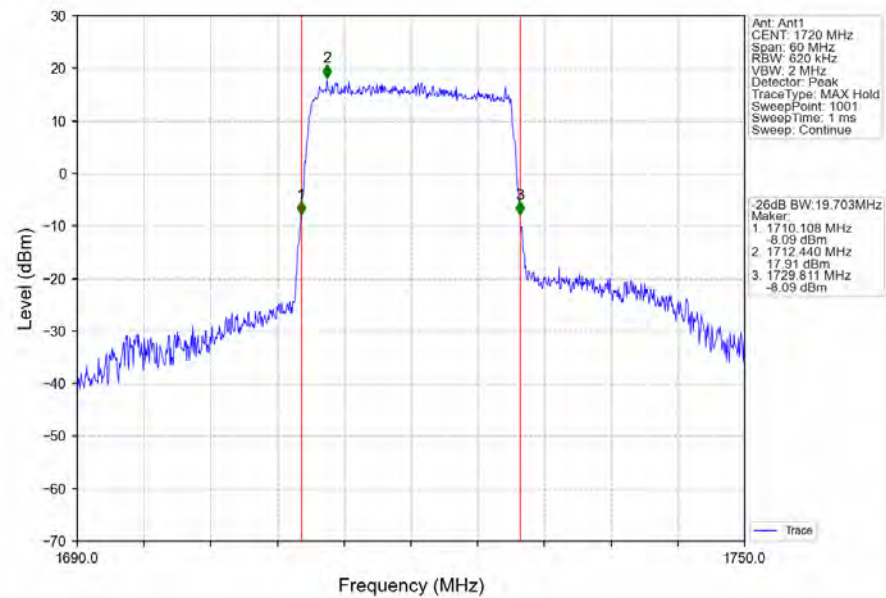
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



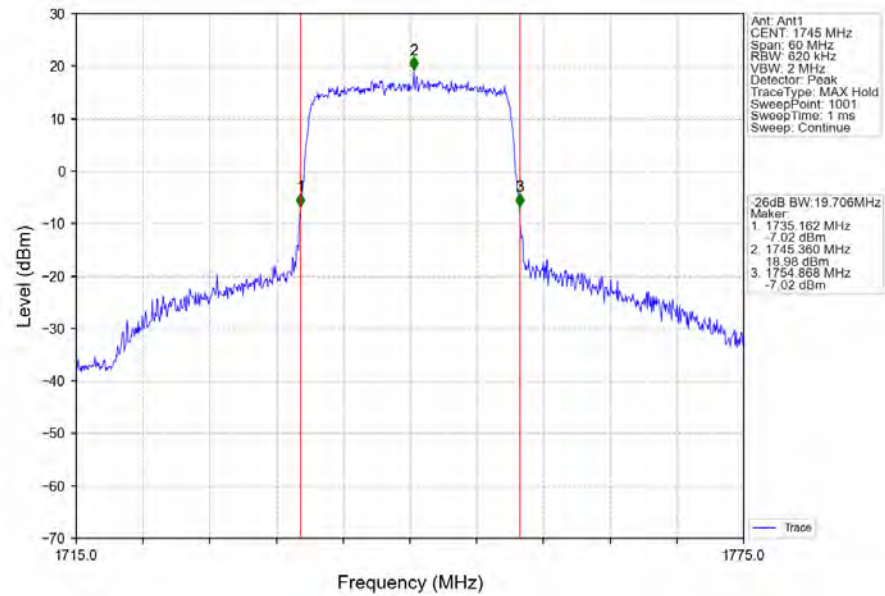
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



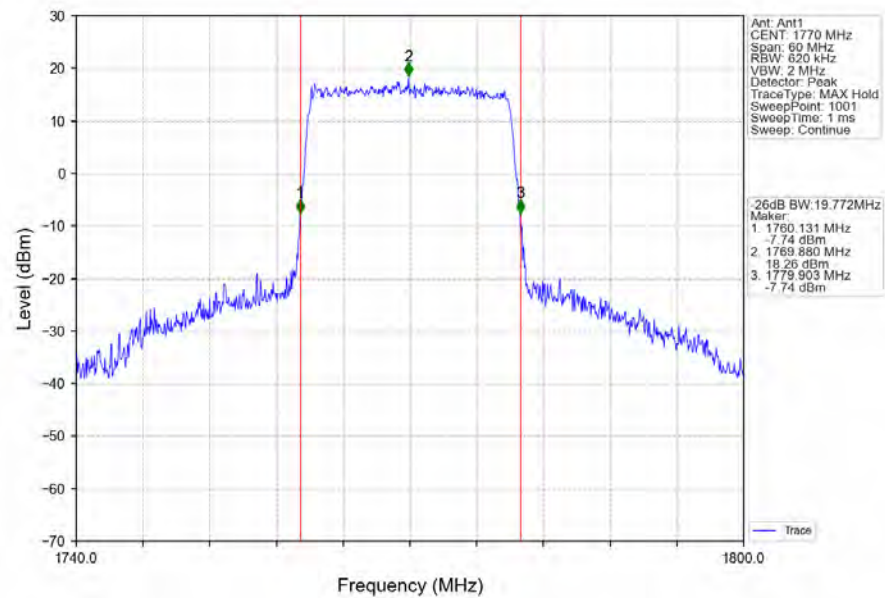
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



4. Peak-Average Ratio

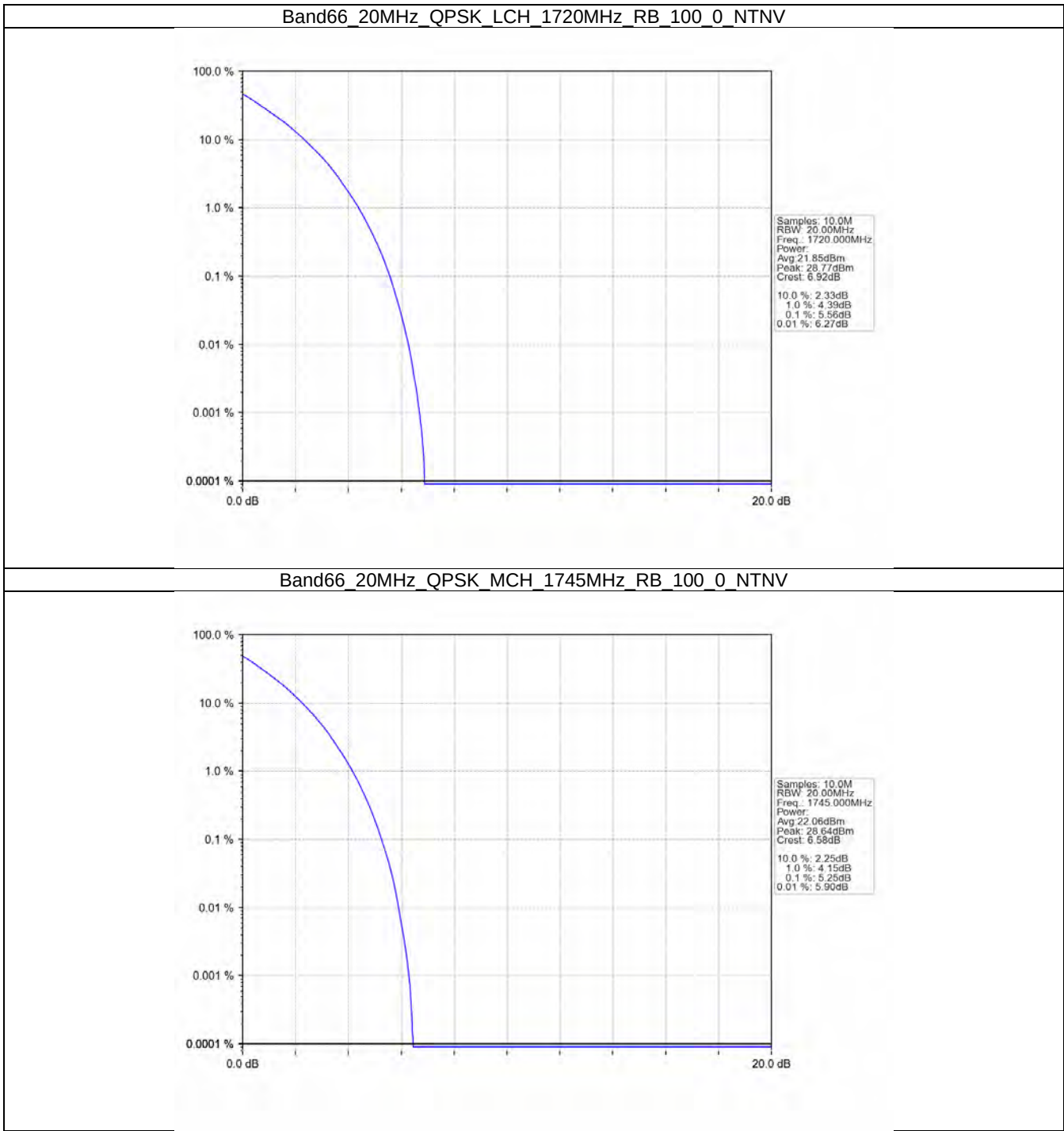
4.1 Test Result

4.1.1 B66_20MHz

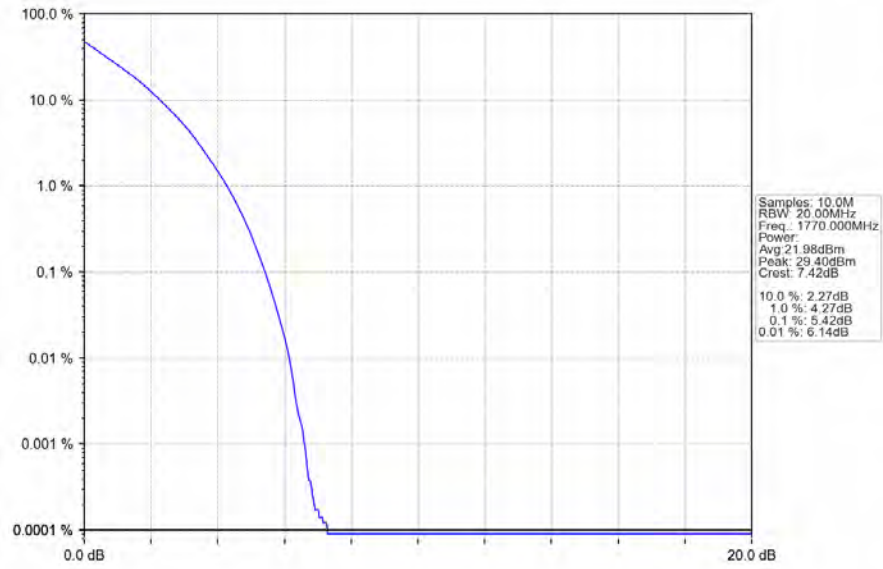
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.56	<=13	Pass
	1745	100	0	5.25	<=13	Pass
	1770	100	0	5.42	<=13	Pass
16QAM	1720	100	0	6.32	<=13	Pass
	1745	100	0	5.99	<=13	Pass
	1770	100	0	6.19	<=13	Pass

4.2 Test Graph

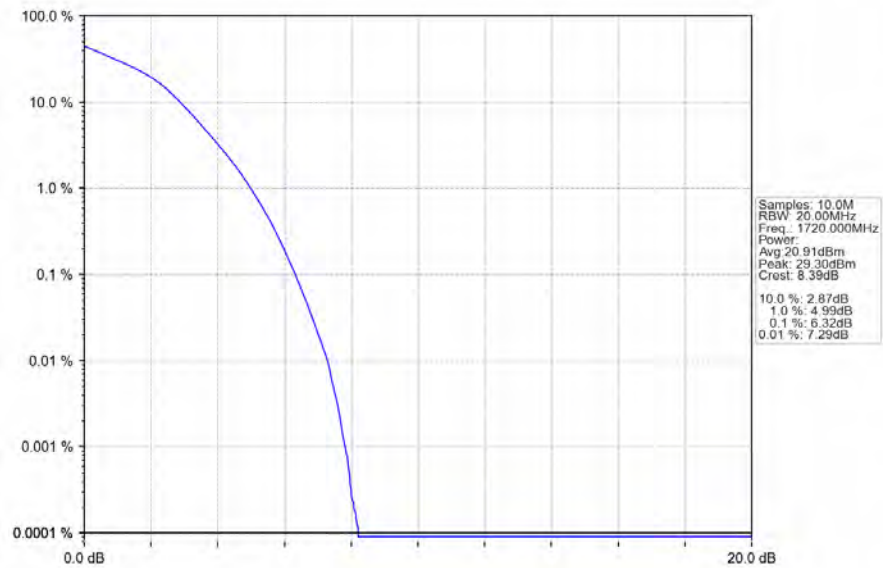
4.2.1 B66_20MHz



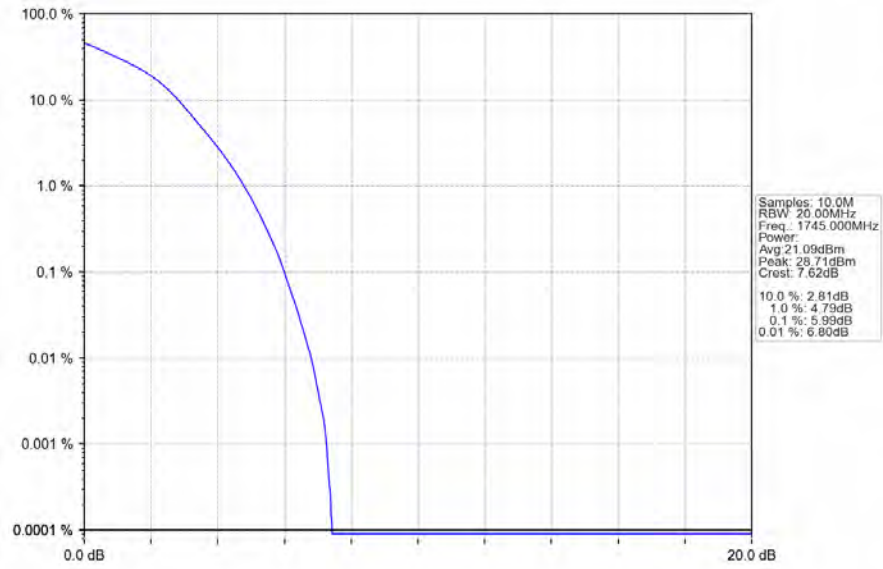
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



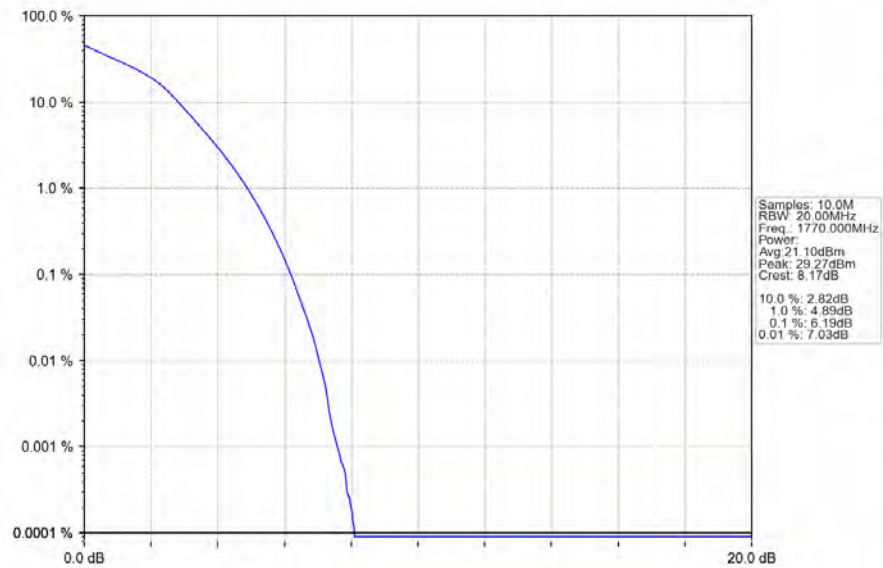
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTV						
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

5.1.2 B66_3MHz

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

5.1.3 B66_5MHz

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

5.1.4 B66_10MHz

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

5.1.5 B66_15MHz

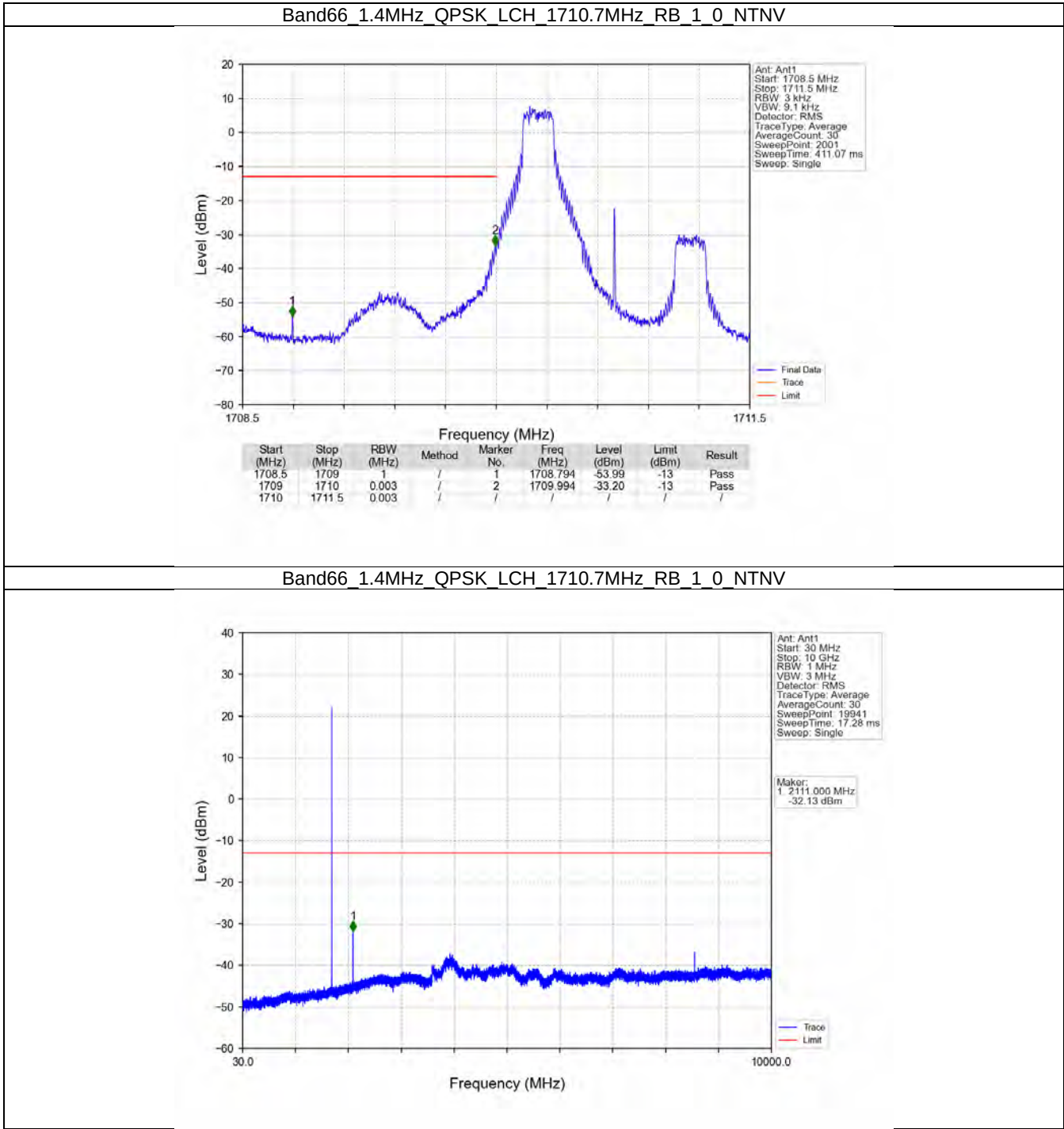
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

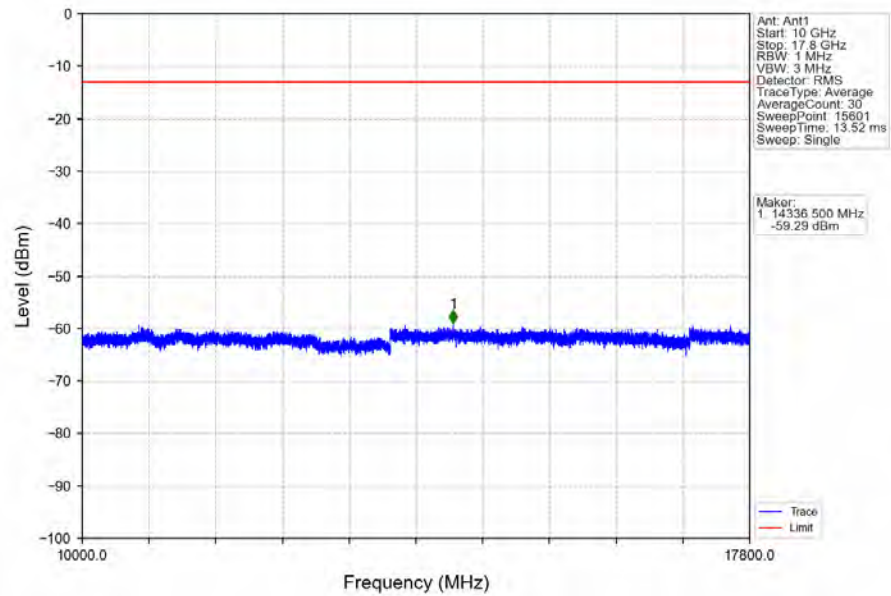
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

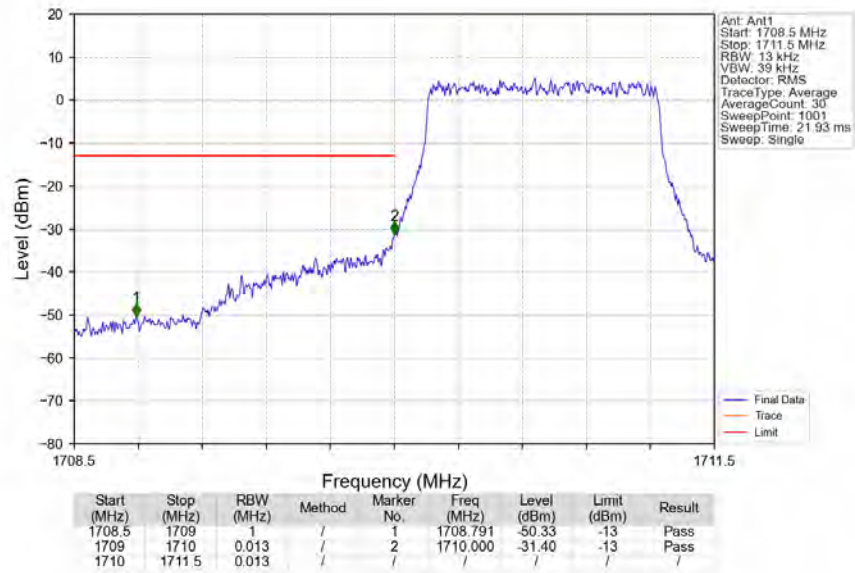
5.2.1 B66_1.4MHz



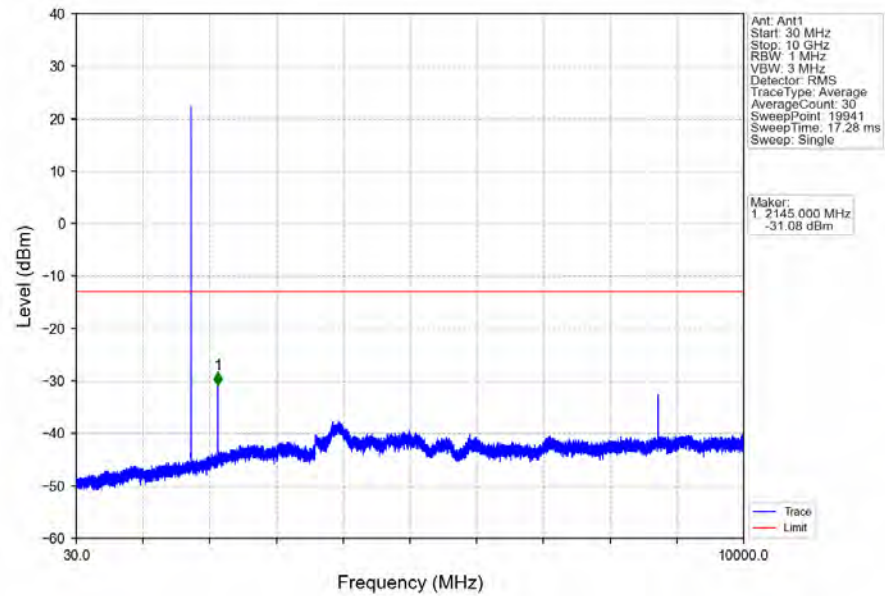
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



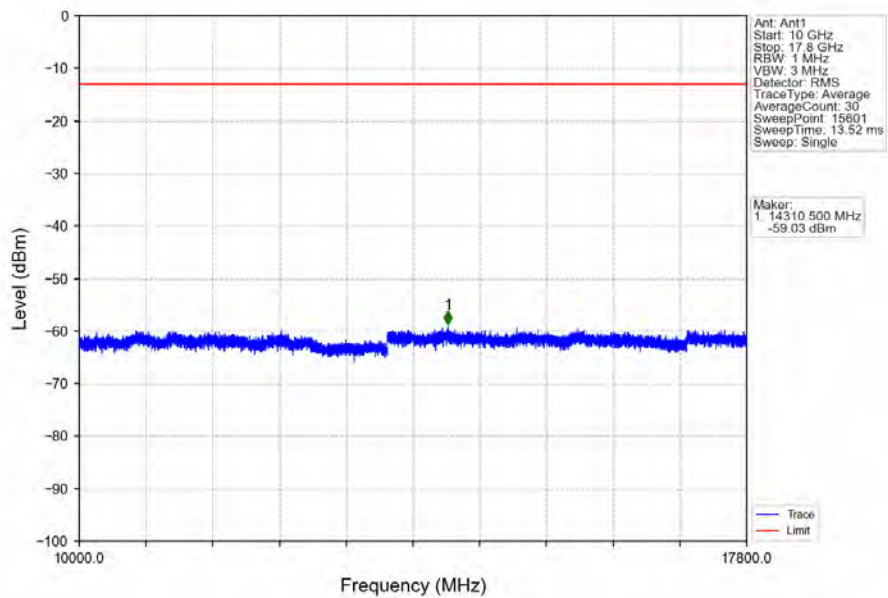
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV



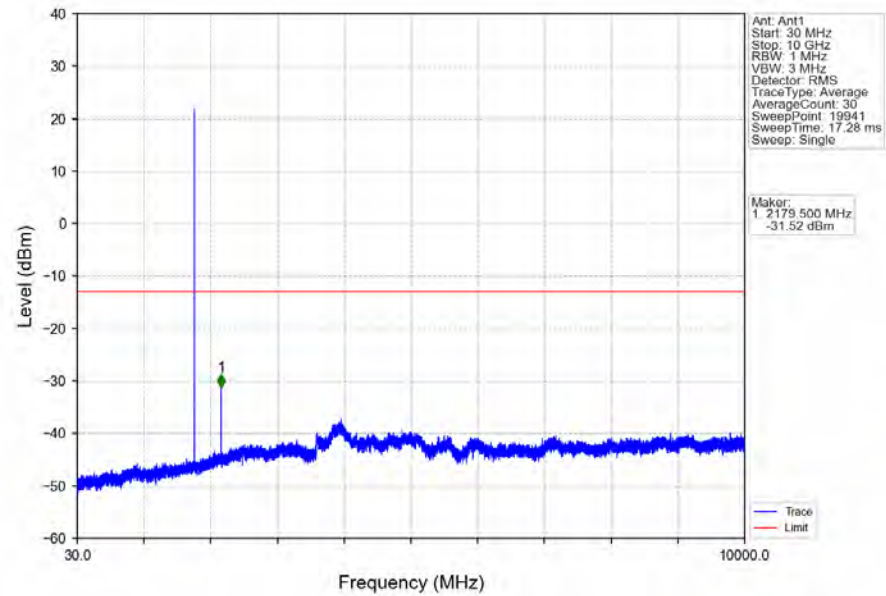
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



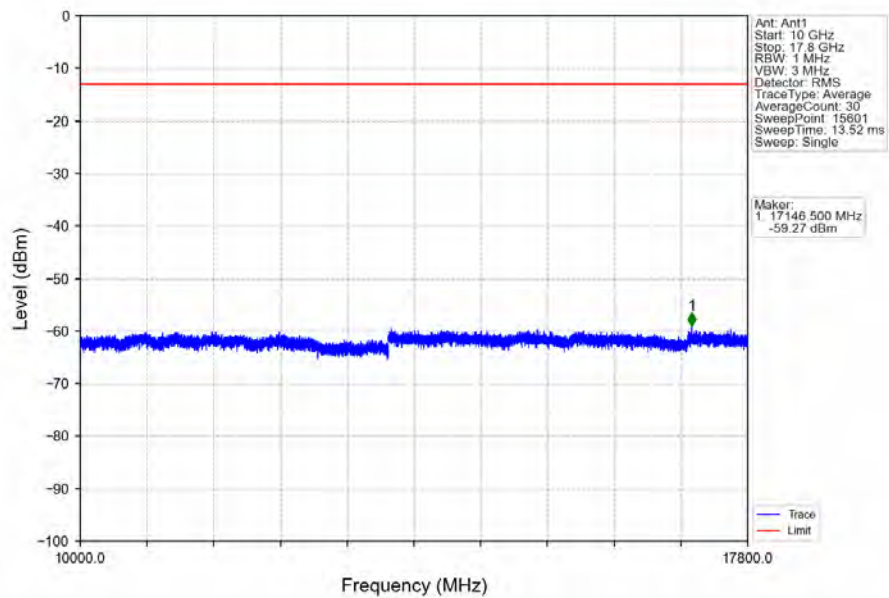
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



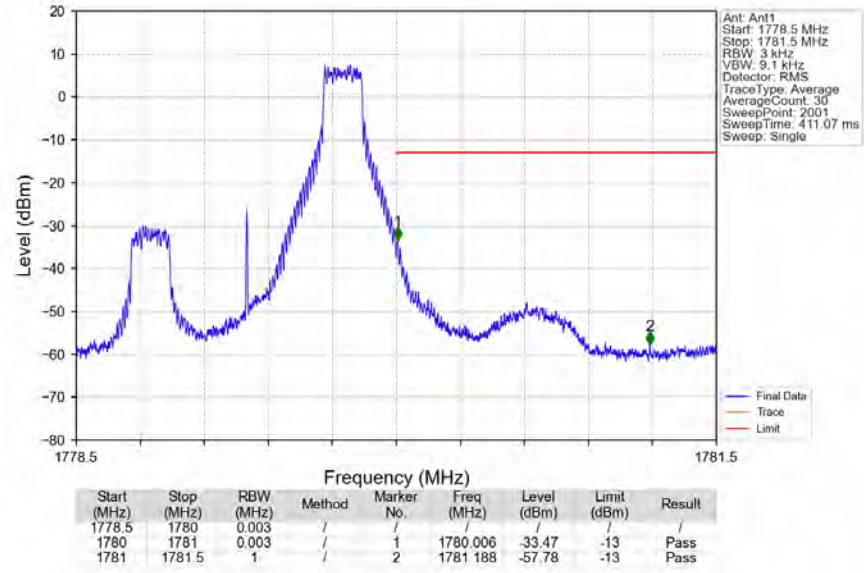
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



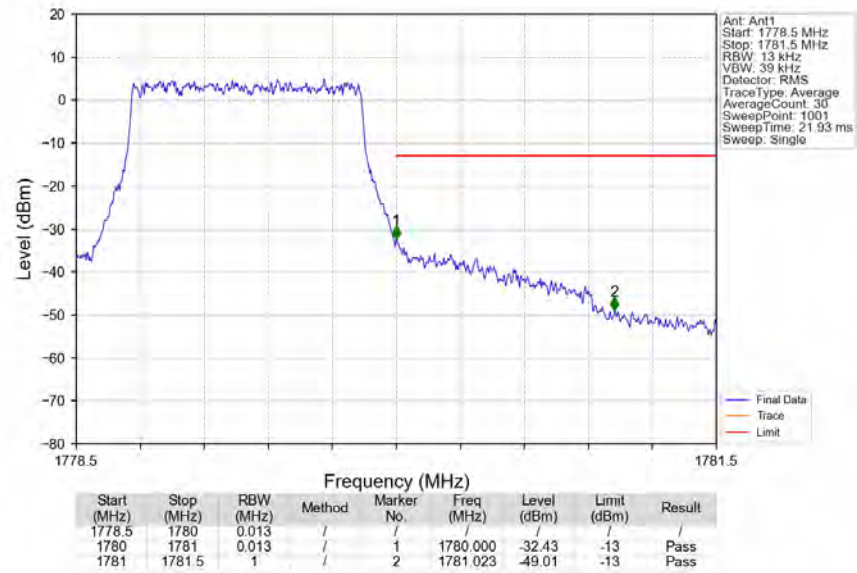
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



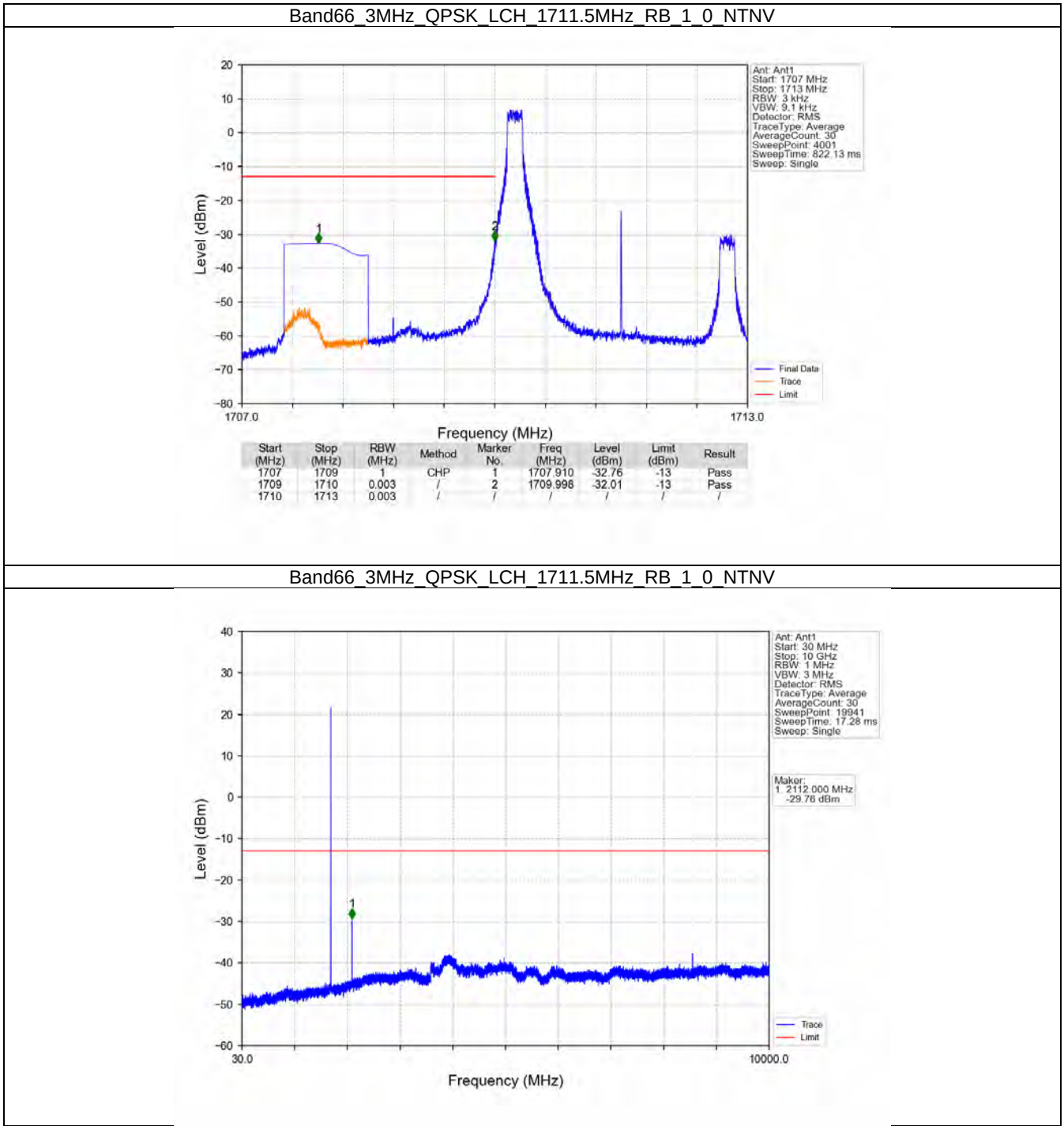
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



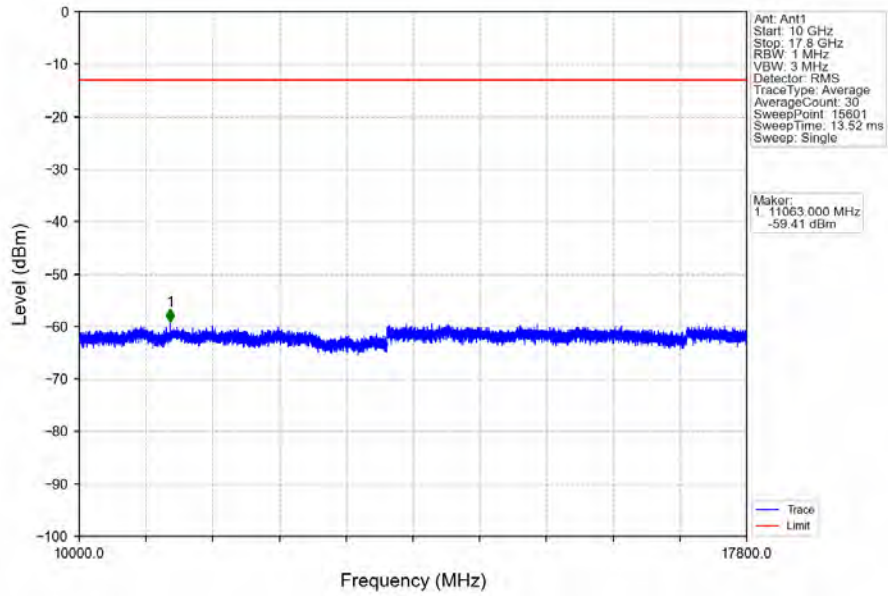
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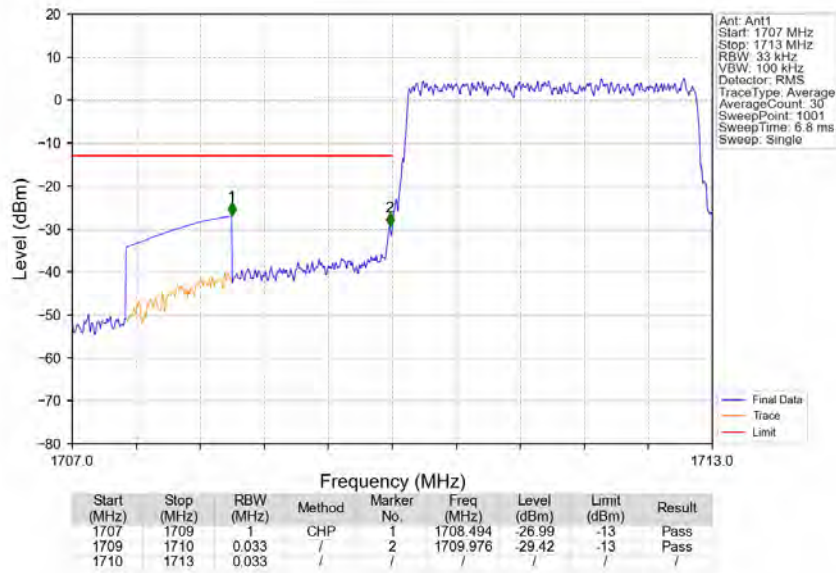
6.2.2 B66_3MHz



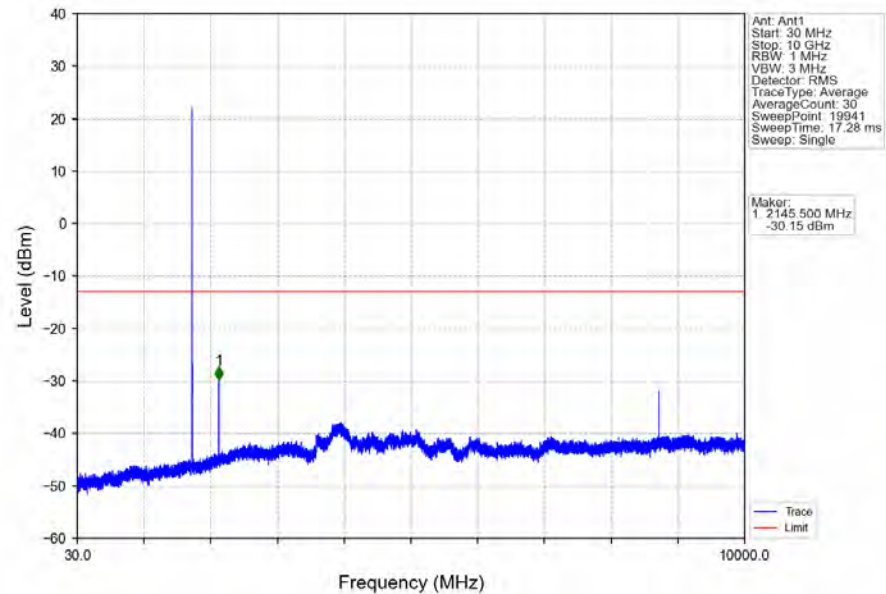
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



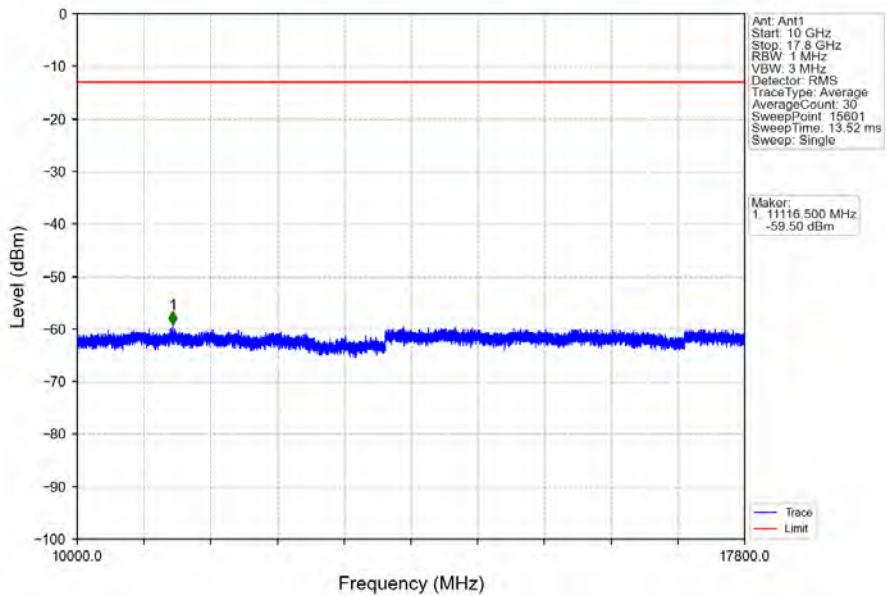
Band66_3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



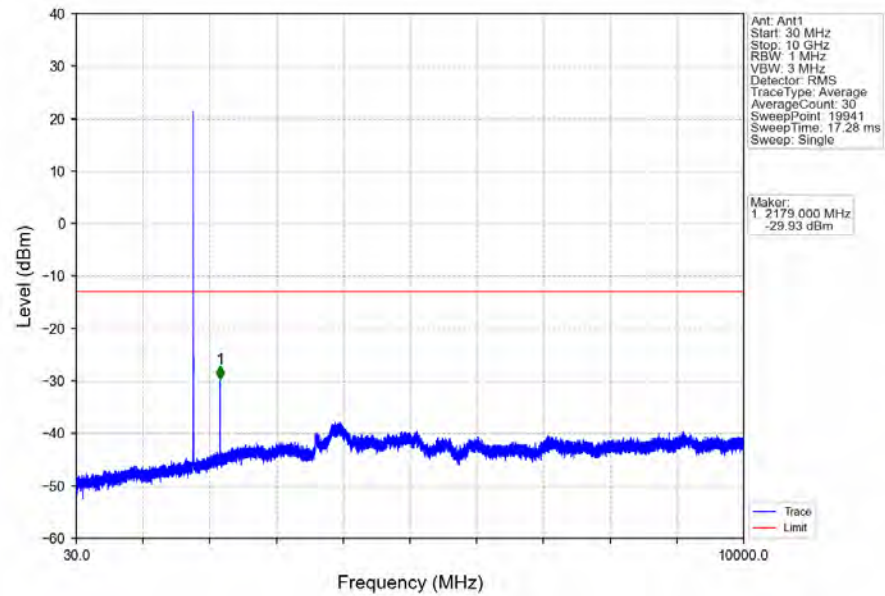
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



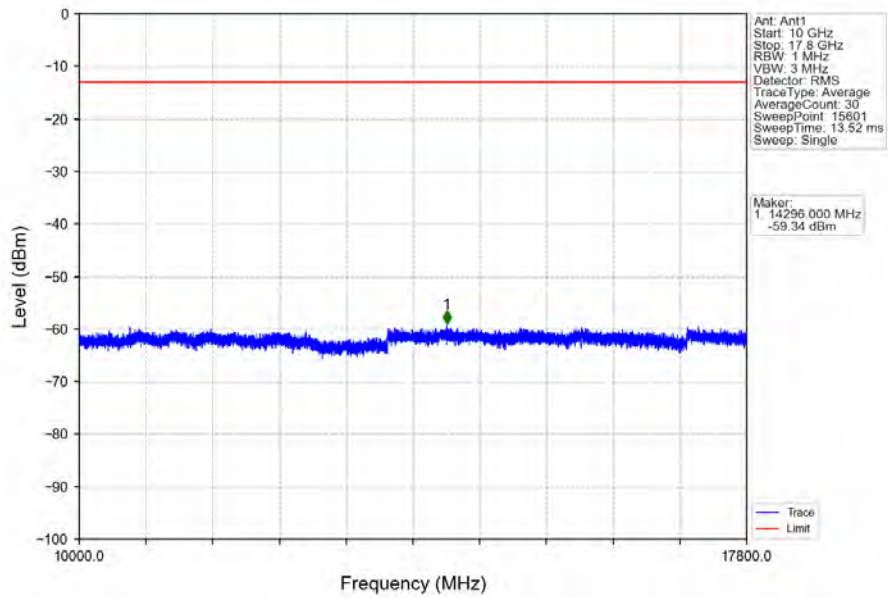
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



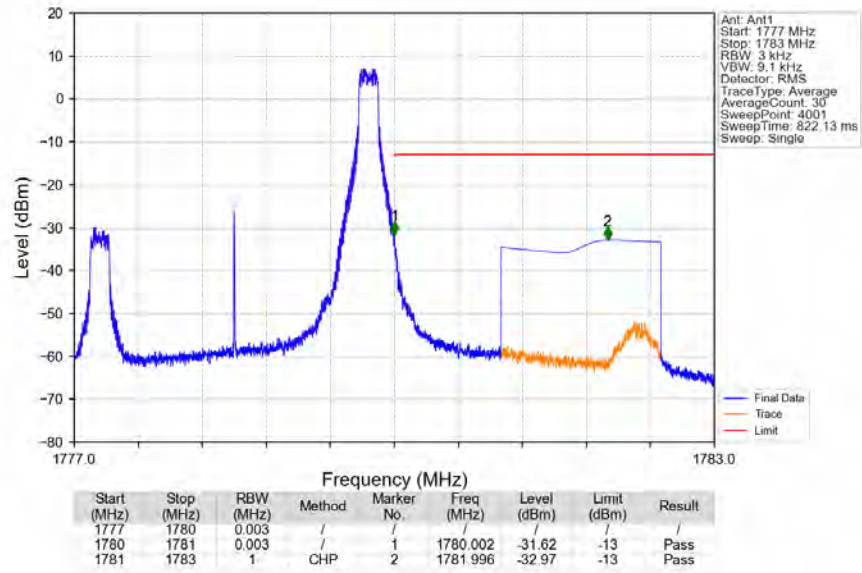
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



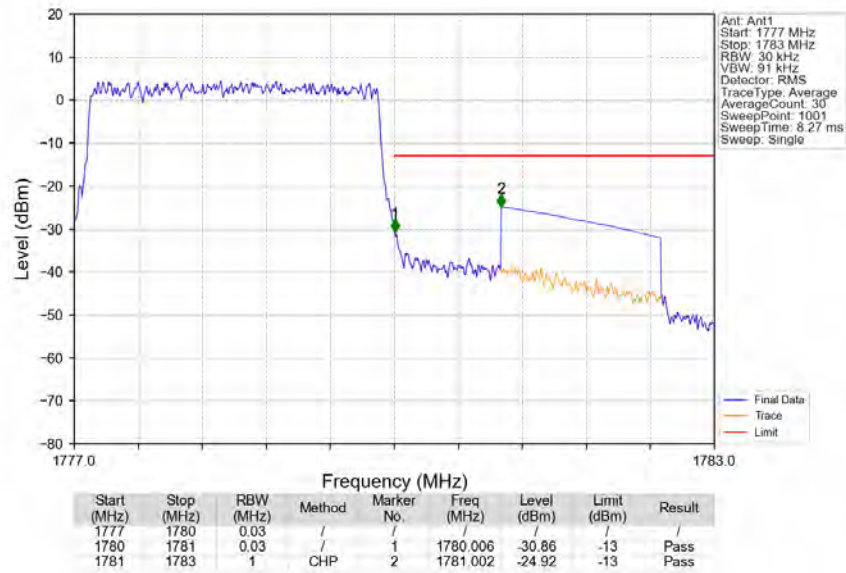
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



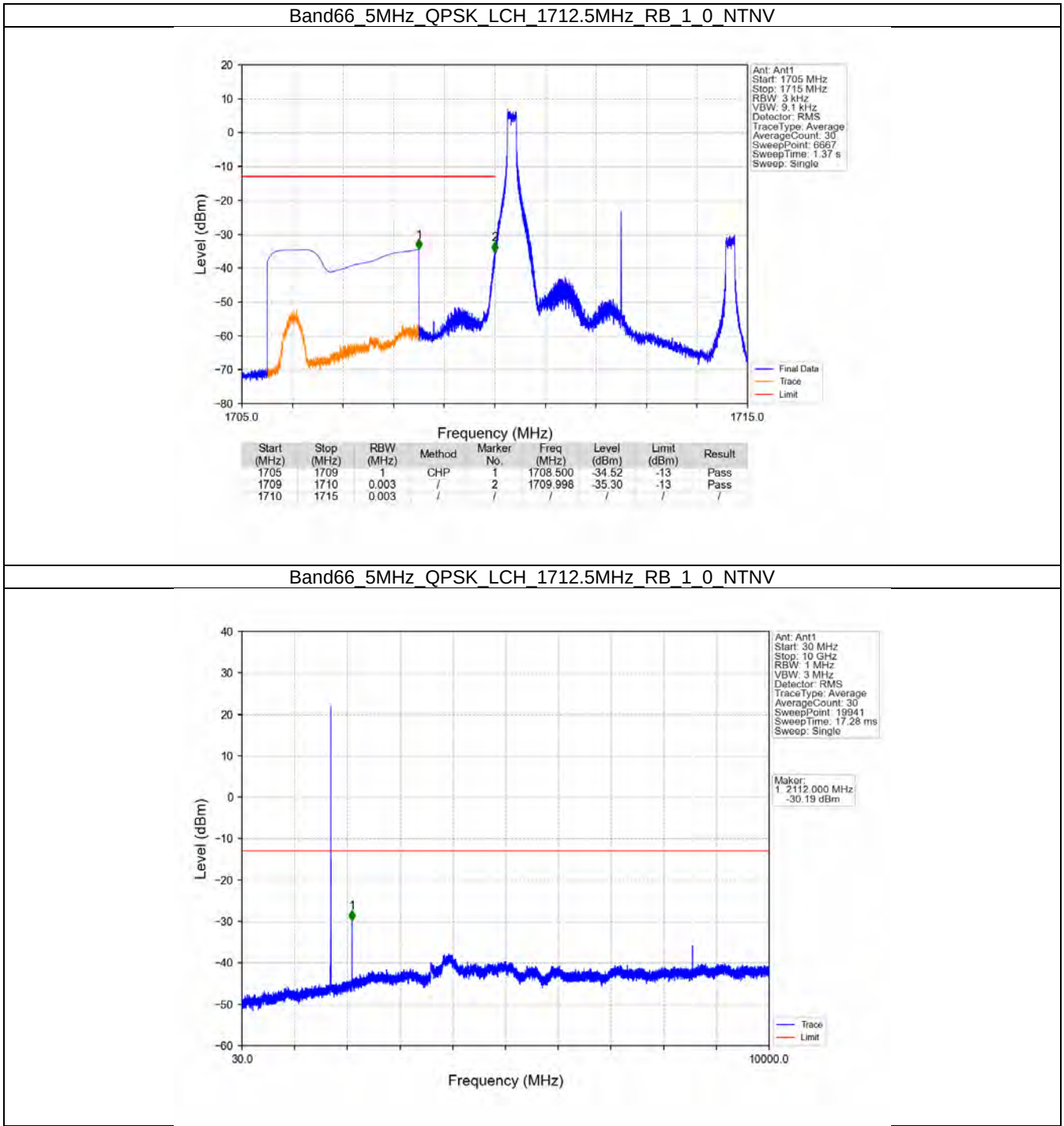
Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTV



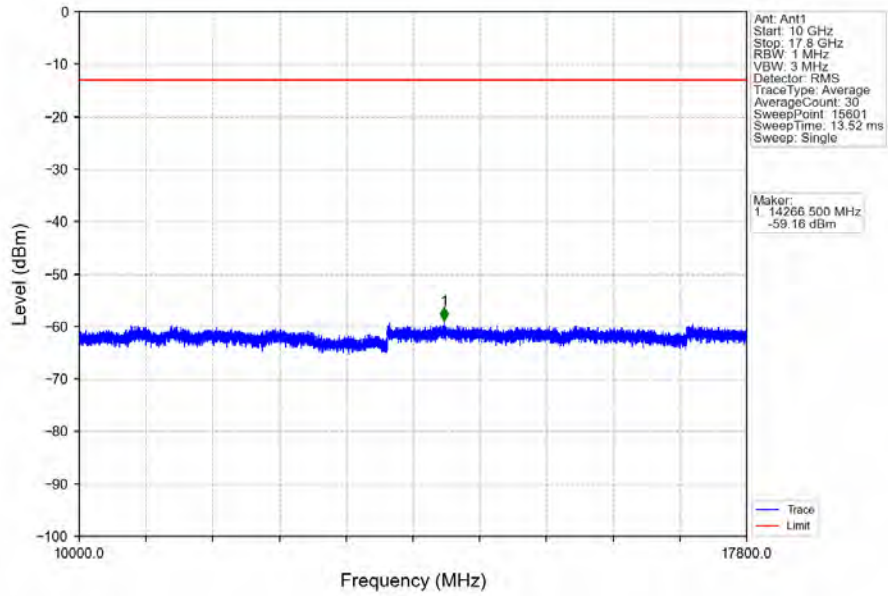
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV



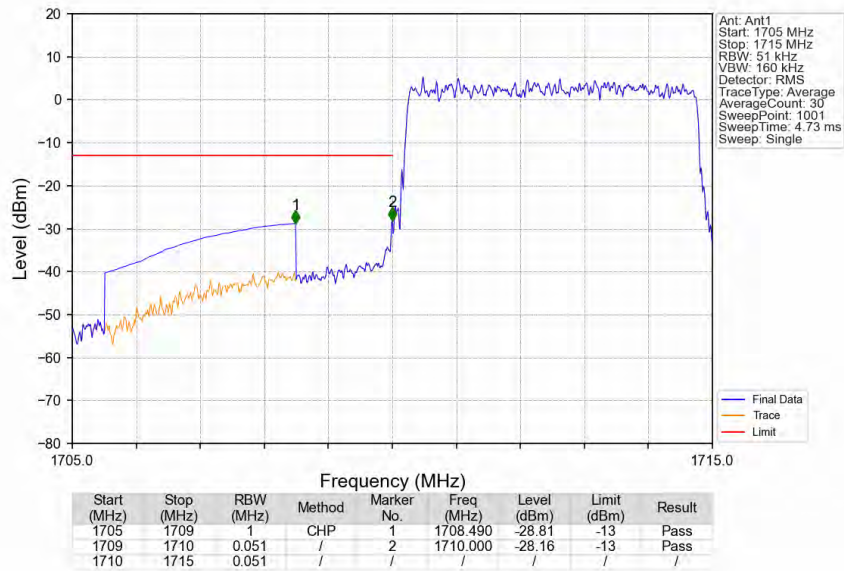
6.2.3 B66_5MHz



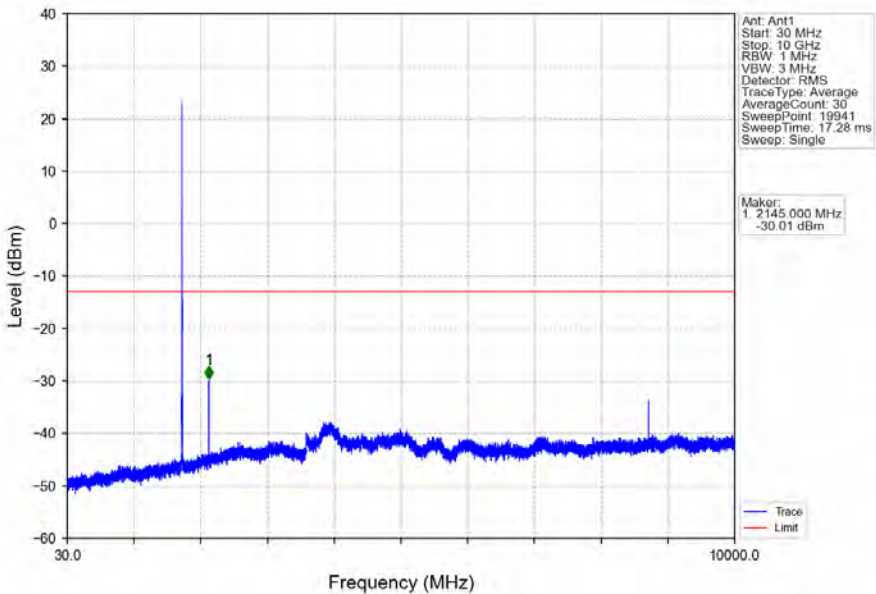
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



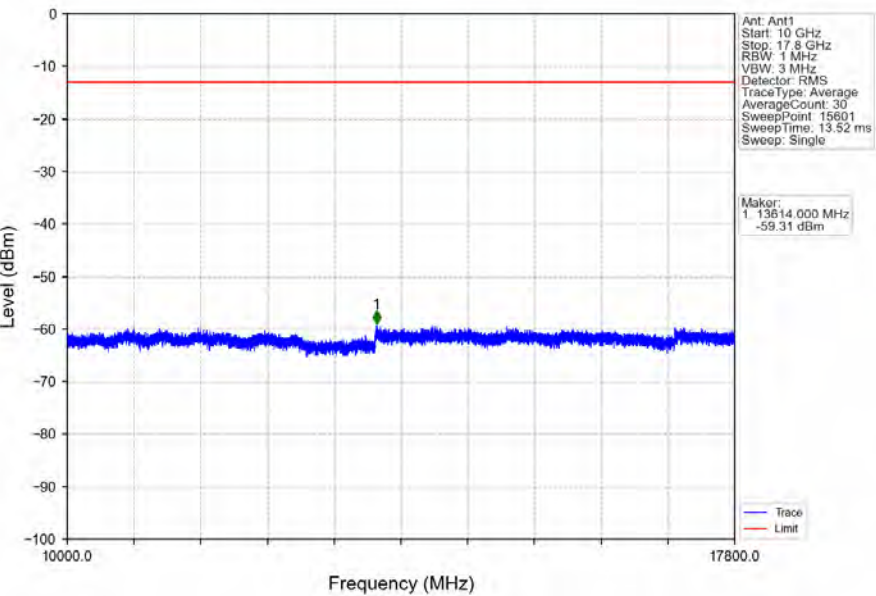
Band66_5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



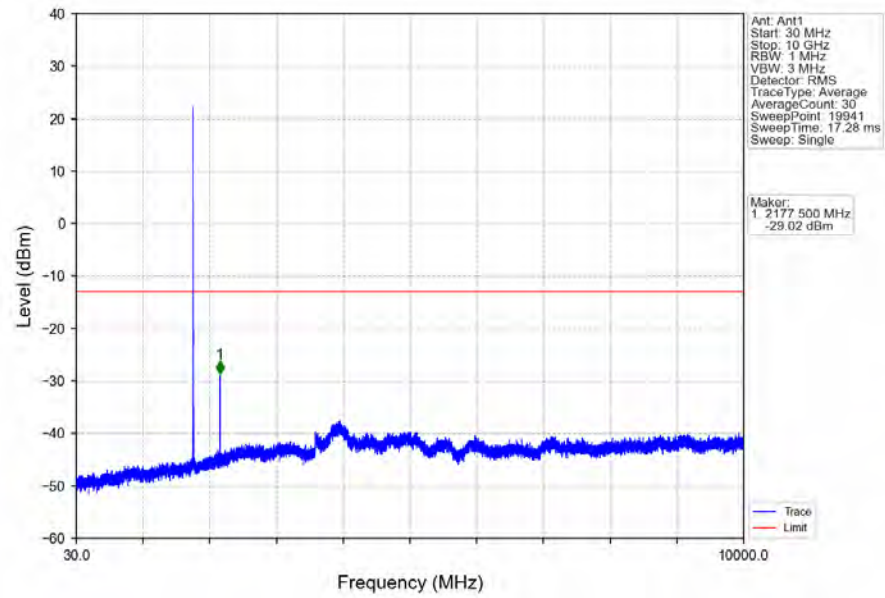
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



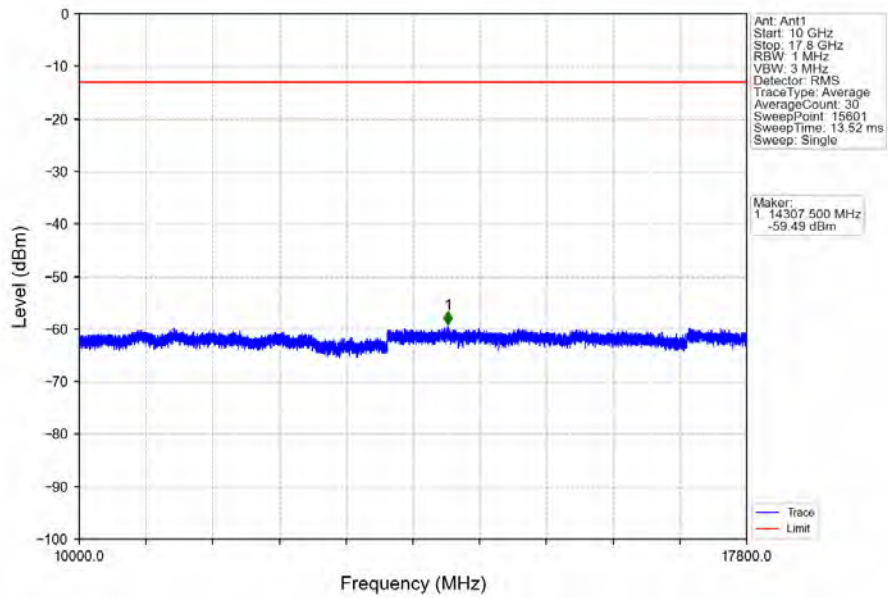
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



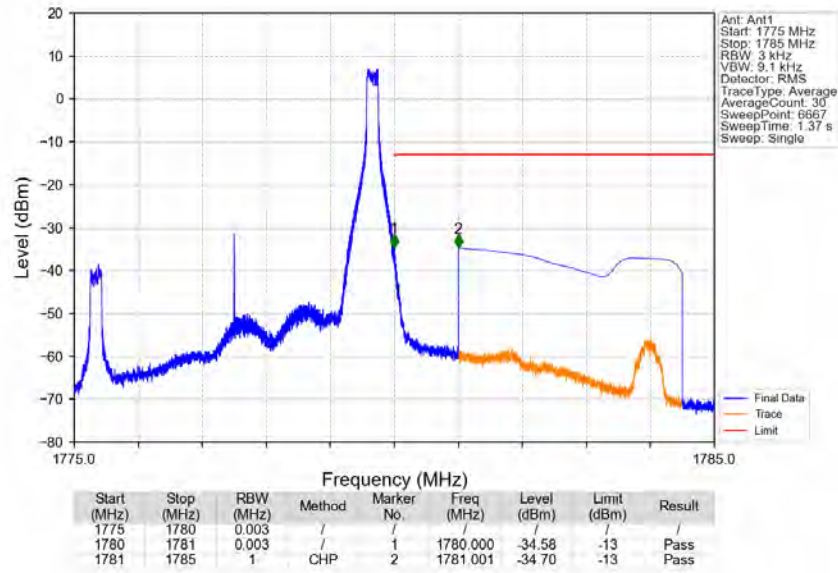
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



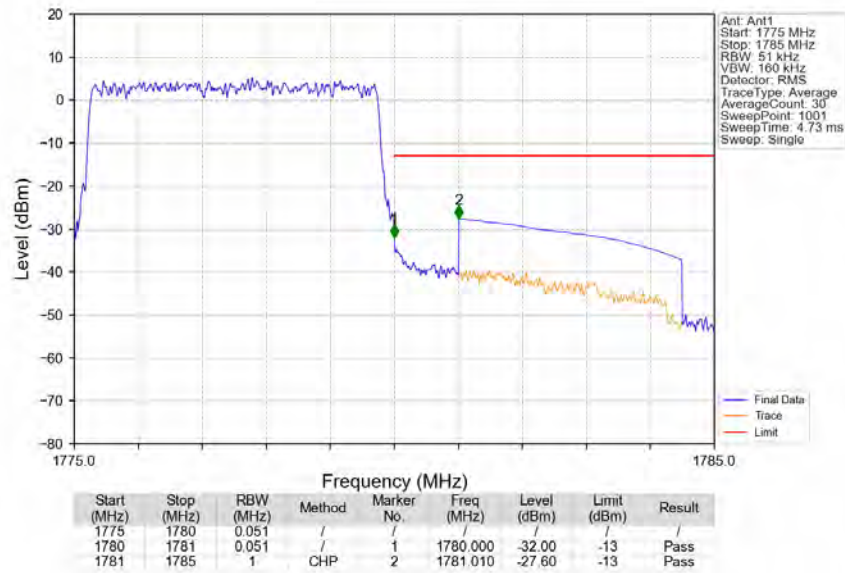
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



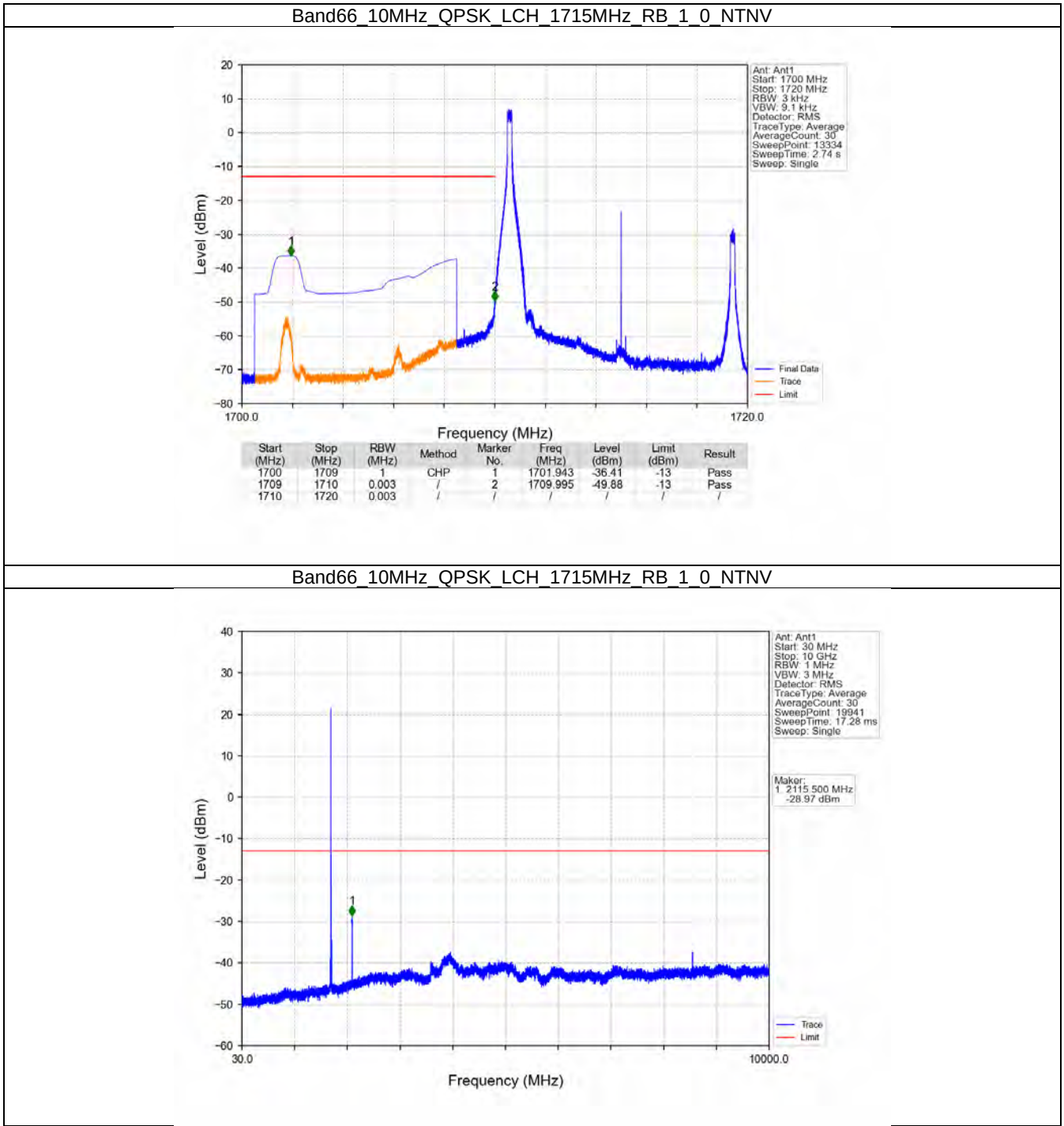
Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



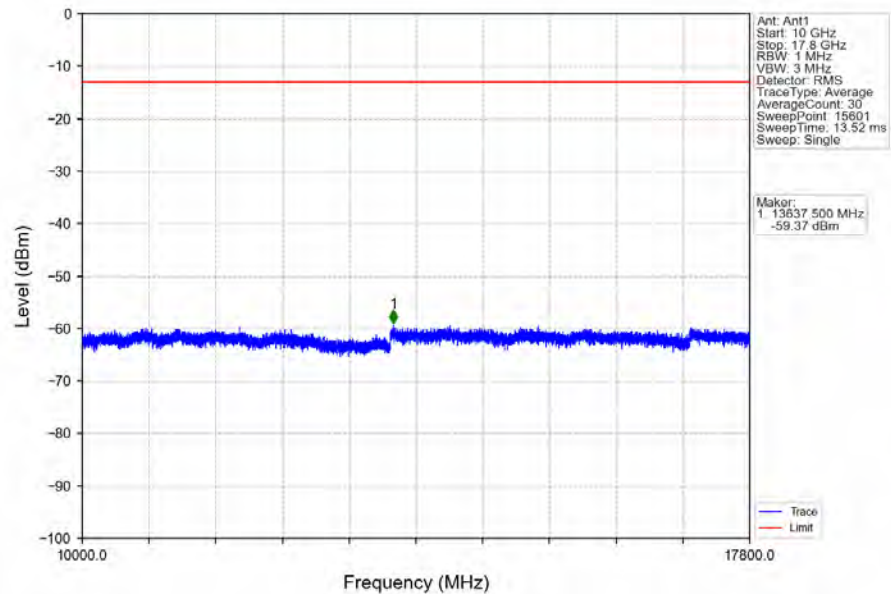
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV



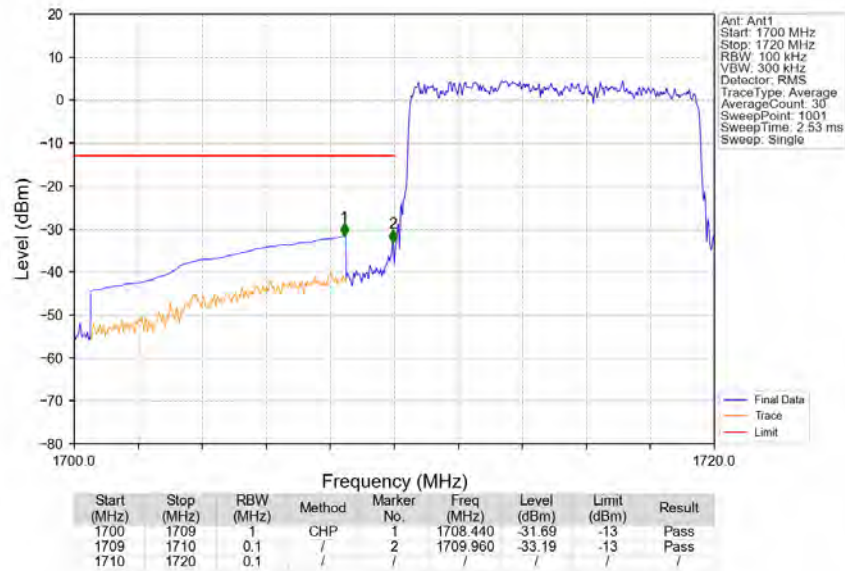
6.2.4 B66_10MHz



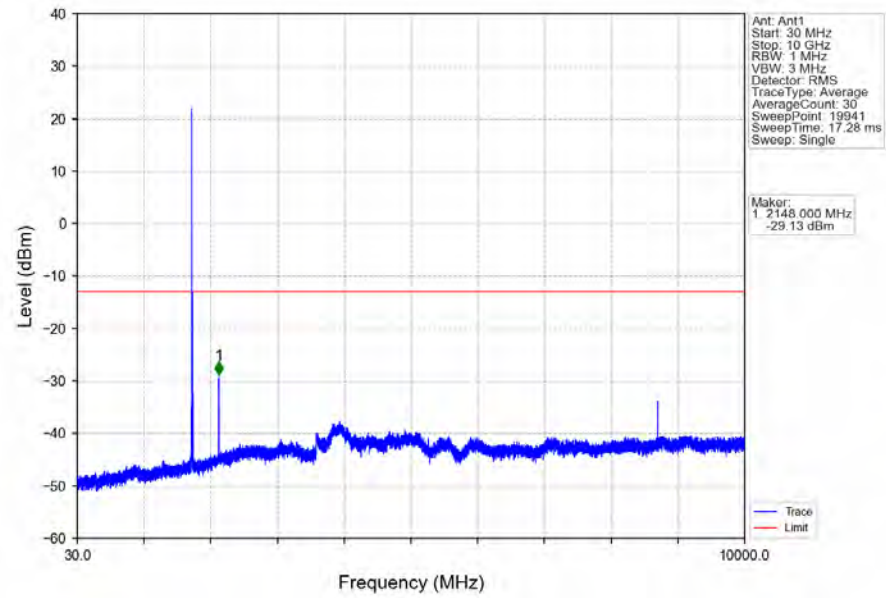
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



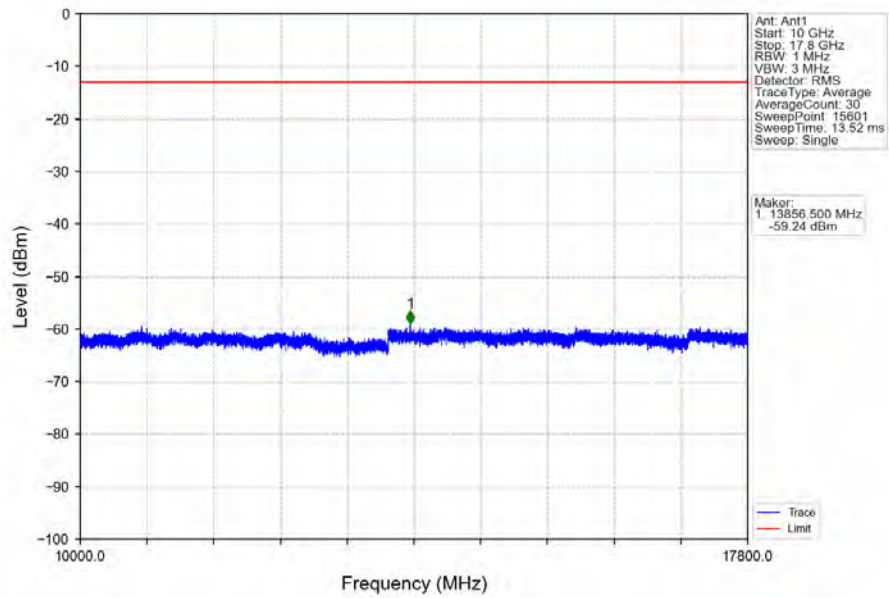
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



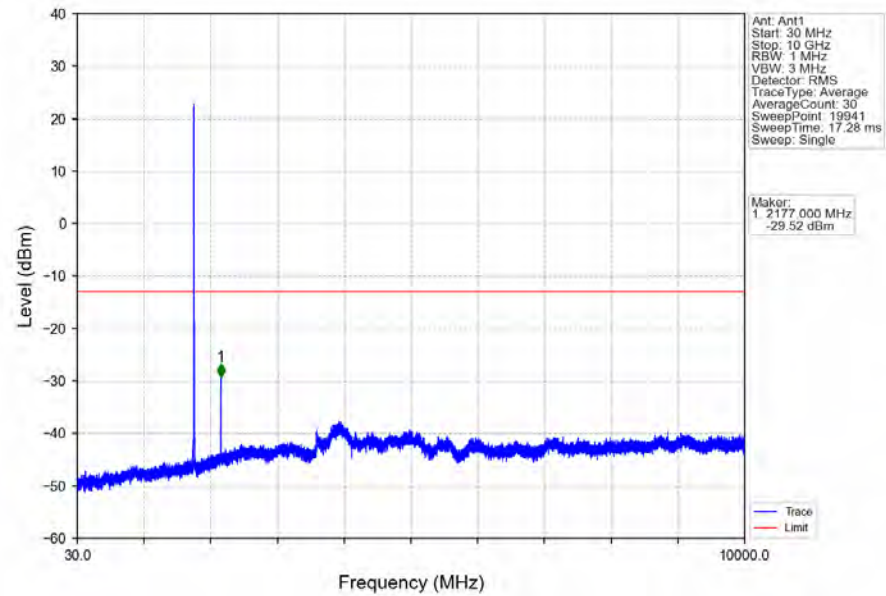
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



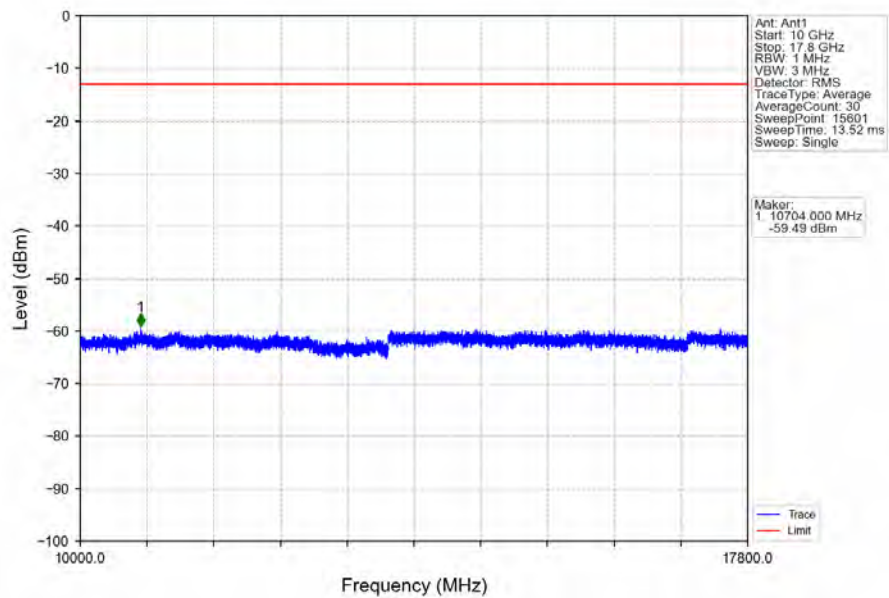
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



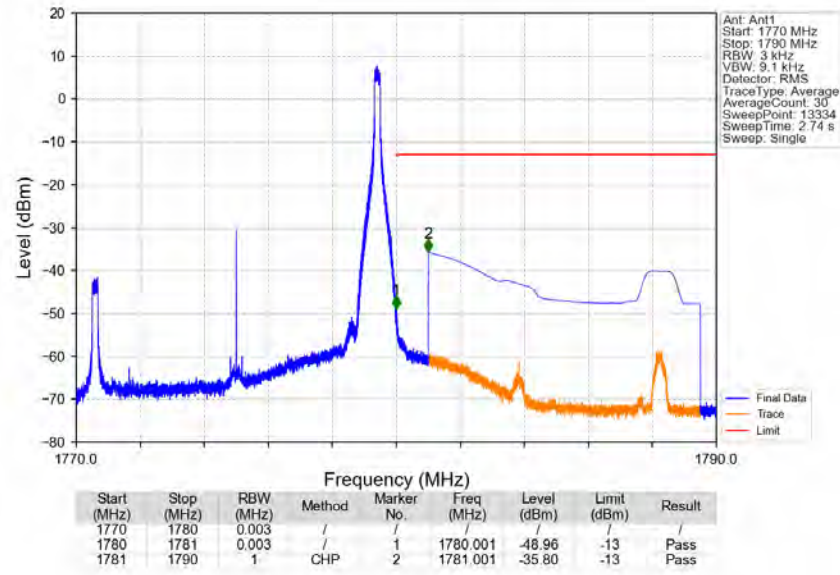
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



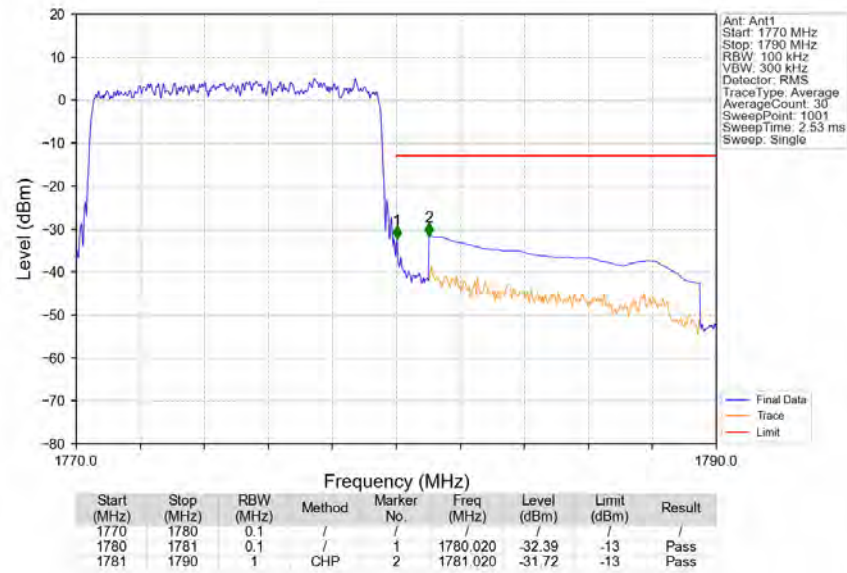
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



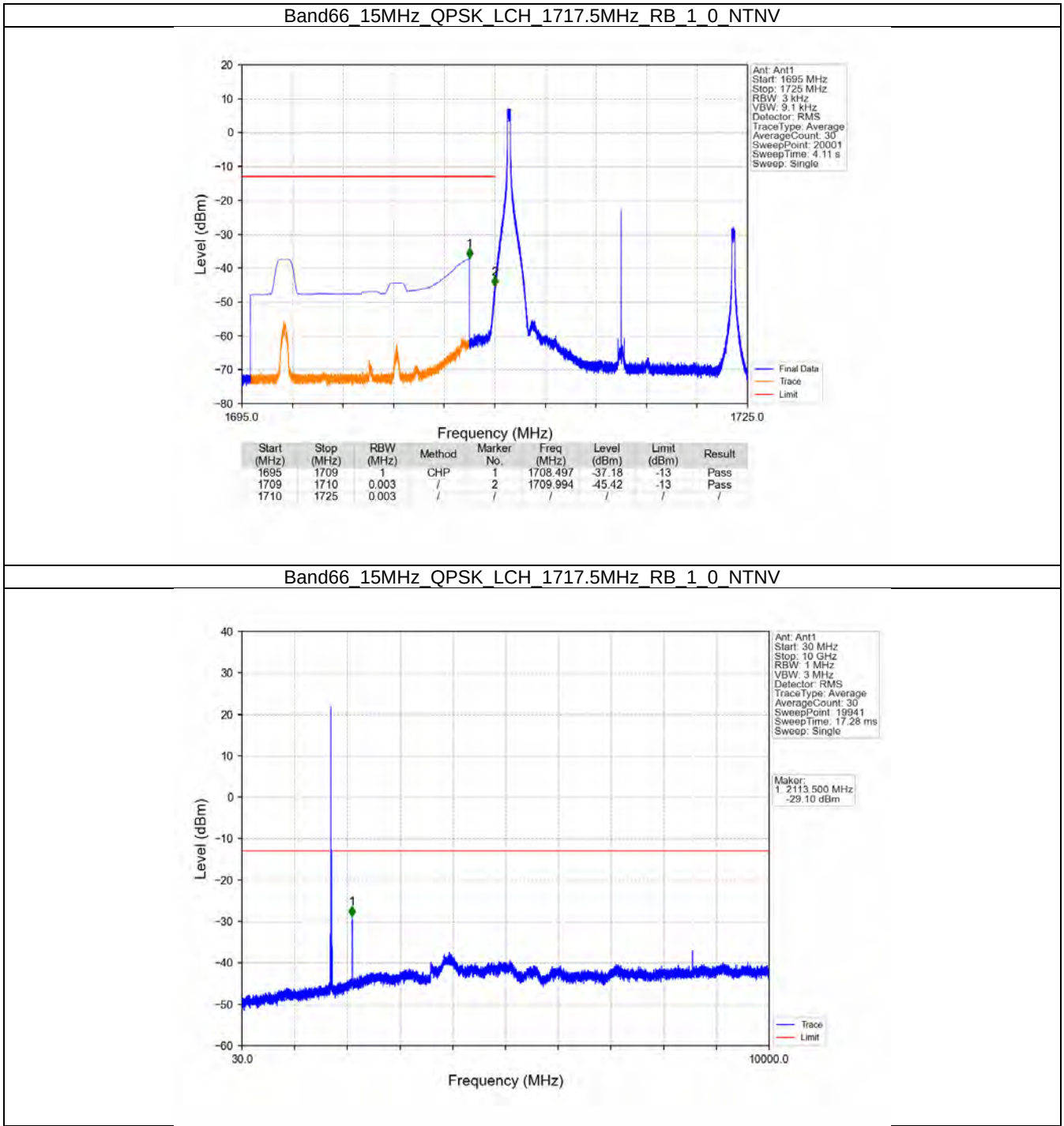
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTV



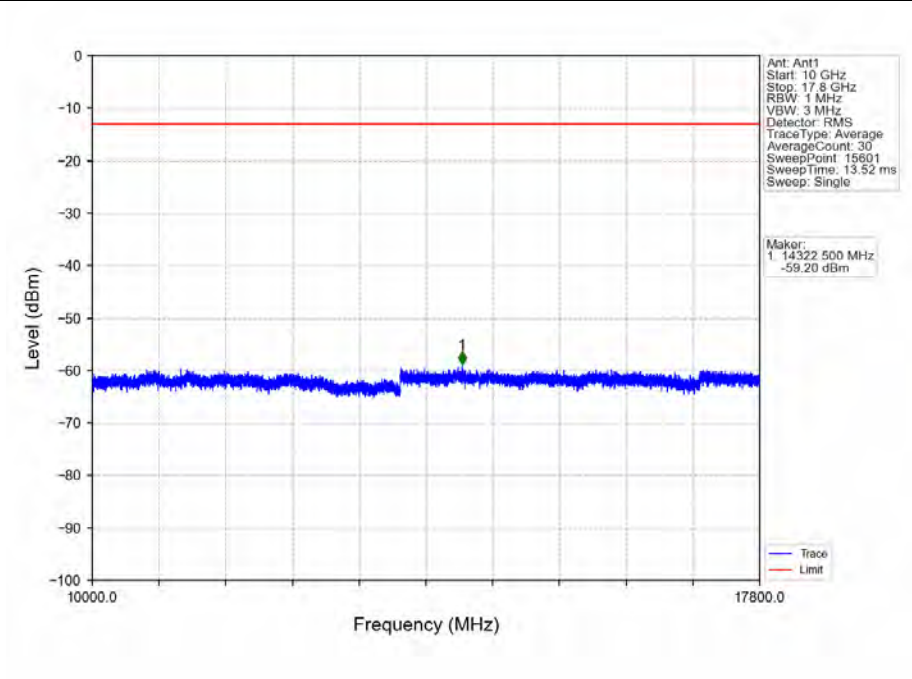
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTV



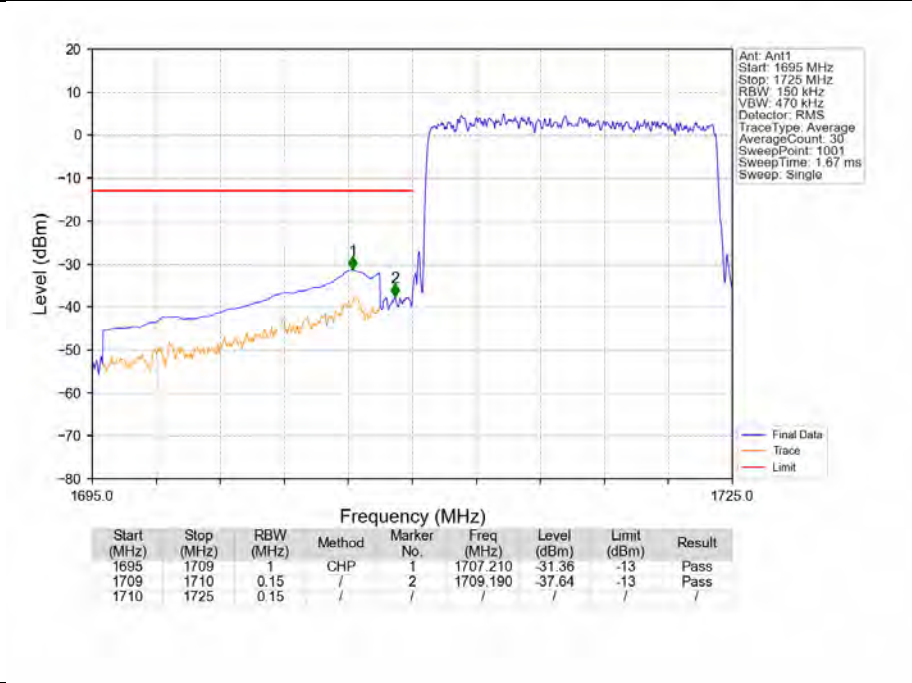
6.2.5 B66_15MHz



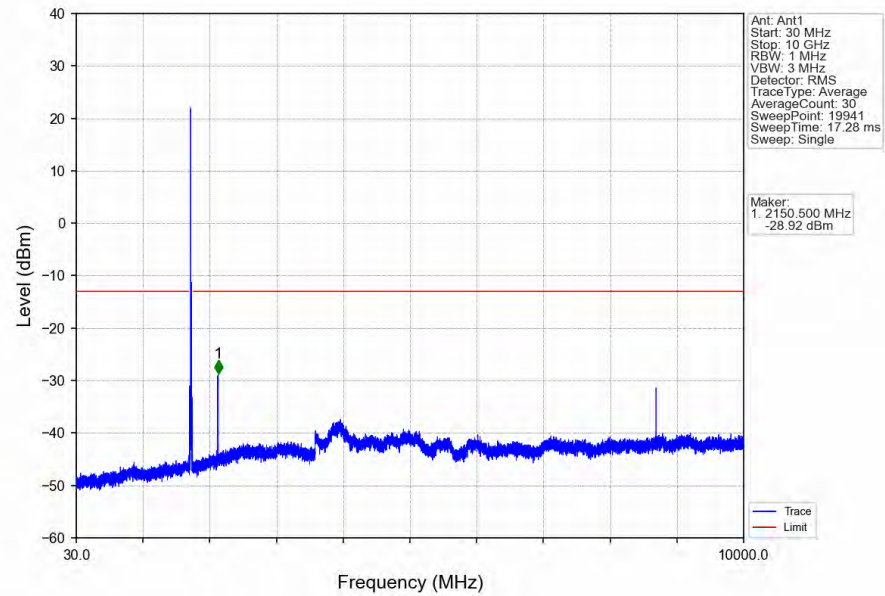
Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



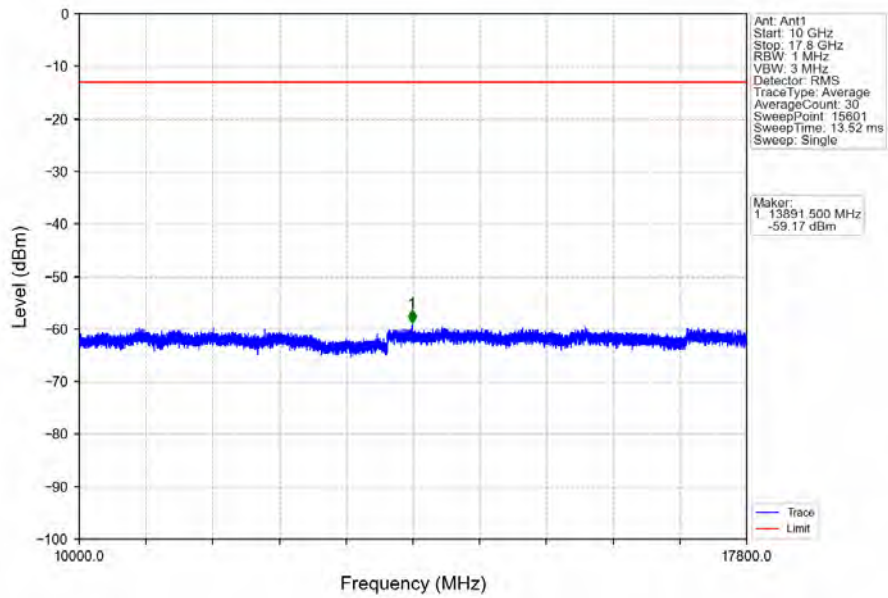
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



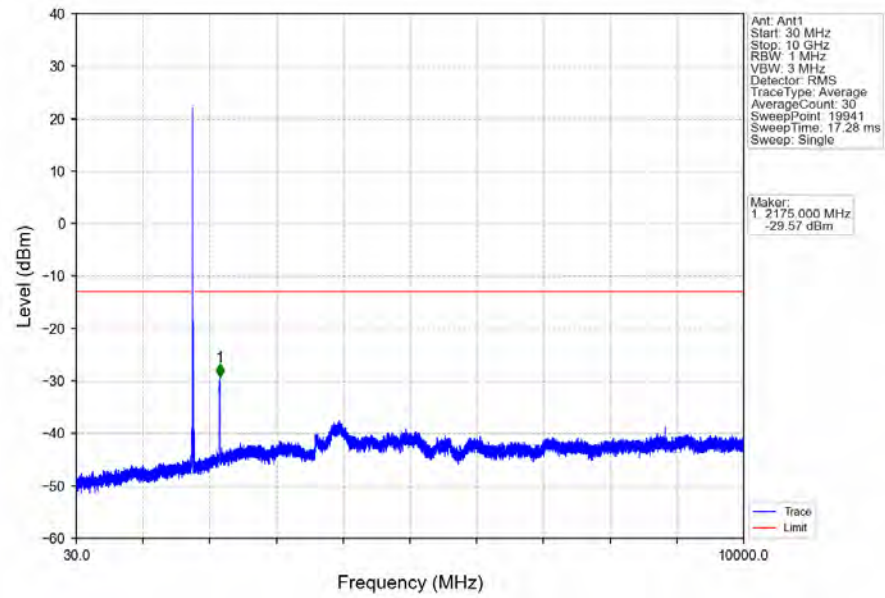
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



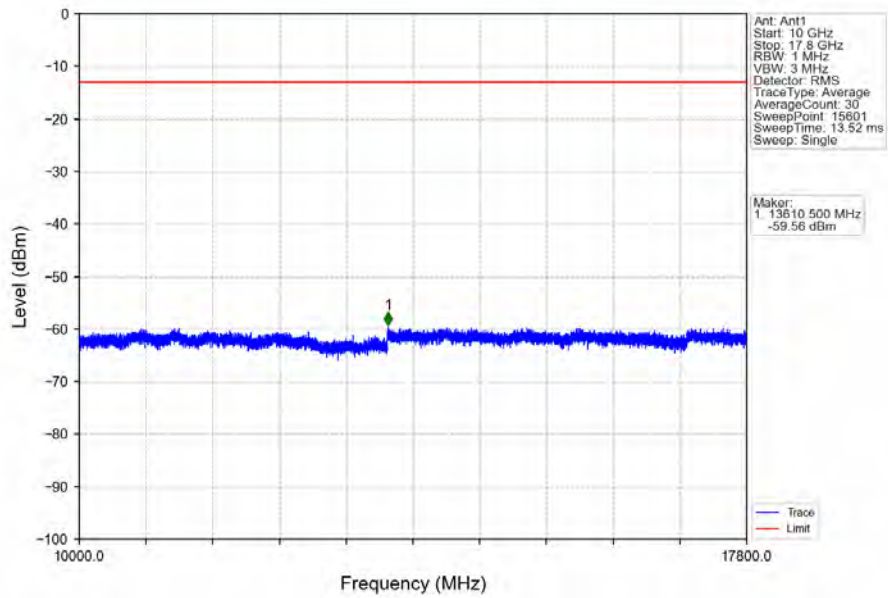
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



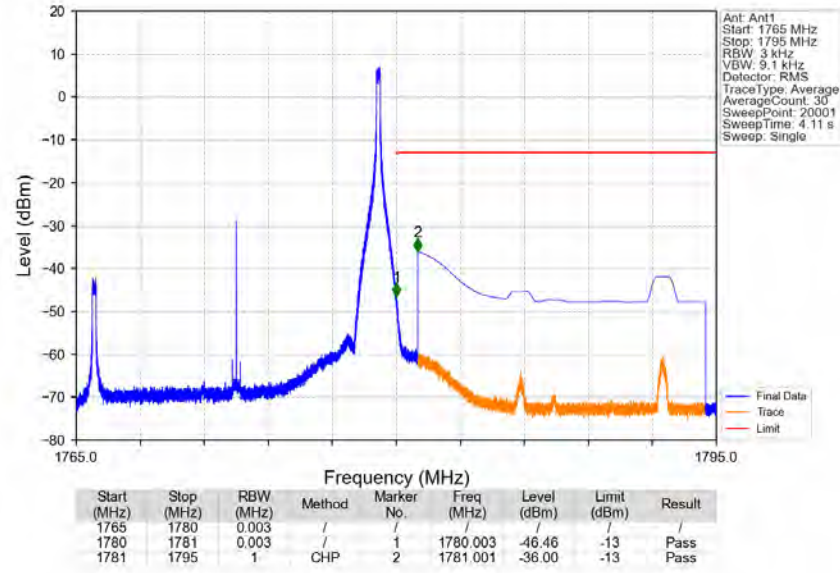
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



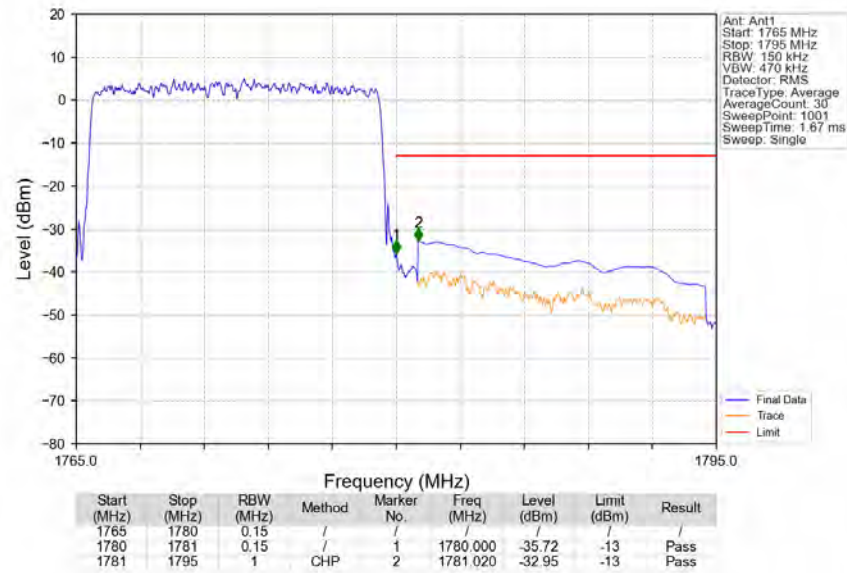
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



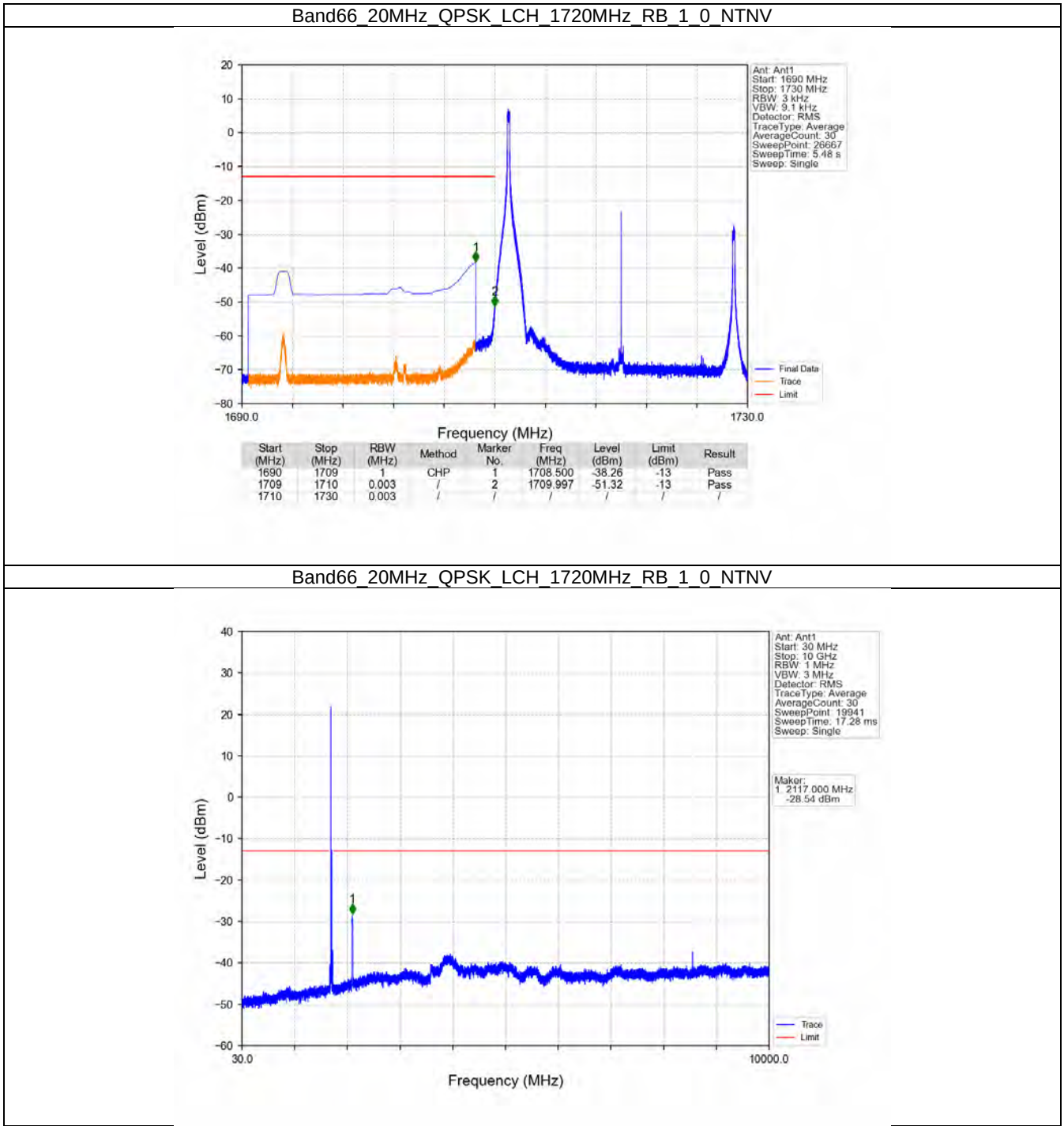
Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



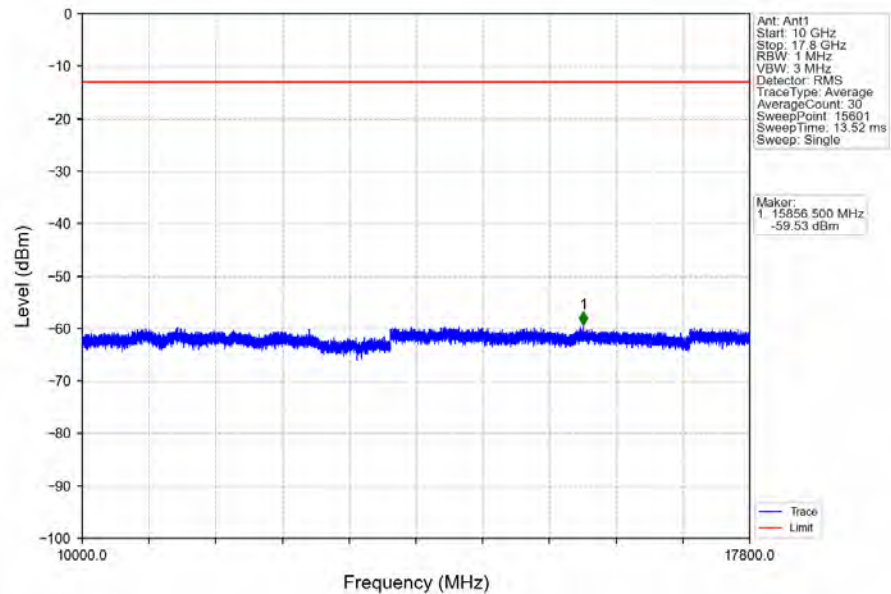
Band66 15MHz QPSK HCH 1772.5MHz RB 75_0 NTNV



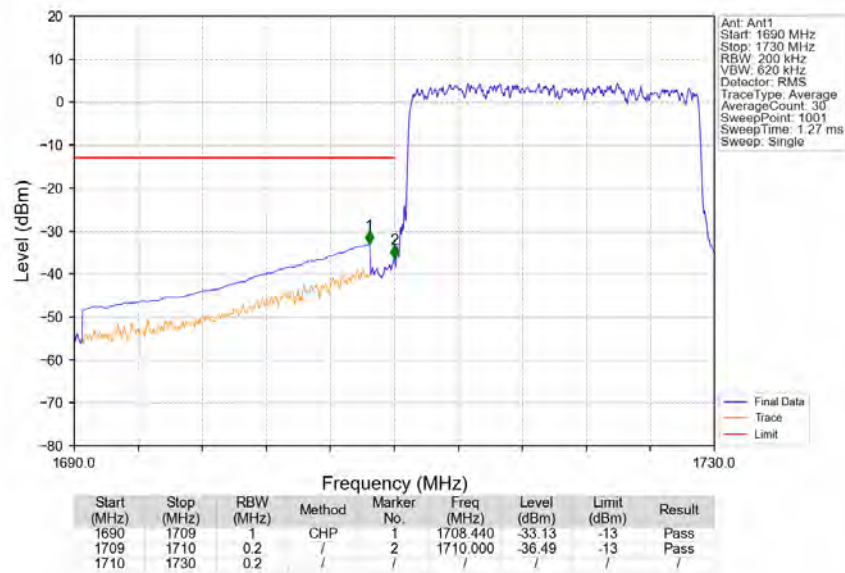
6.2.6 B66_20MHz



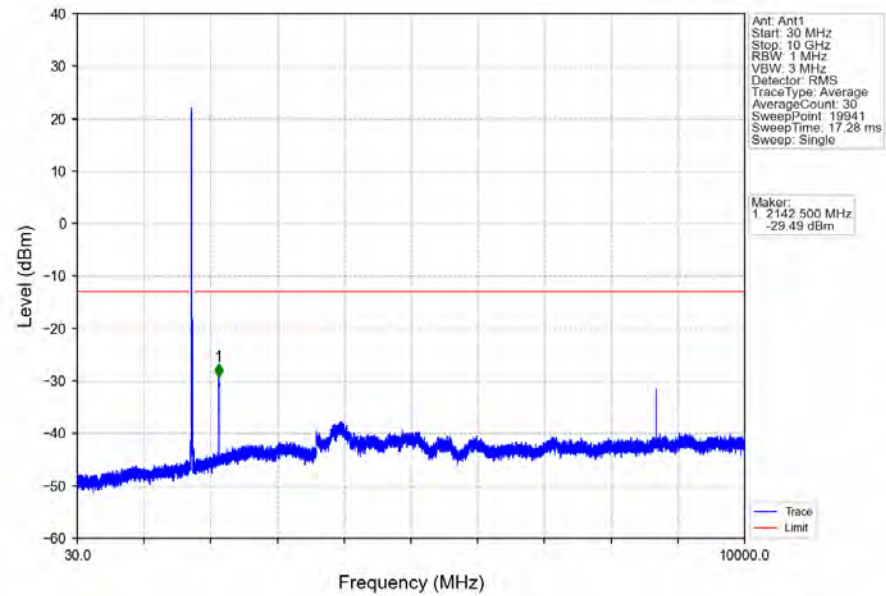
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



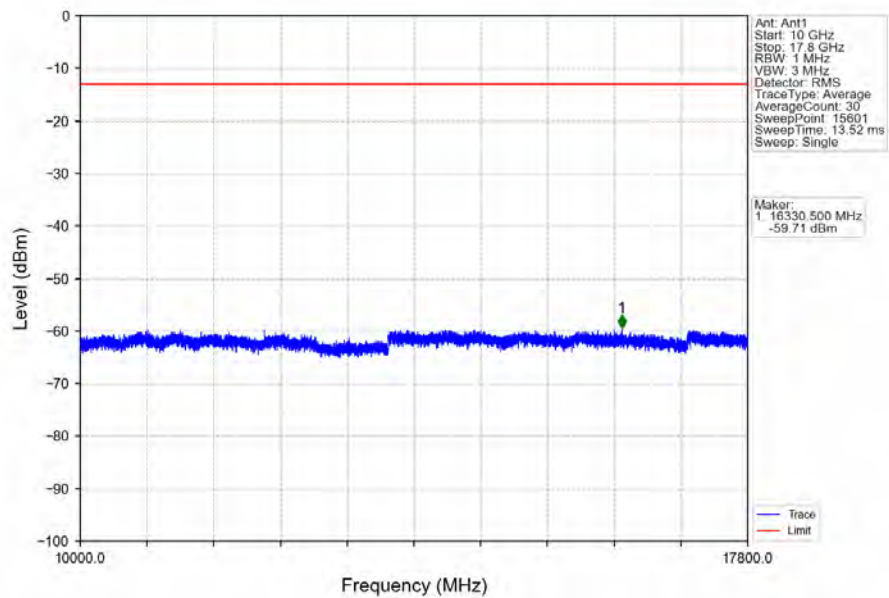
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



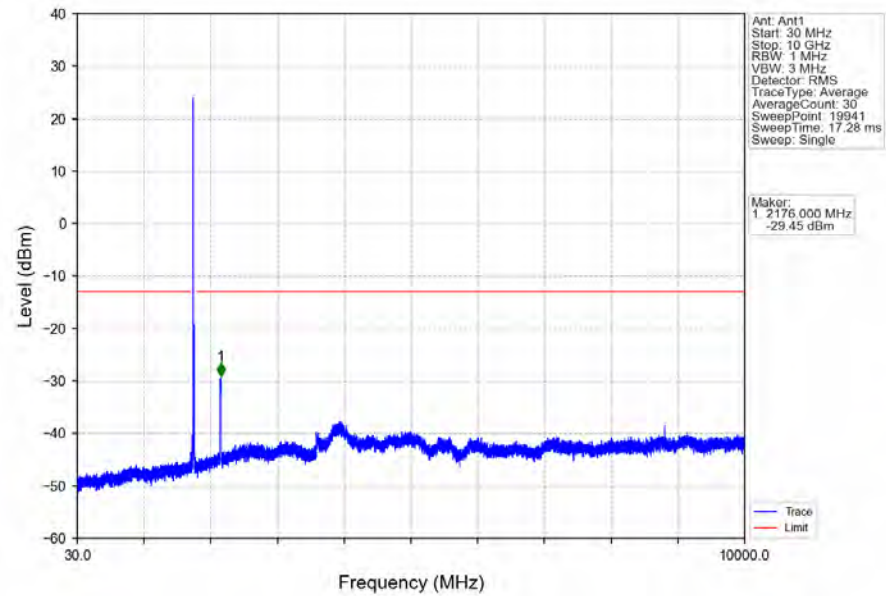
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



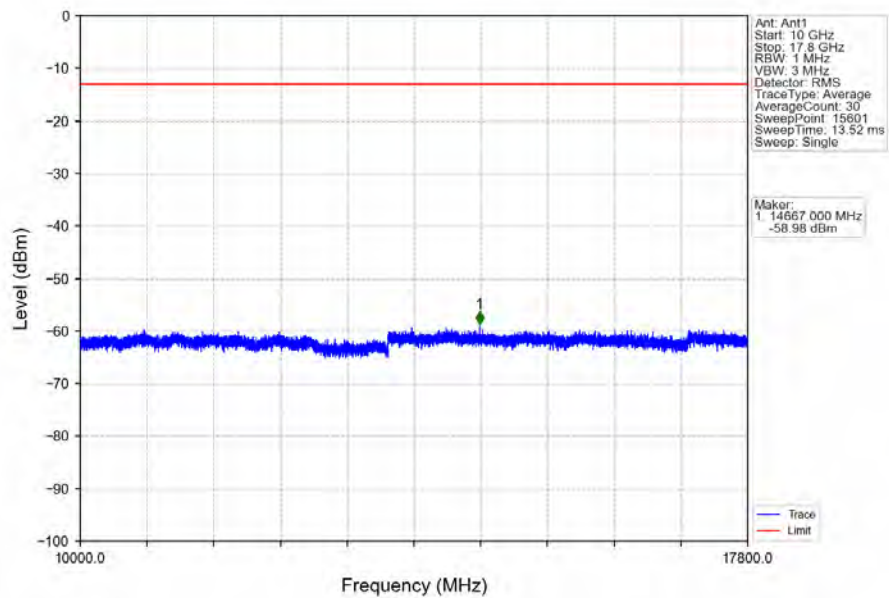
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



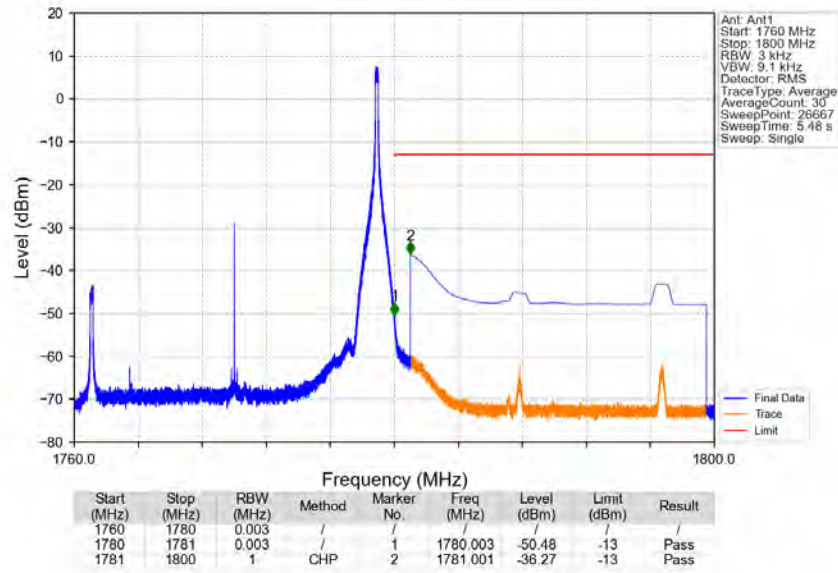
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



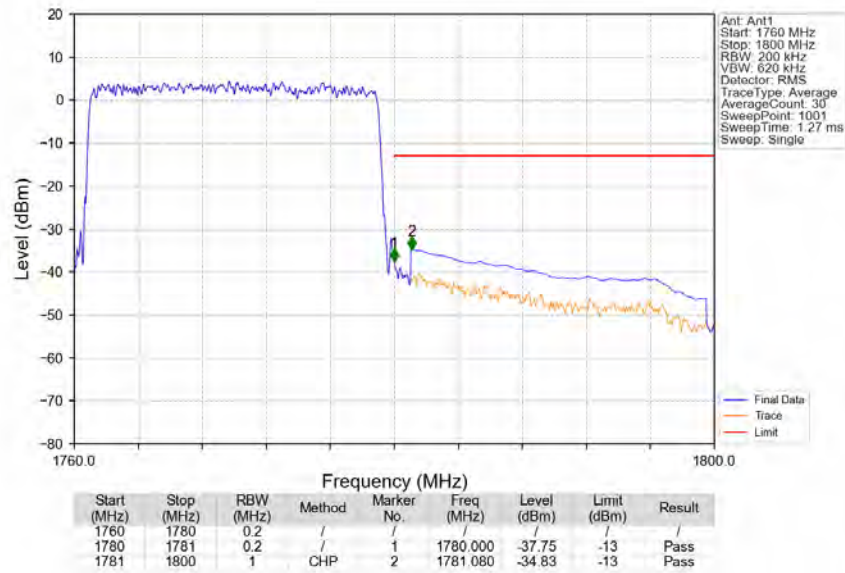
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



6. Field Strength of Spurious Radiation

LTE Band 66-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-51.82	-13	-38.82	-56.44	3.36	7.98	Horizontal	Pass
5133.0	-59.52	-13	-46.52	-65.13	4.61	10.22	Horizontal	Pass
8563.818	-33.28	-13	-20.28	-41.18	5.06	12.96	Horizontal	Pass
3422.0	-59.21	-13	-46.21	-63.83	3.36	7.98	Vertical	Pass
5133.0	-62.92	-13	-49.92	-68.53	4.61	10.22	Vertical	Pass
8563.818	-37.79	-13	-24.79	-45.69	5.06	12.96	Vertical	Pass

LTE Band 66-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-66.78	-13	-53.78	-71.49	3.39	8.1	Horizontal	Pass
5208.0	-62.9	-13	-49.9	-68.53	4.64	10.27	Horizontal	Pass
6944.0	-60.55	-13	-47.55	-66.7	4.91	11.06	Horizontal	Pass
3472.0	-66.52	-13	-53.52	-71.23	3.39	8.1	Vertical	Pass
5208.0	-62.65	-13	-49.65	-68.28	4.64	10.27	Vertical	Pass
6944.0	-61.14	-13	-48.14	-67.29	4.91	11.06	Vertical	Pass

LTE Band 66-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3522.0	-56.84	-13	-43.84	-61.62	3.42	8.2	Horizontal	Pass
5283.0	-59.1	-13	-46.1	-64.76	4.66	10.32	Horizontal	Pass
8814.957	-43.34	-13	-30.34	-51.32	5.12	13.1	Horizontal	Pass
3522.0	-63.55	-13	-50.55	-68.33	3.42	8.2	Vertical	Pass
5283.0	-63.12	-13	-50.12	-68.78	4.66	10.32	Vertical	Pass
8814.957	-49.81	-13	-36.81	-57.79	5.12	13.1	Vertical	Pass

---End of Attachment---