

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	18.92	-1.96	16.96	<=30	Pass
			2	19.12	-1.96	17.16	<=30	Pass
			5	18.84	-1.96	16.88	<=30	Pass
		3	0	19.04	-1.96	17.08	<=30	Pass
			2	18.99	-1.96	17.03	<=30	Pass
			3	19.03	-1.96	17.07	<=30	Pass
		6	0	17.93	-1.96	15.97	<=30	Pass
	1745	1	0	15.20	-1.96	13.24	<=30	Pass
			2	15.32	-1.96	13.36	<=30	Pass
			5	15.05	-1.96	13.09	<=30	Pass
		3	0	15.25	-1.96	13.29	<=30	Pass
			2	15.15	-1.96	13.19	<=30	Pass
			3	15.14	-1.96	13.18	<=30	Pass
		6	0	14.19	-1.96	12.23	<=30	Pass
	1779.3	1	0	10.80	-1.96	8.84	<=30	Pass
			2	11.00	-1.96	9.04	<=30	Pass
			5	10.29	-1.96	8.33	<=30	Pass
		3	0	10.52	-1.96	8.56	<=30	Pass
			2	10.43	-1.96	8.47	<=30	Pass
			3	10.52	-1.96	8.56	<=30	Pass
16QAM	1710.7	1	0	18.32	-1.96	16.36	<=30	Pass
			2	18.55	-1.96	16.59	<=30	Pass
			5	18.27	-1.96	16.31	<=30	Pass
		3	0	18.14	-1.96	16.18	<=30	Pass
			2	18.09	-1.96	16.13	<=30	Pass
			3	18.16	-1.96	16.20	<=30	Pass
		6	0	16.94	-1.96	14.98	<=30	Pass
	1745	1	0	14.11	-1.96	12.15	<=30	Pass
			2	14.25	-1.96	12.29	<=30	Pass
			5	13.97	-1.96	12.01	<=30	Pass
		3	0	14.13	-1.96	12.17	<=30	Pass
			2	14.09	-1.96	12.13	<=30	Pass
			3	14.07	-1.96	12.11	<=30	Pass
		6	0	13.18	-1.96	11.22	<=30	Pass
	1779.3	1	0	9.44	-1.96	7.48	<=30	Pass
			2	9.64	-1.96	7.68	<=30	Pass
			5	9.38	-1.96	7.42	<=30	Pass
		3	0	9.69	-1.96	7.73	<=30	Pass
			2	9.58	-1.96	7.62	<=30	Pass
			3	9.64	-1.96	7.68	<=30	Pass
		6	0	8.48	-1.96	6.52	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	18.76	-1.96	16.80	<=30	Pass
			7	18.34	-1.96	16.38	<=30	Pass
			14	18.36	-1.96	16.40	<=30	Pass
		8	0	17.49	-1.96	15.53	<=30	Pass
			4	17.44	-1.96	15.48	<=30	Pass
			7	17.33	-1.96	15.37	<=30	Pass
		15	0	17.40	-1.96	15.44	<=30	Pass
	1745	1	0	14.99	-1.96	13.03	<=30	Pass
			7	14.64	-1.96	12.68	<=30	Pass
			14	14.63	-1.96	12.67	<=30	Pass
		8	0	13.81	-1.96	11.85	<=30	Pass
			4	13.74	-1.96	11.78	<=30	Pass
			7	13.59	-1.96	11.63	<=30	Pass
		15	0	13.70	-1.96	11.74	<=30	Pass
	1778.5	1	0	10.65	-1.96	8.69	<=30	Pass
			7	10.39	-1.96	8.43	<=30	Pass
			14	10.40	-1.96	8.44	<=30	Pass
		8	0	9.63	-1.96	7.67	<=30	Pass
			4	9.60	-1.96	7.64	<=30	Pass
			7	9.48	-1.96	7.52	<=30	Pass
		15	0	9.54	-1.96	7.58	<=30	Pass
16QAM	1711.5	1	0	17.97	-1.96	16.01	<=30	Pass
			7	17.75	-1.96	15.79	<=30	Pass
			14	17.81	-1.96	15.85	<=30	Pass
		8	0	16.59	-1.96	14.63	<=30	Pass
			4	16.51	-1.96	14.55	<=30	Pass
			7	16.39	-1.96	14.43	<=30	Pass
		15	0	16.44	-1.96	14.48	<=30	Pass
	1745	1	0	13.91	-1.96	11.95	<=30	Pass
			7	13.54	-1.96	11.58	<=30	Pass
			14	13.49	-1.96	11.53	<=30	Pass
		8	0	12.77	-1.96	10.81	<=30	Pass
			4	12.69	-1.96	10.73	<=30	Pass
			7	12.55	-1.96	10.59	<=30	Pass
		15	0	12.73	-1.96	10.77	<=30	Pass
	1778.5	1	0	9.72	-1.96	7.76	<=30	Pass
			7	9.51	-1.96	7.55	<=30	Pass
			14	9.52	-1.96	7.56	<=30	Pass
		8	0	8.65	-1.96	6.69	<=30	Pass
4			8.57	-1.96	6.61	<=30	Pass	
7			8.50	-1.96	6.54	<=30	Pass	
15		0	8.51	-1.96	6.55	<=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	18.35	-1.96	16.39	<=30	Pass	
			13	18.28	-1.96	16.32	<=30	Pass	
			24	17.97	-1.96	16.01	<=30	Pass	
		12	0	17.34	-1.96	15.38	<=30	Pass	
			6	17.28	-1.96	15.32	<=30	Pass	
			13	17.10	-1.96	15.14	<=30	Pass	
		25	0	17.29	-1.96	15.33	<=30	Pass	
		1745	1	0	14.87	-1.96	12.91	<=30	Pass
				13	14.62	-1.96	12.66	<=30	Pass
	24			14.19	-1.96	12.23	<=30	Pass	
	12		0	13.77	-1.96	11.81	<=30	Pass	
			6	13.70	-1.96	11.74	<=30	Pass	
			13	13.39	-1.96	11.43	<=30	Pass	
	1777.5	1	0	13.65	-1.96	11.69	<=30	Pass	
			13	10.58	-1.96	8.62	<=30	Pass	
			24	10.55	-1.96	8.59	<=30	Pass	
		12	0	10.28	-1.96	8.32	<=30	Pass	
			0	9.64	-1.96	7.68	<=30	Pass	
			6	9.62	-1.96	7.66	<=30	Pass	
		13	9.41	-1.96	7.45	<=30	Pass		
		25	0	9.58	-1.96	7.62	<=30	Pass	
16QAM		1712.5	1	0	17.31	-1.96	15.35	<=30	Pass
	13			17.27	-1.96	15.31	<=30	Pass	
	24			16.94	-1.96	14.98	<=30	Pass	
	12		0	16.46	-1.96	14.50	<=30	Pass	
			6	16.39	-1.96	14.43	<=30	Pass	
			13	16.18	-1.96	14.22	<=30	Pass	
	25		0	16.38	-1.96	14.42	<=30	Pass	
	1745	1	0	14.31	-1.96	12.35	<=30	Pass	
			13	14.04	-1.96	12.08	<=30	Pass	
			24	13.63	-1.96	11.67	<=30	Pass	
		12	0	12.81	-1.96	10.85	<=30	Pass	
			6	12.71	-1.96	10.75	<=30	Pass	
			13	12.49	-1.96	10.53	<=30	Pass	
	25	0	12.63	-1.96	10.67	<=30	Pass		
	1777.5	1	0	9.77	-1.96	7.81	<=30	Pass	
			13	9.77	-1.96	7.81	<=30	Pass	
			24	9.49	-1.96	7.53	<=30	Pass	
		12	0	8.67	-1.96	6.71	<=30	Pass	
			6	8.64	-1.96	6.68	<=30	Pass	
			13	8.42	-1.96	6.46	<=30	Pass	
		25	0	8.55	-1.96	6.59	<=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	18.43	-1.96	16.47	<=30	Pass
			25	18.15	-1.96	16.19	<=30	Pass

		25	49	17.55	-1.96	15.59	<=30	Pass	
			0	17.40	-1.96	15.44	<=30	Pass	
			13	17.12	-1.96	15.16	<=30	Pass	
			25	16.79	-1.96	14.83	<=30	Pass	
		50	0	17.13	-1.96	15.17	<=30	Pass	
	1745	1	0	15.27	-1.96	13.31	<=30	Pass	
			25	14.81	-1.96	12.85	<=30	Pass	
			49	13.90	-1.96	11.94	<=30	Pass	
		25	0	14.06	-1.96	12.10	<=30	Pass	
			13	13.71	-1.96	11.75	<=30	Pass	
			25	13.30	-1.96	11.34	<=30	Pass	
		50	0	13.69	-1.96	11.73	<=30	Pass	
		1775	1	0	10.92	-1.96	8.96	<=30	Pass
				25	10.77	-1.96	8.81	<=30	Pass
	49			10.35	-1.96	8.39	<=30	Pass	
	25		0	10.04	-1.96	8.08	<=30	Pass	
			13	9.82	-1.96	7.86	<=30	Pass	
			25	9.57	-1.96	7.61	<=30	Pass	
	50		0	9.79	-1.96	7.83	<=30	Pass	
	16QAM	1715	1	0	17.81	-1.96	15.85	<=30	Pass
25				17.58	-1.96	15.62	<=30	Pass	
49				16.98	-1.96	15.02	<=30	Pass	
25			0	16.43	-1.96	14.47	<=30	Pass	
			13	16.15	-1.96	14.19	<=30	Pass	
			25	15.82	-1.96	13.86	<=30	Pass	
50			0	16.15	-1.96	14.19	<=30	Pass	
1745		1	0	14.20	-1.96	12.24	<=30	Pass	
			25	13.66	-1.96	11.70	<=30	Pass	
			49	12.81	-1.96	10.85	<=30	Pass	
		25	0	13.08	-1.96	11.12	<=30	Pass	
			13	12.73	-1.96	10.77	<=30	Pass	
			25	12.35	-1.96	10.39	<=30	Pass	
		50	0	12.65	-1.96	10.69	<=30	Pass	
1775		1	0	10.02	-1.96	8.06	<=30	Pass	
			25	9.84	-1.96	7.88	<=30	Pass	
			49	9.41	-1.96	7.45	<=30	Pass	
		25	0	9.07	-1.96	7.11	<=30	Pass	
			13	8.86	-1.96	6.90	<=30	Pass	
			25	8.67	-1.96	6.71	<=30	Pass	
		50	0	8.82	-1.96	6.86	<=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	18.15	-1.96	16.19	<=30	Pass
			38	17.71	-1.96	15.75	<=30	Pass
			74	16.76	-1.96	14.80	<=30	Pass
		36	0	17.07	-1.96	15.11	<=30	Pass
			18	16.71	-1.96	14.75	<=30	Pass
			39	16.26	-1.96	14.30	<=30	Pass

	1745	75	0	16.77	-1.96	14.81	<=30	Pass		
		1	0	15.44	-1.96	13.48	<=30	Pass		
			38	14.65	-1.96	12.69	<=30	Pass		
			74	13.35	-1.96	11.39	<=30	Pass		
			0	14.12	-1.96	12.16	<=30	Pass		
		36	18	13.69	-1.96	11.73	<=30	Pass		
			39	12.97	-1.96	11.01	<=30	Pass		
			75	0	13.63	-1.96	11.67	<=30	Pass	
		1772.5	1	0	11.17	-1.96	9.21	<=30	Pass	
	38			10.87	-1.96	8.91	<=30	Pass		
	74			10.23	-1.96	8.27	<=30	Pass		
	36		0	10.15	-1.96	8.19	<=30	Pass		
			18	9.87	-1.96	7.91	<=30	Pass		
			39	9.61	-1.96	7.65	<=30	Pass		
	75		0	9.89	-1.96	7.93	<=30	Pass		
	16QAM		1717.5	1	0	17.20	-1.96	15.24	<=30	Pass
					38	16.71	-1.96	14.75	<=30	Pass
		74			15.74	-1.96	13.78	<=30	Pass	
36		0		16.11	-1.96	14.15	<=30	Pass		
		18		15.80	-1.96	13.84	<=30	Pass		
		39		15.30	-1.96	13.34	<=30	Pass		
75		0	15.81	-1.96	13.85	<=30	Pass			
1745		1	0	14.37	-1.96	12.41	<=30	Pass		
			38	13.55	-1.96	11.59	<=30	Pass		
			74	12.22	-1.96	10.26	<=30	Pass		
		36	0	13.14	-1.96	11.18	<=30	Pass		
			18	12.69	-1.96	10.73	<=30	Pass		
			39	11.98	-1.96	10.02	<=30	Pass		
75		0	12.59	-1.96	10.63	<=30	Pass			
1772.5		1	0	10.22	-1.96	8.26	<=30	Pass		
			38	9.94	-1.96	7.98	<=30	Pass		
			74	9.33	-1.96	7.37	<=30	Pass		
		36	0	9.11	-1.96	7.15	<=30	Pass		
			18	8.89	-1.96	6.93	<=30	Pass		
			39	8.58	-1.96	6.62	<=30	Pass		
75		0	8.88	-1.96	6.92	<=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	18.08	-1.96	16.12	<=30	Pass
			50	17.46	-1.96	15.50	<=30	Pass
			99	16.17	-1.96	14.21	<=30	Pass
		50	0	17.10	-1.96	15.14	<=30	Pass
			25	16.51	-1.96	14.55	<=30	Pass
			50	15.99	-1.96	14.03	<=30	Pass
		100	0	16.56	-1.96	14.60	<=30	Pass
	1745	1	0	15.50	-1.96	13.54	<=30	Pass
			50	14.68	-1.96	12.72	<=30	Pass
			99	12.70	-1.96	10.74	<=30	Pass

		50	0	14.27	-1.96	12.31	<=30	Pass
			25	13.64	-1.96	11.68	<=30	Pass
			50	12.81	-1.96	10.85	<=30	Pass
		100	0	13.60	-1.96	11.64	<=30	Pass
	1770	1	0	11.48	-1.96	9.52	<=30	Pass
			50	11.04	-1.96	9.08	<=30	Pass
			99	10.11	-1.96	8.15	<=30	Pass
		50	0	10.34	-1.96	8.38	<=30	Pass
			25	10.04	-1.96	8.08	<=30	Pass
			50	9.56	-1.96	7.60	<=30	Pass
		100	0	9.99	-1.96	8.03	<=30	Pass
16QAM	1720	1	0	17.17	-1.96	15.21	<=30	Pass
			50	16.61	-1.96	14.65	<=30	Pass
			99	15.26	-1.96	13.30	<=30	Pass
		50	0	16.08	-1.96	14.12	<=30	Pass
			25	15.48	-1.96	13.52	<=30	Pass
			50	15.01	-1.96	13.05	<=30	Pass
		100	0	15.58	-1.96	13.62	<=30	Pass
	1745	1	0	14.36	-1.96	12.40	<=30	Pass
			50	13.53	-1.96	11.57	<=30	Pass
			99	11.61	-1.96	9.65	<=30	Pass
		50	0	13.23	-1.96	11.27	<=30	Pass
			25	12.64	-1.96	10.68	<=30	Pass
			50	11.81	-1.96	9.85	<=30	Pass
		100	0	12.57	-1.96	10.61	<=30	Pass
	1770	1	0	10.94	-1.96	8.98	<=30	Pass
			50	10.48	-1.96	8.52	<=30	Pass
			99	9.57	-1.96	7.61	<=30	Pass
		50	0	9.34	-1.96	7.38	<=30	Pass
			25	9.07	-1.96	7.11	<=30	Pass
			50	8.60	-1.96	6.64	<=30	Pass
		100	0	8.98	-1.96	7.02	<=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	-9.484	-0.0055	-2.5 to 2.5	Pass
					3.85	5.779	0.0034	-2.5 to 2.5	Pass
					4.43	-8.240	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.831	0.0011	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-8.941	-0.0052	-2.5 to 2.5	Pass

	1745	6	0	20	3.27	-11.029	-0.0063	-2.5 to 2.5	Pass
					3.85	-8.512	-0.0049	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-9.270	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
	50	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	-4.621	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0030	-2.5 to 2.5	Pass
					4.43	5.422	0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	4.048	0.0023	-2.5 to 2.5	Pass
				0	3.85	-7.768	-0.0044	-2.5 to 2.5	Pass
				10	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				30	3.85	3.119	0.0018	-2.5 to 2.5	Pass
40				3.85	-5.093	-0.0029	-2.5 to 2.5	Pass	
50	3.85	3.719	0.0021	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	-3.891	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
					4.43	2.489	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-10.457	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-8.998	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-6.337	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	-12.431	-0.0071	-2.5 to 2.5	Pass
					3.85	0.072	0.0000	-2.5 to 2.5	Pass
					4.43	-12.317	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	4.234	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-9.298	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-9.398	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
	50	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	-6.151	-0.0035	-2.5 to 2.5	Pass
					3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
					4.43	-5.879	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-12.360	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-5.894	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
30				3.85	-5.536	-0.0031	-2.5 to 2.5	Pass	
40				3.85	-5.264	-0.0030	-2.5 to 2.5	Pass	
50	3.85	-11.287	-0.0063	-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	-0.801	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
					4.43	7.067	0.0041	-2.5 to 2.5	Pass
				-30	3.85	8.469	0.0049	-2.5 to 2.5	Pass
				-20	3.85	6.166	0.0036	-2.5 to 2.5	Pass
				-10	3.85	9.370	0.0055	-2.5 to 2.5	Pass
				0	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				10	3.85	-6.781	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-9.971	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-17.810	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-11.644	-0.0068	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-12.345	-0.0071	-2.5 to 2.5	Pass
					3.85	-8.955	-0.0051	-2.5 to 2.5	Pass
					4.43	-11.730	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-9.227	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-11.215	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-10.057	-0.0058	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-6.881	-0.0039	-2.5 to 2.5	Pass
					3.85	-9.499	-0.0053	-2.5 to 2.5	Pass
					4.43	3.977	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				10	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.394	-0.0036	-2.5 to 2.5	Pass
				40	3.85	2.747	0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-6.166	-0.0036	-2.5 to 2.5	Pass
					3.85	2.890	0.0017	-2.5 to 2.5	Pass
					4.43	-8.397	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.911	-0.0046	-2.5 to 2.5	Pass
				0	3.85	4.463	0.0026	-2.5 to 2.5	Pass
				10	3.85	-7.224	-0.0042	-2.5 to 2.5	Pass
				30	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.807	-0.0028	-2.5 to 2.5	Pass
					3.85	-7.153	-0.0041	-2.5 to 2.5	Pass
					4.43	6.452	0.0037	-2.5 to 2.5	Pass
				-30	3.85	-9.813	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-8.526	-0.0049	-2.5 to 2.5	Pass

				-10	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				0	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				10	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
				50	3.85	3.076	0.0018	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-1.717	-0.0010	-2.5 to 2.5	Pass
					3.85	-10.686	-0.0060	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-19.083	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-12.159	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-5.407	-0.0030	-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	-0.443	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
					4.43	3.419	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-10.428	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-14.892	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-5.264	-0.0030	-2.5 to 2.5	Pass
					3.85	-8.626	-0.0049	-2.5 to 2.5	Pass
					4.43	-9.027	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-14.434	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				30	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				40	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-3.777	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.43	-7.610	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				0	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.616	0.0009	-2.5 to 2.5	Pass

				30	3.85	3.777	0.0021	-2.5 to 2.5	Pass
				40	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-2.575	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.262	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-10.386	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.974	0.0012	-2.5 to 2.5	Pass
				30	3.85	-7.753	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-7.739	-0.0044	-2.5 to 2.5	Pass
					3.85	-8.984	-0.0051	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-9.828	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				40	3.85	2.747	0.0016	-2.5 to 2.5	Pass
				50	3.85	0.572	0.0003	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-6.723	-0.0038	-2.5 to 2.5	Pass
					3.85	1.702	0.0010	-2.5 to 2.5	Pass
					4.43	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-9.427	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-6.294	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.320	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.805	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0033	-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	-2.089	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	0.086	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass

	1745	50	0	20	3.27	-9.527	-0.0055	-2.5 to 2.5	Pass
					3.85	-8.597	-0.0049	-2.5 to 2.5	Pass
					4.43	-6.523	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	13.847	0.0079	-2.5 to 2.5	Pass
				-10	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-8.512	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-9.584	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0001	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-6.595	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.975	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-8.025	-0.0045	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-7.753	-0.0045	-2.5 to 2.5	Pass
					3.85	-10.672	-0.0062	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-1.831	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-8.039	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-1.674	-0.0009	-2.5 to 2.5	Pass
					3.85	-4.692	-0.0026	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0008	-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	-6.952	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.206	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-10.414	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-9.899	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-10.514	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-7.524	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-9.799	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-6.223	-0.0036	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0037	-2.5 to 2.5	Pass
					4.43	-3.562	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0008	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-5.693	-0.0032	-2.5 to 2.5	Pass
					3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-5.937	-0.0033	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-5.922	-0.0034	-2.5 to 2.5	Pass
					3.85	-8.368	-0.0049	-2.5 to 2.5	Pass
					4.43	-7.725	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.926	-0.0052	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.432	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.262	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass

				-10	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				0	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-5.507	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.267	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.221	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-8.039	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-8.039	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-5.507	-0.0031	-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	-4.535	-0.0026	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.839	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-12.016	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-7.668	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.249	-0.0024	-2.5 to 2.5	Pass
					3.85	-8.669	-0.0050	-2.5 to 2.5	Pass
					4.43	-10.443	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-7.339	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-5.350	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.523	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-9.599	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-7.896	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-7.567	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-6.452	-0.0036	-2.5 to 2.5	Pass

				30	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-5.937	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-9.184	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				0	3.85	-9.084	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.090	-0.0018	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.263	-0.0024	-2.5 to 2.5	Pass
					3.85	-9.527	-0.0054	-2.5 to 2.5	Pass
					4.43	-1.416	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-7.954	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-9.384	-0.0053	-2.5 to 2.5	Pass

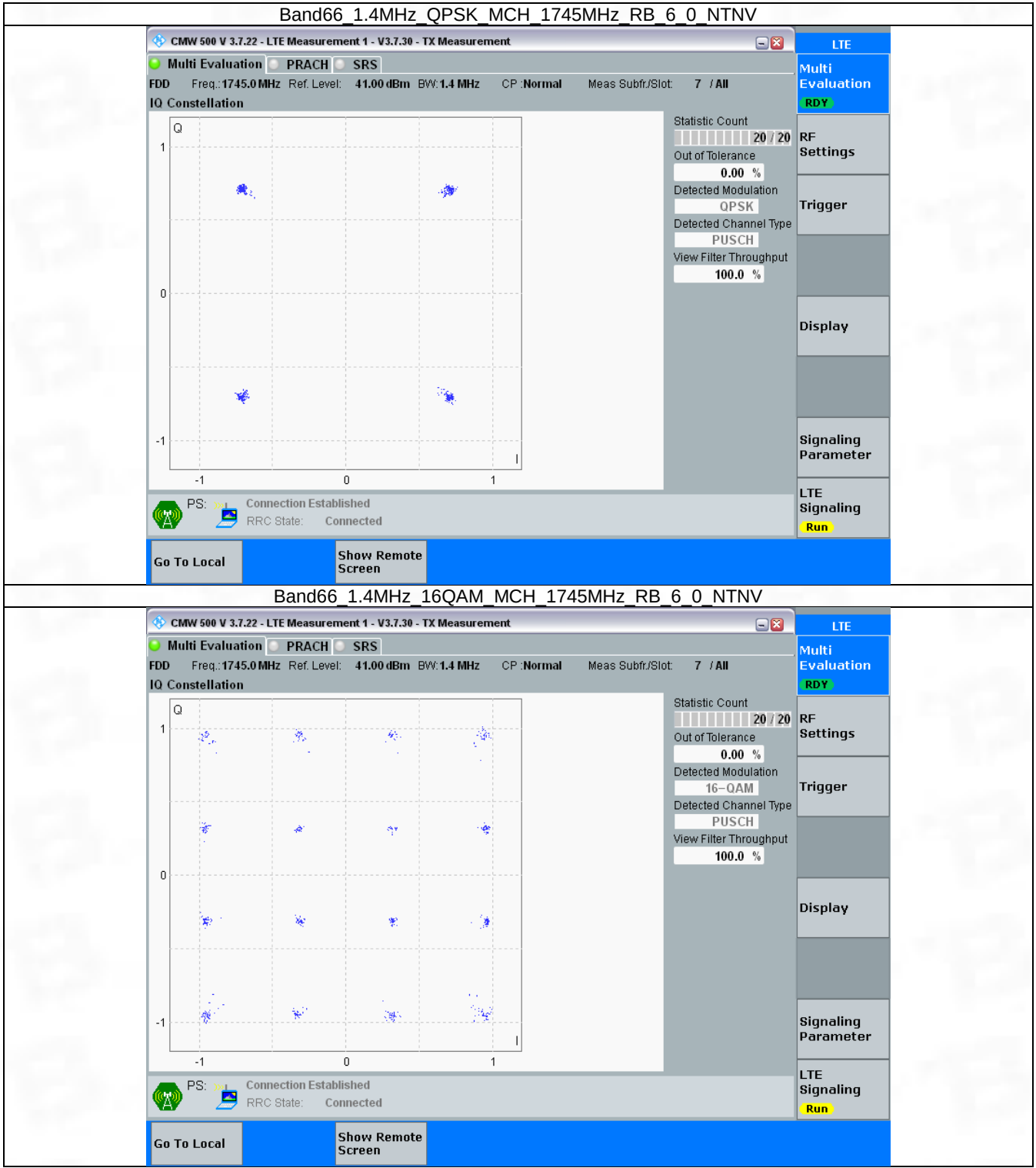
3. Modulation Characteristics

3.1 B66_1.4MHz

3.1.1 Test Result

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

3.1.2 Test Graph

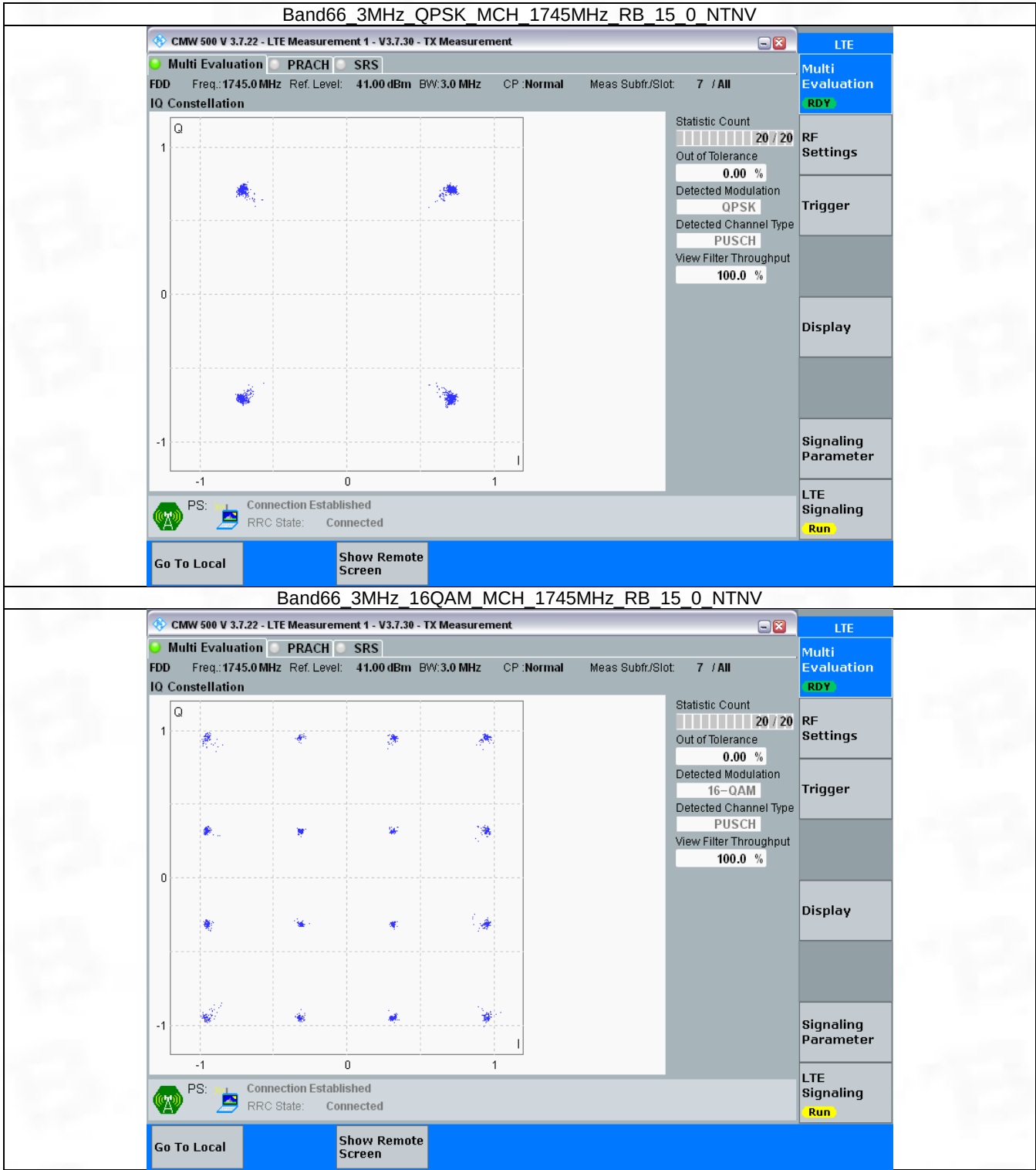


3.2 B66_3MHz

3.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTN						
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

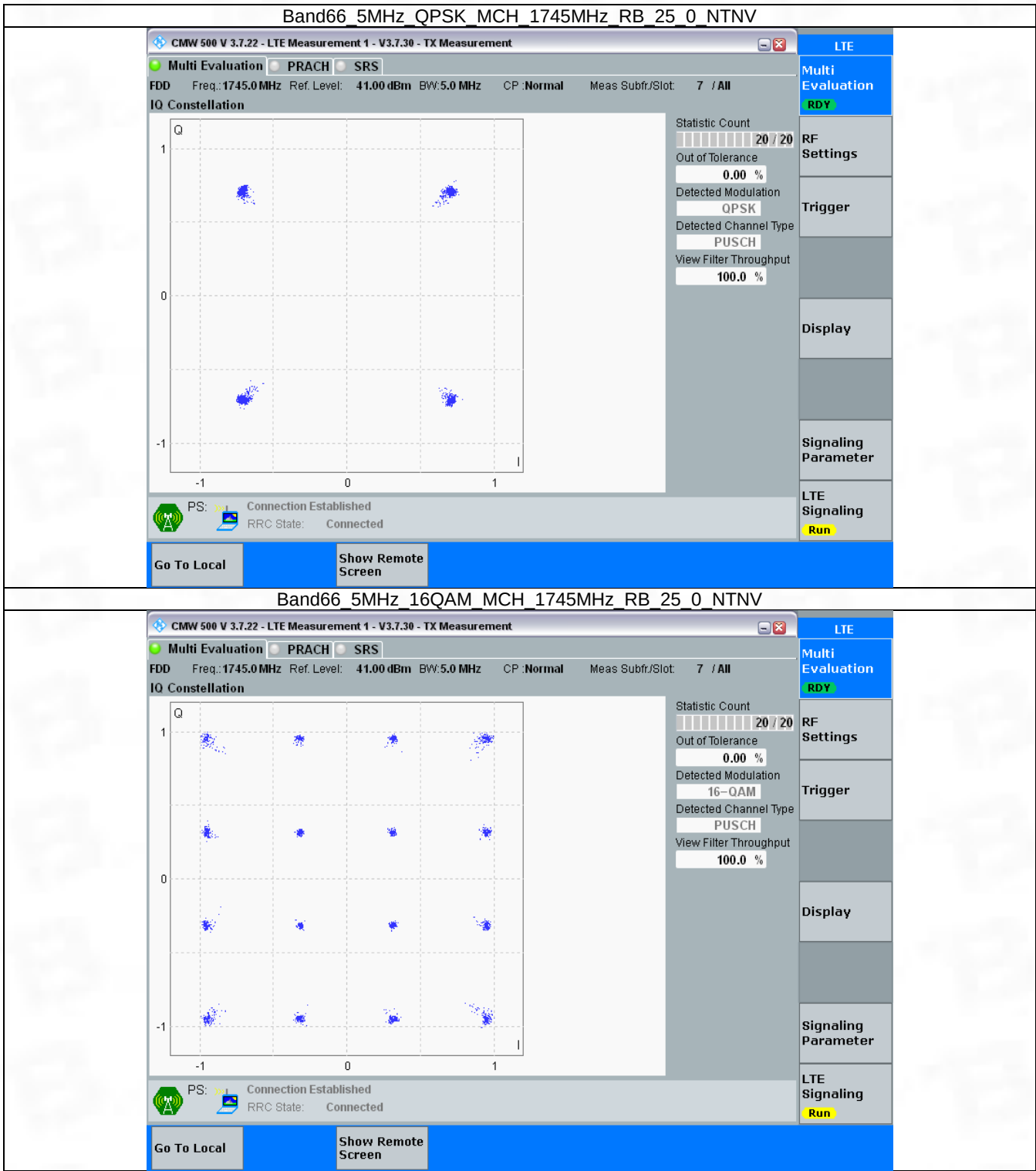


3.3 B66_5MHz

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

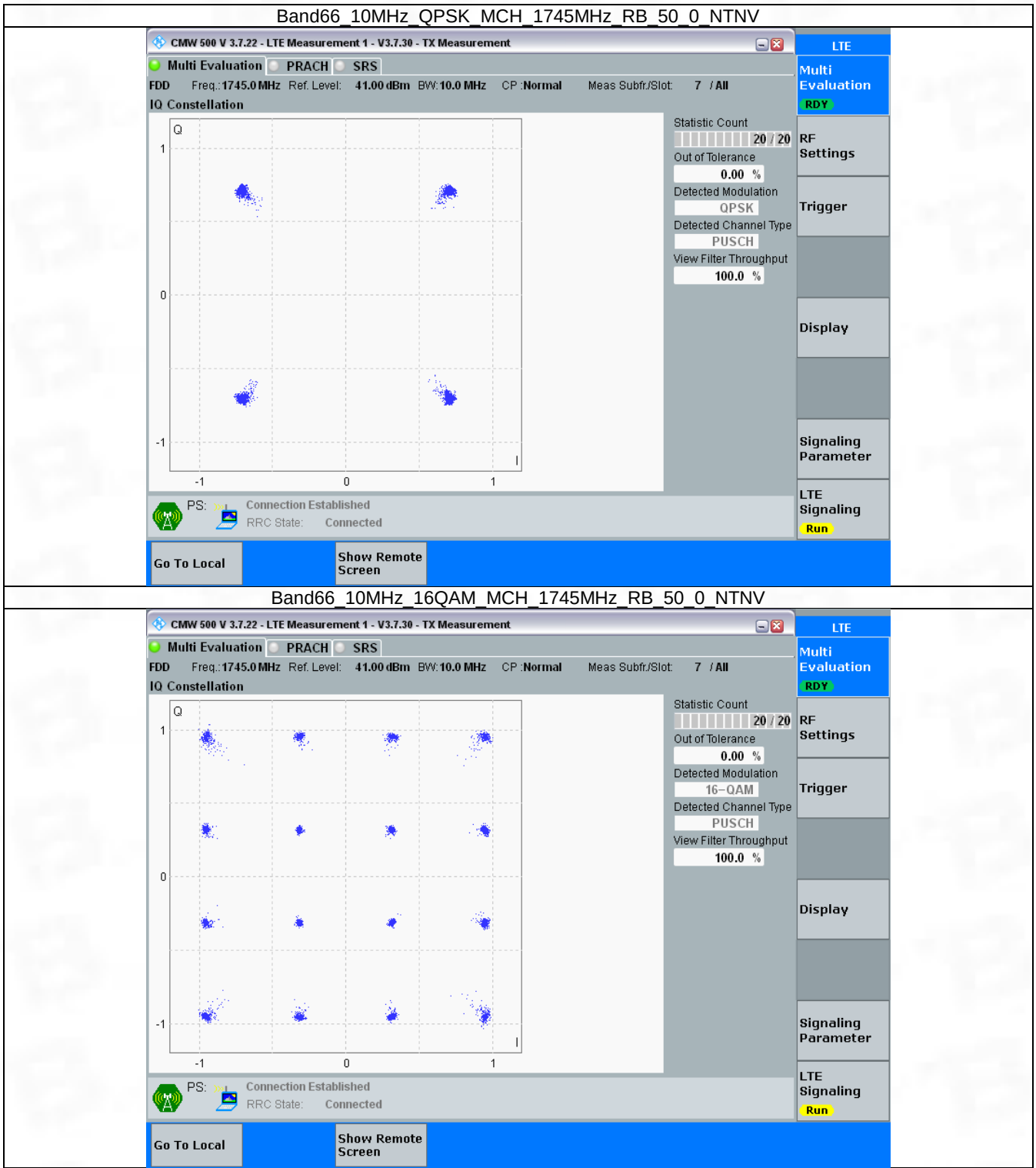


3.4 B66_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph

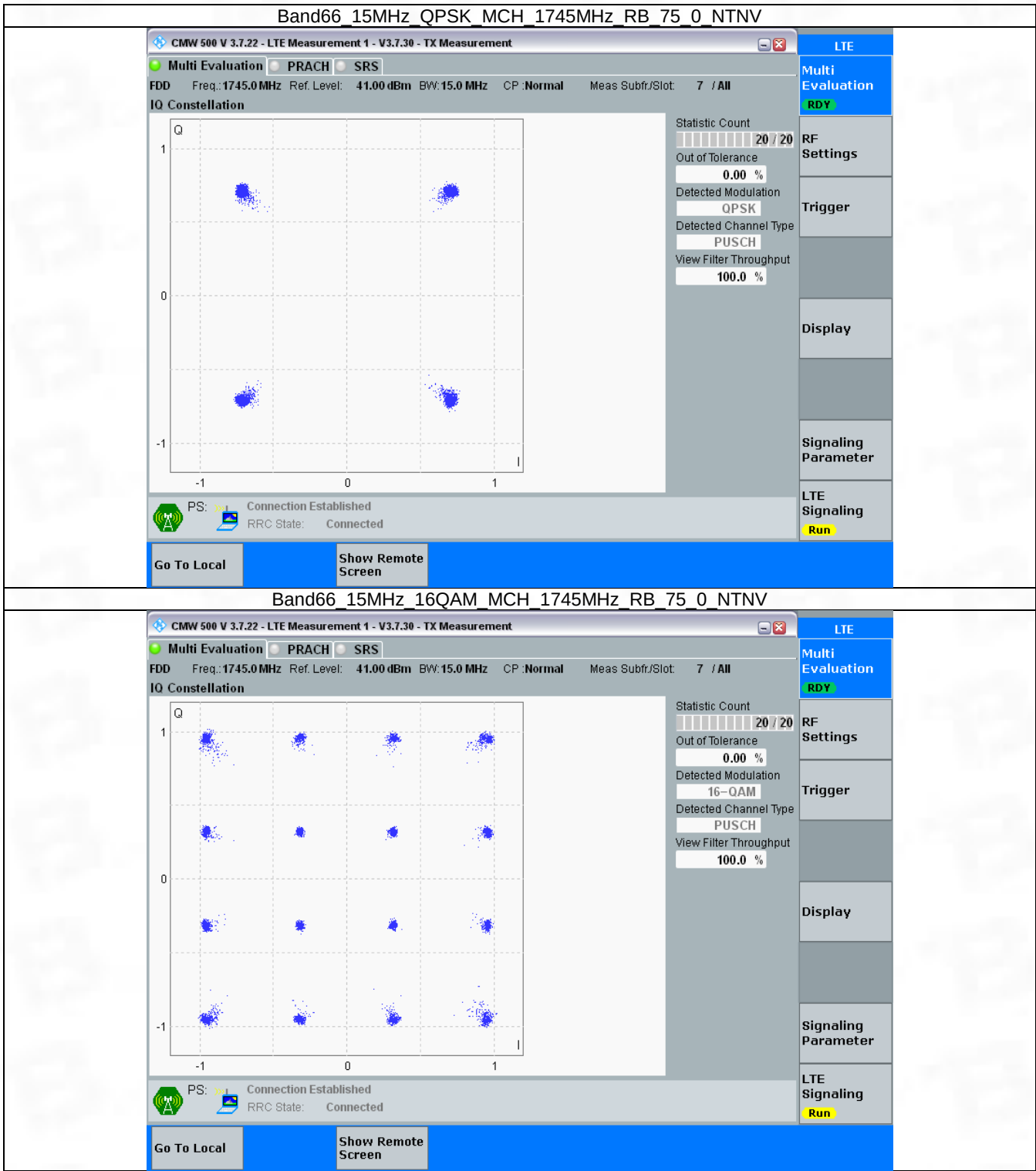


3.5 B66_15MHz

3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / 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

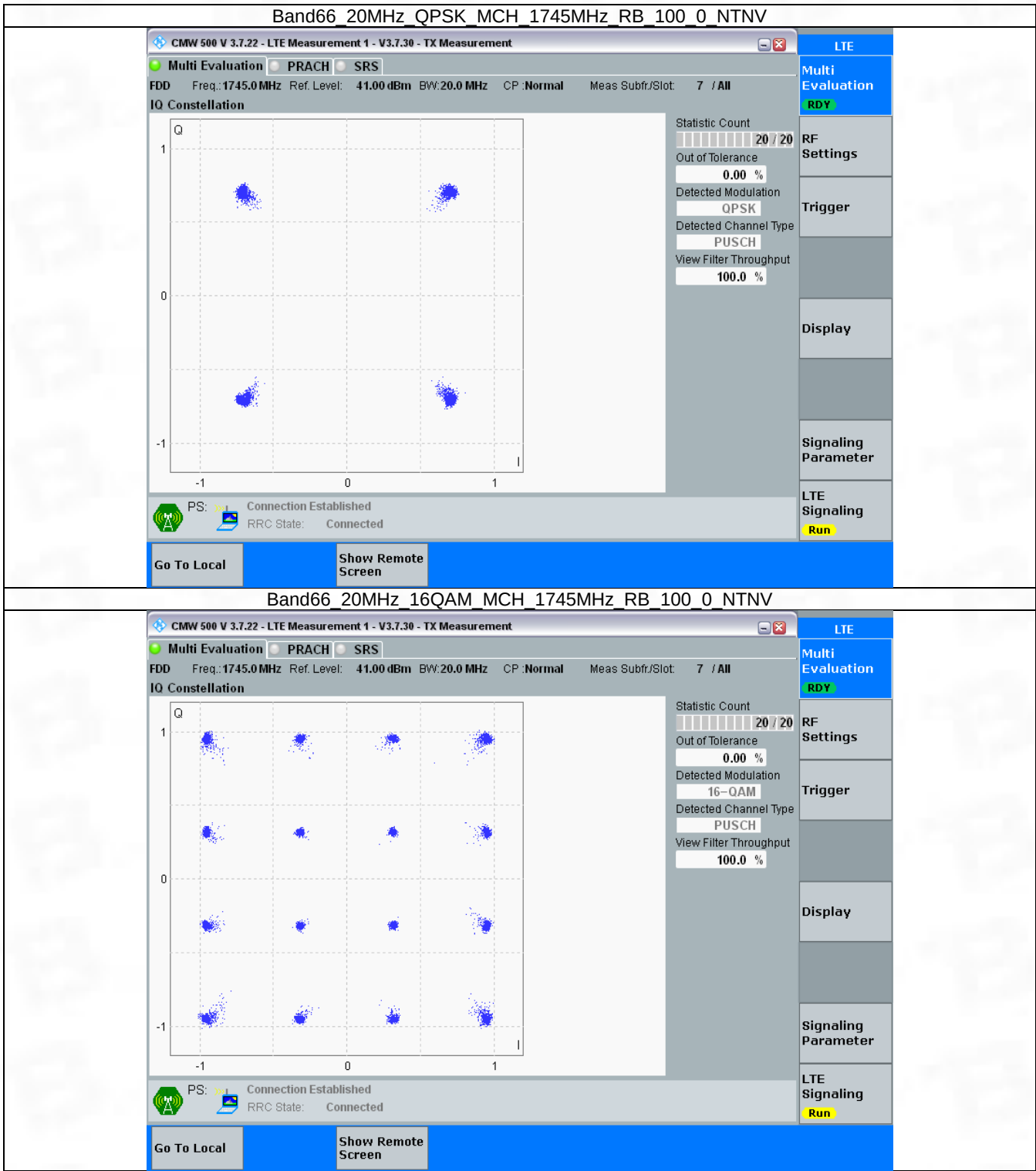


3.6 B66_20MHz

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



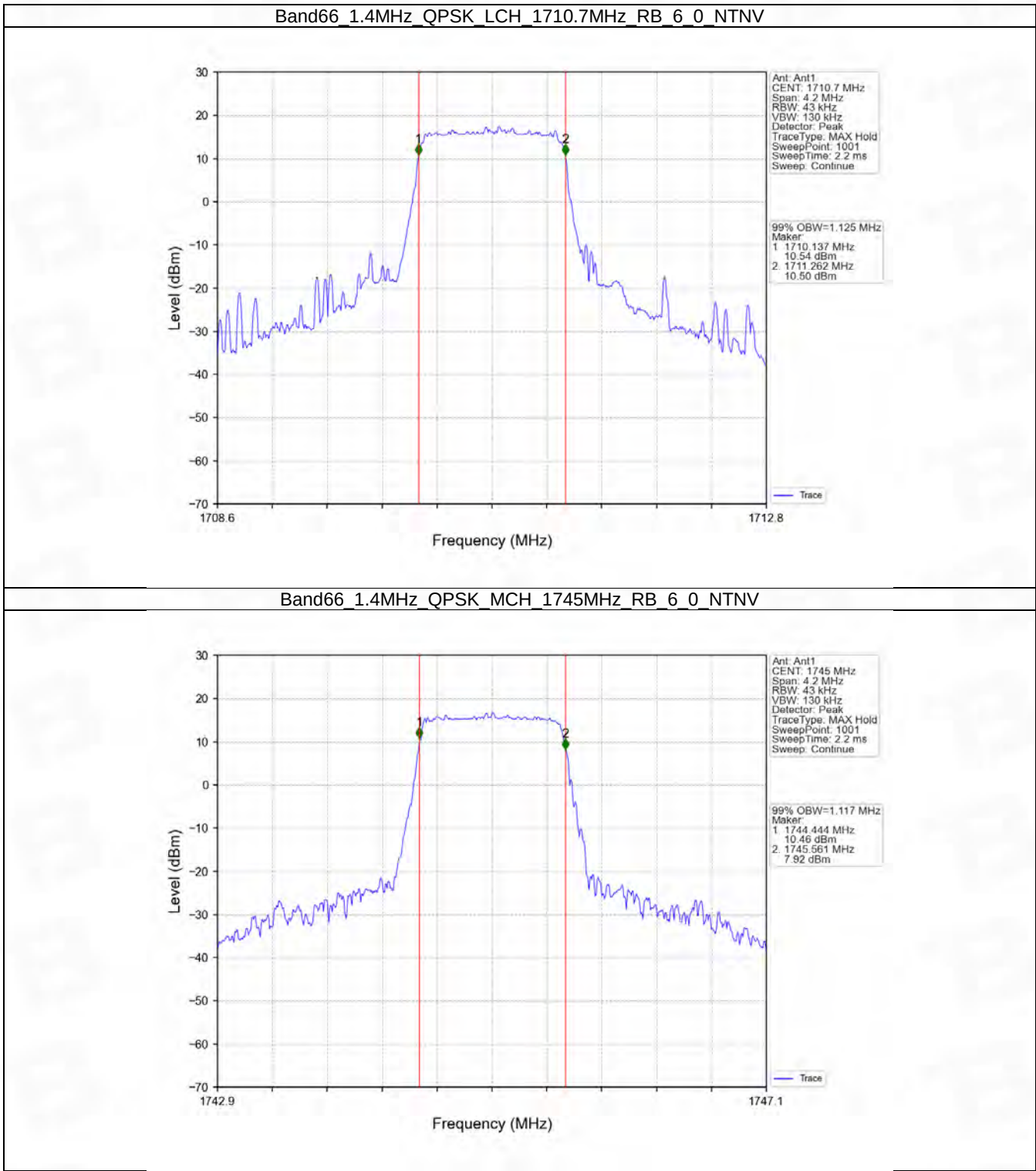
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

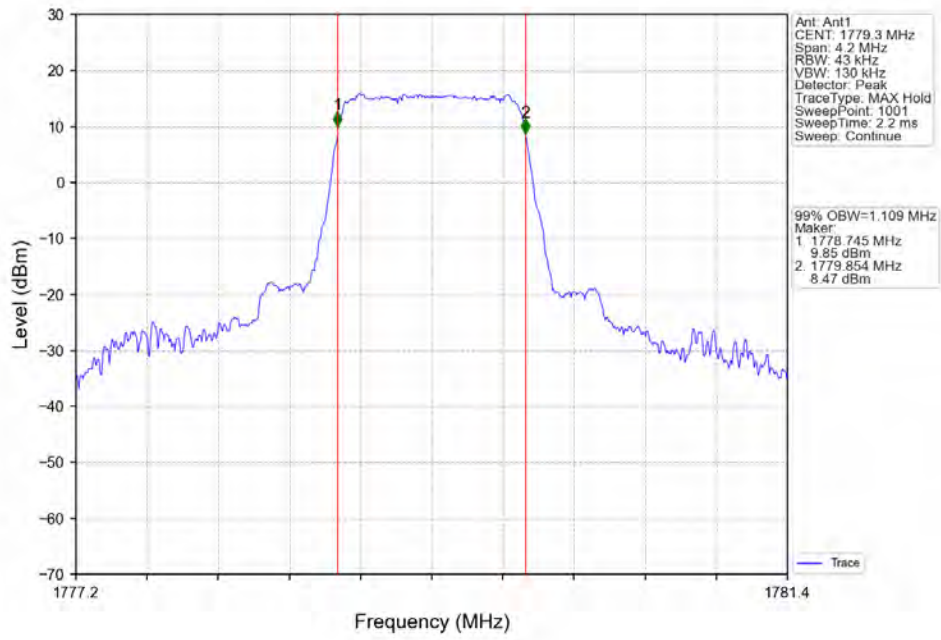
4.1.1 Test Result

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	1.125	/	Pass
		1745	6	0	1.117	/	Pass
		1779.3	6	0	1.109	/	Pass
	16QAM	1710.7	6	0	1.111	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.116	/	Pass
3	QPSK	1711.5	15	0	2.727	/	Pass
		1745	15	0	2.730	/	Pass
		1778.5	15	0	2.729	/	Pass
	16QAM	1711.5	15	0	2.713	/	Pass
		1745	15	0	2.717	/	Pass
		1778.5	15	0	2.722	/	Pass
5	QPSK	1712.5	25	0	4.568	/	Pass
		1745	25	0	4.561	/	Pass
		1777.5	25	0	4.581	/	Pass
	16QAM	1712.5	25	0	4.591	/	Pass
		1745	25	0	4.586	/	Pass
		1777.5	25	0	4.562	/	Pass
10	QPSK	1715	50	0	9.085	/	Pass
		1745	50	0	9.048	/	Pass
		1775	50	0	9.120	/	Pass
	16QAM	1715	50	0	9.089	/	Pass
		1745	50	0	9.061	/	Pass
		1775	50	0	9.068	/	Pass
15	QPSK	1717.5	75	0	13.663	/	Pass
		1745	75	0	13.590	/	Pass
		1772.5	75	0	13.597	/	Pass
	16QAM	1717.5	75	0	13.659	/	Pass
		1745	75	0	13.588	/	Pass
		1772.5	75	0	13.596	/	Pass
20	QPSK	1720	100	0	18.202	/	Pass
		1745	100	0	18.086	/	Pass
		1770	100	0	18.078	/	Pass
	16QAM	1720	100	0	18.213	/	Pass
		1745	100	0	18.105	/	Pass
		1770	100	0	18.214	/	Pass

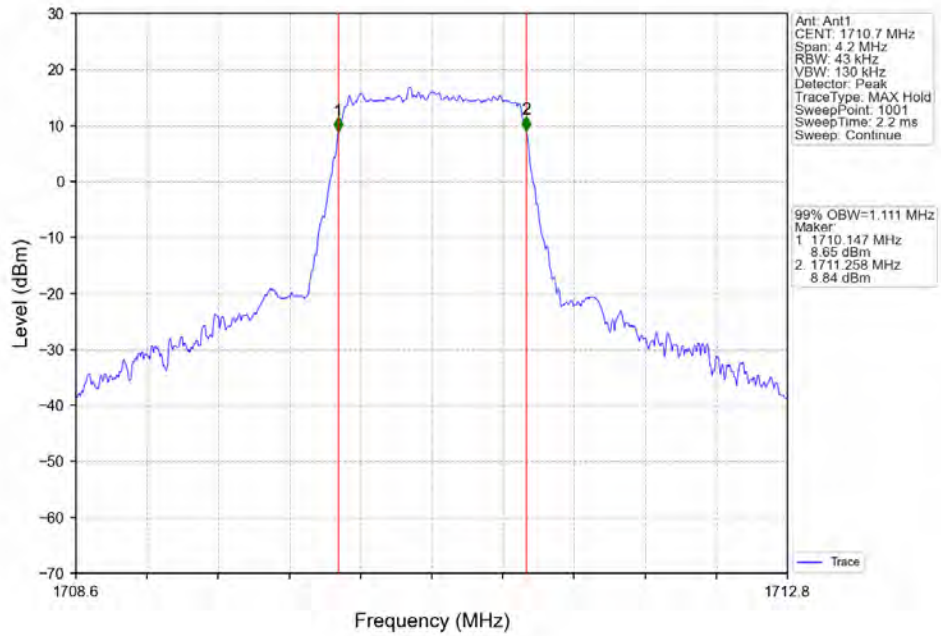
4.1.2 Test Graph



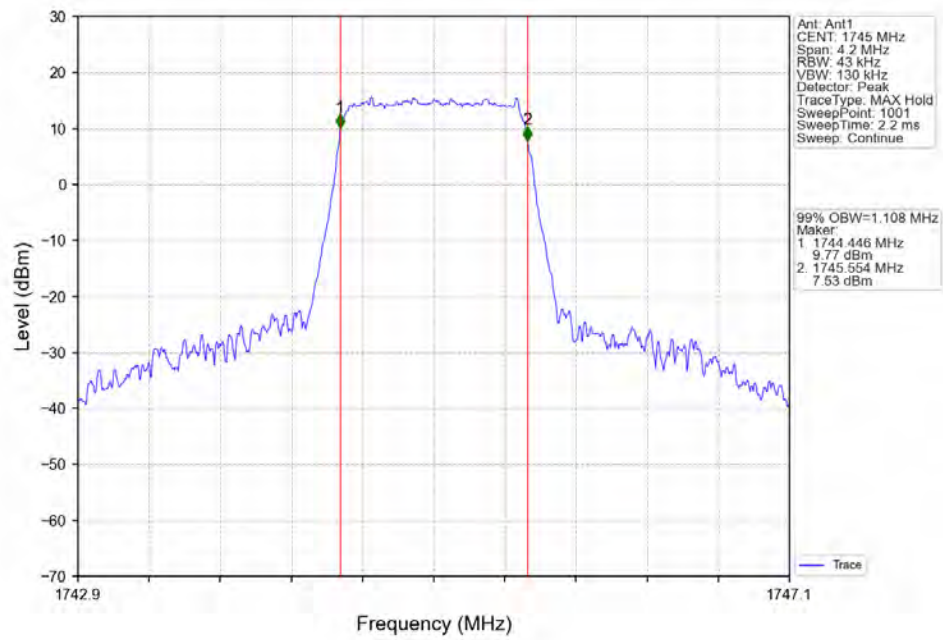
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



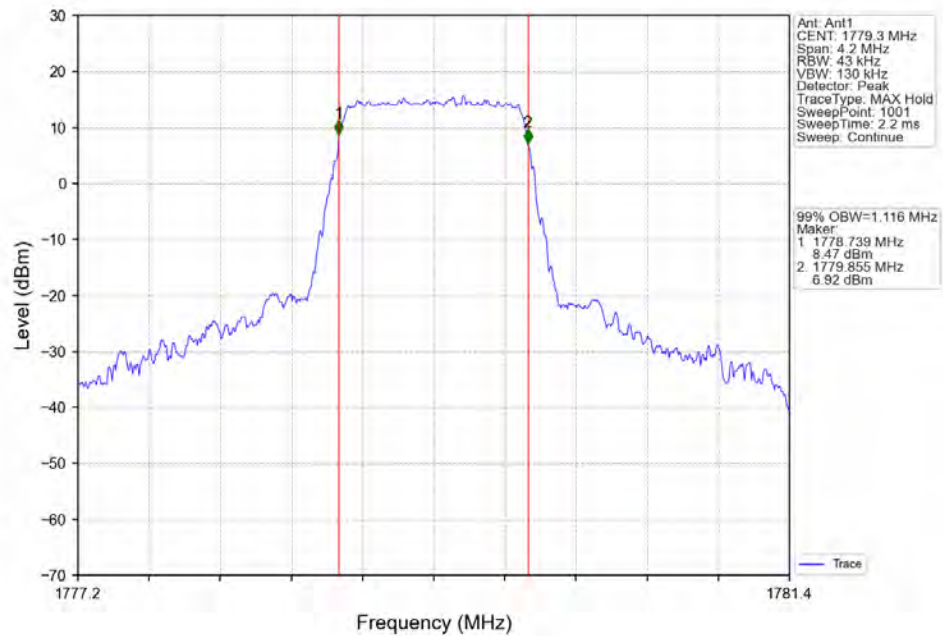
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



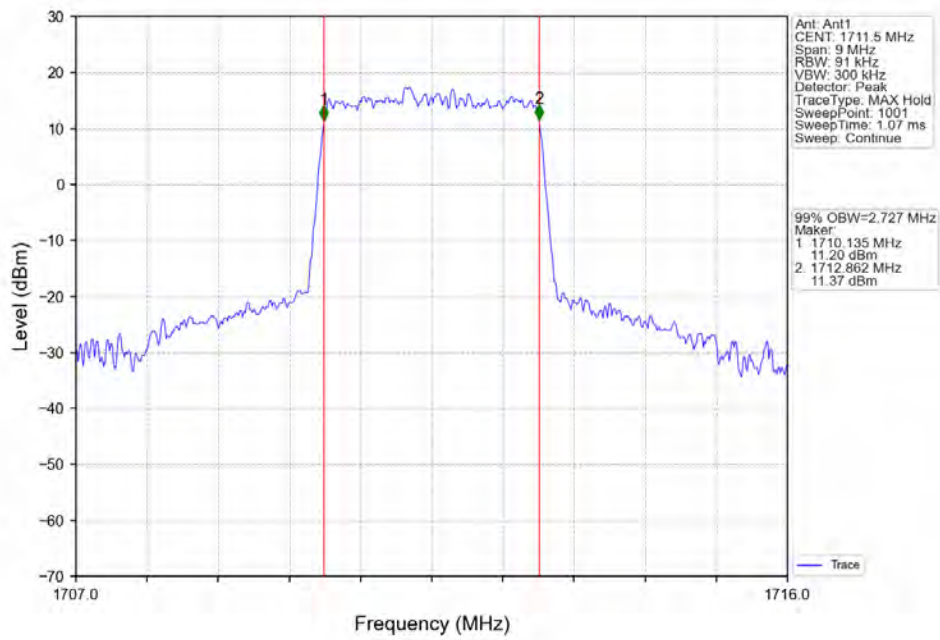
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



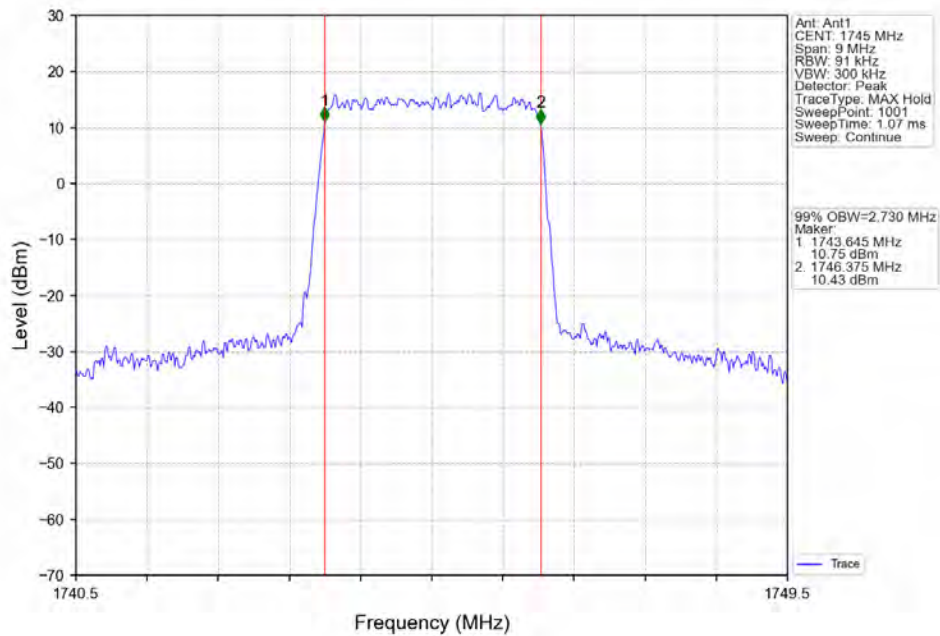
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



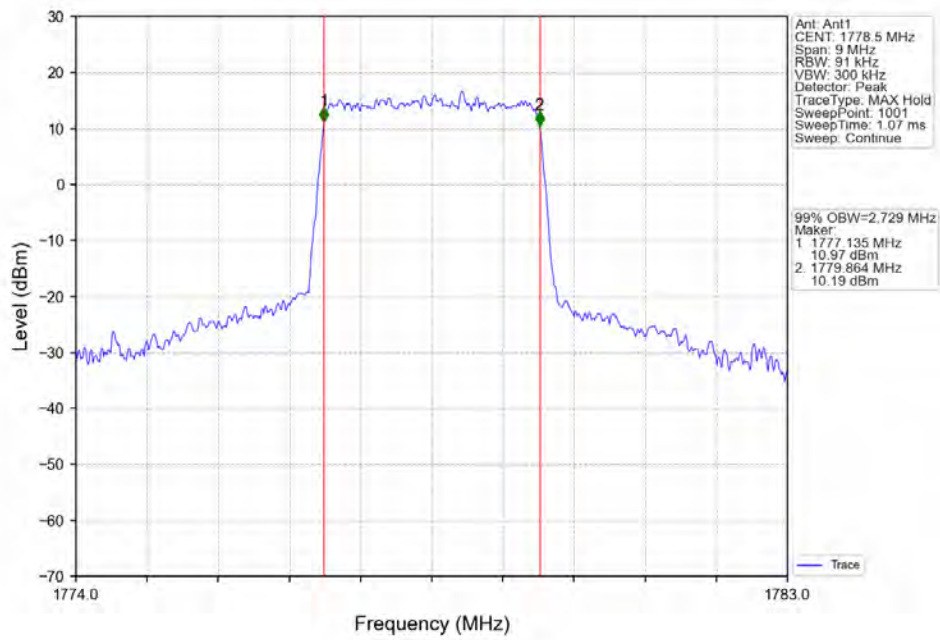
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



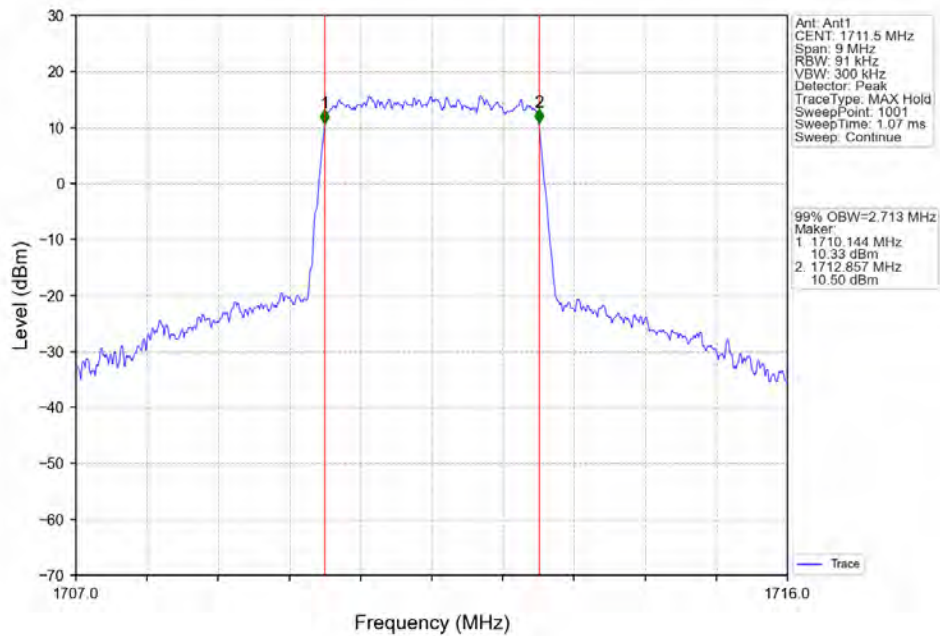
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



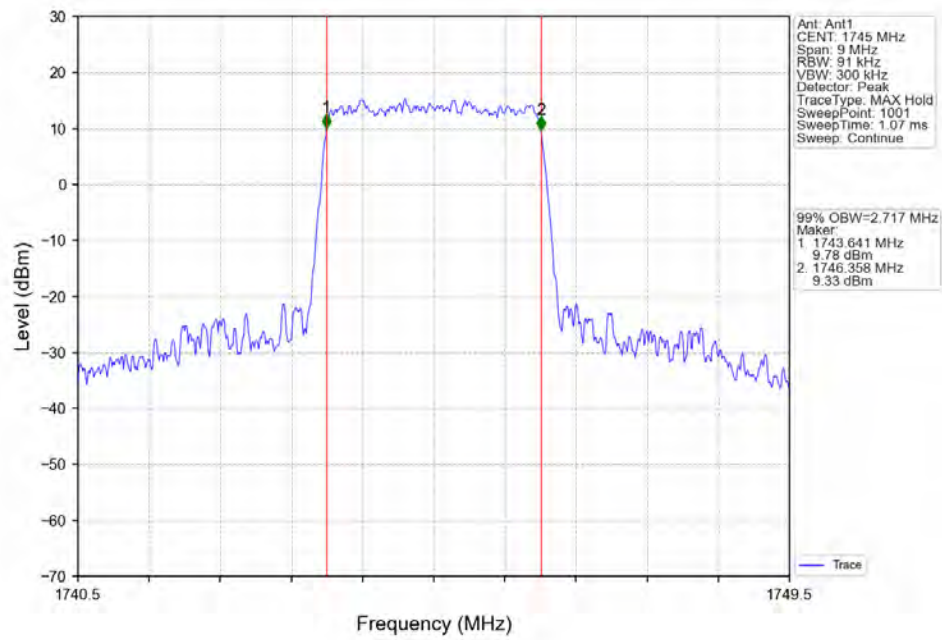
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



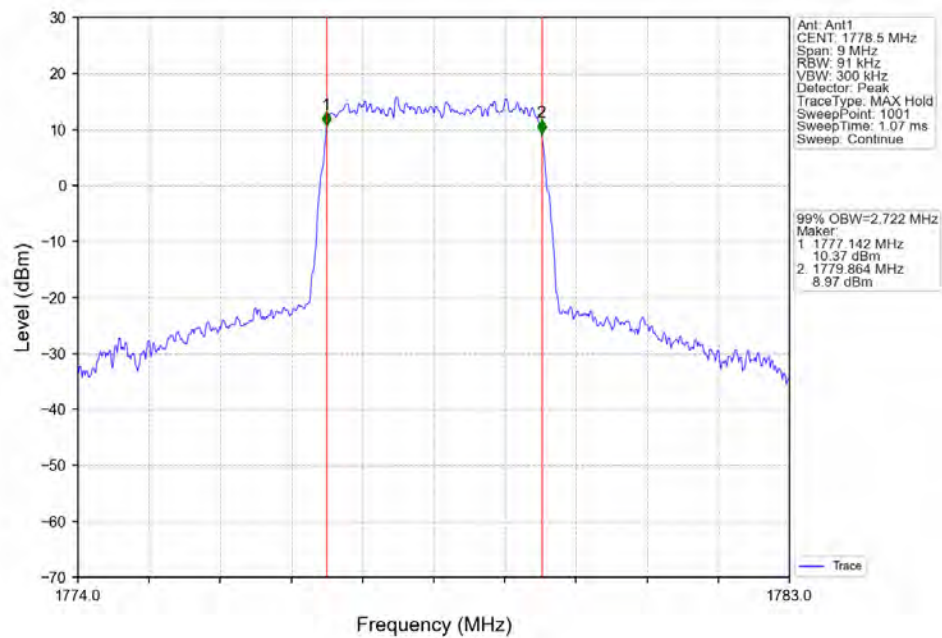
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



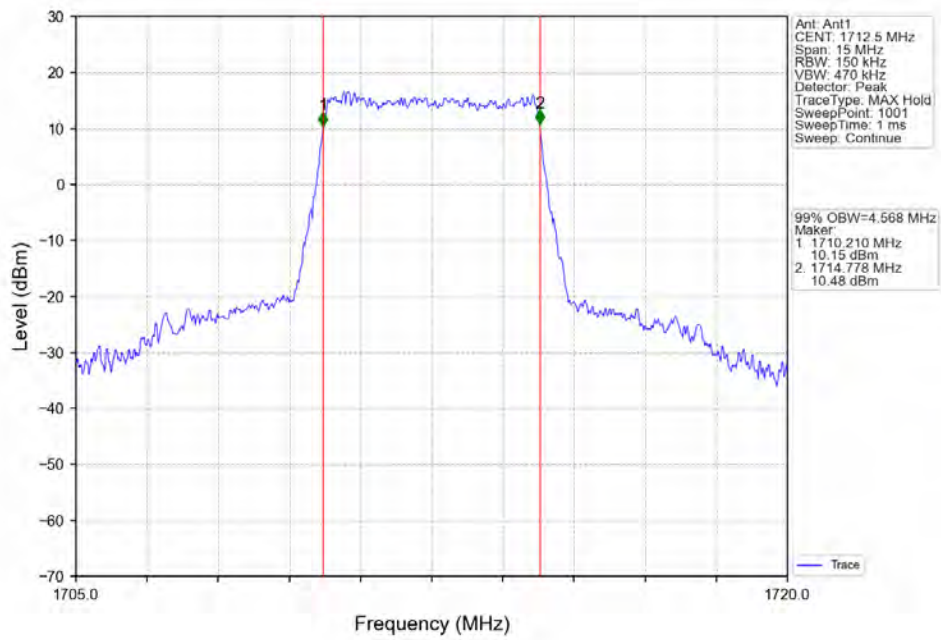
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



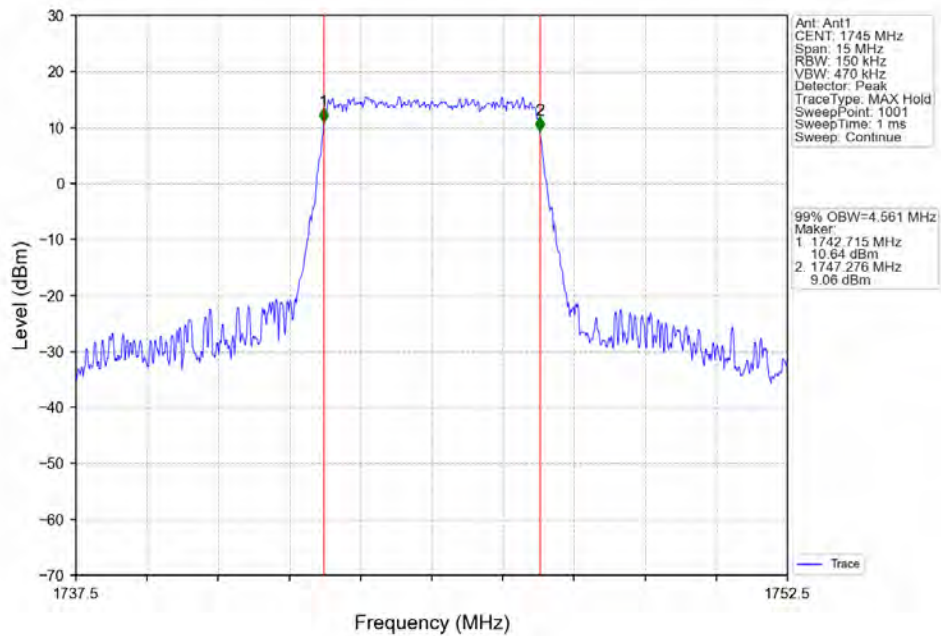
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



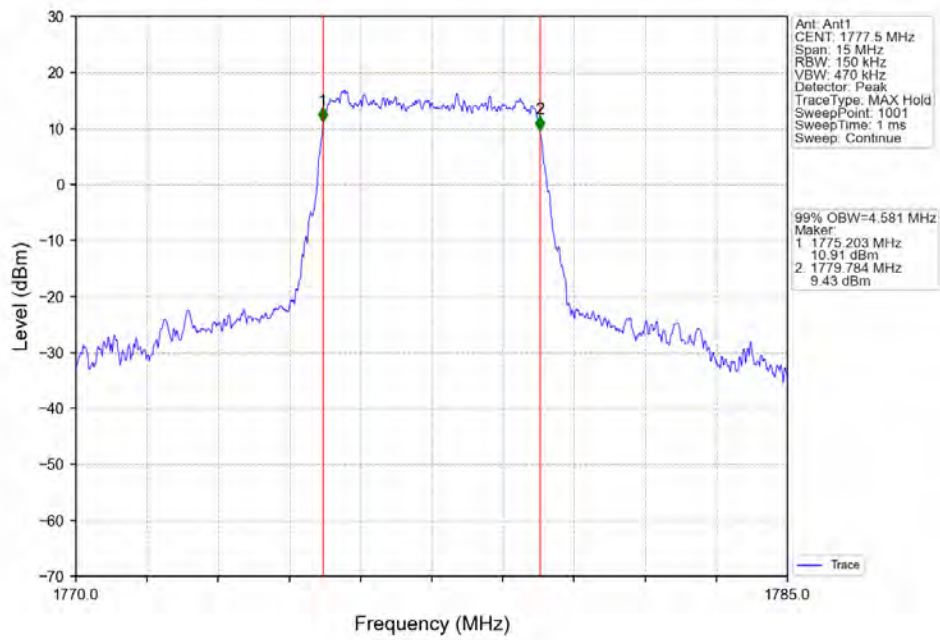
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



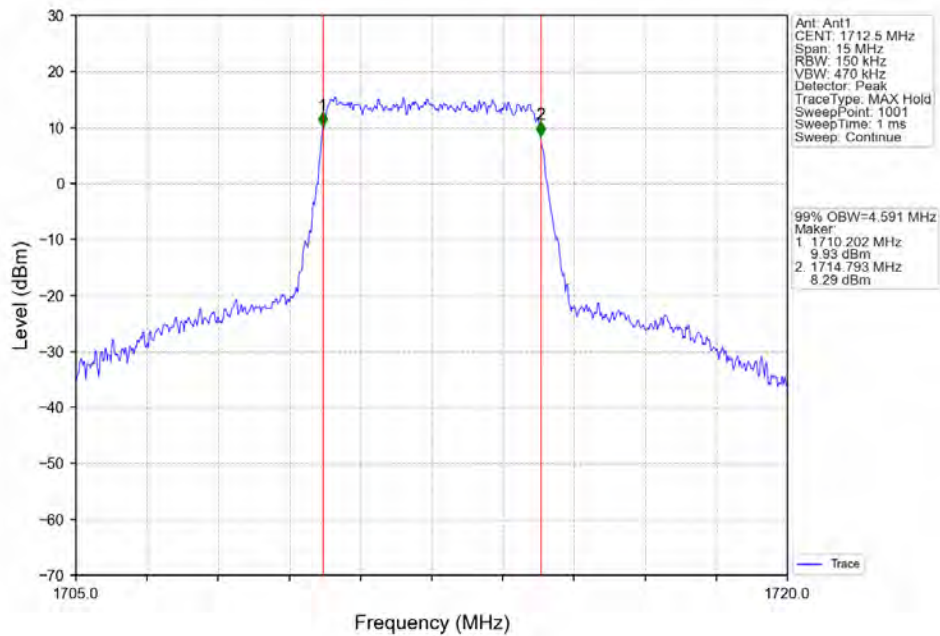
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



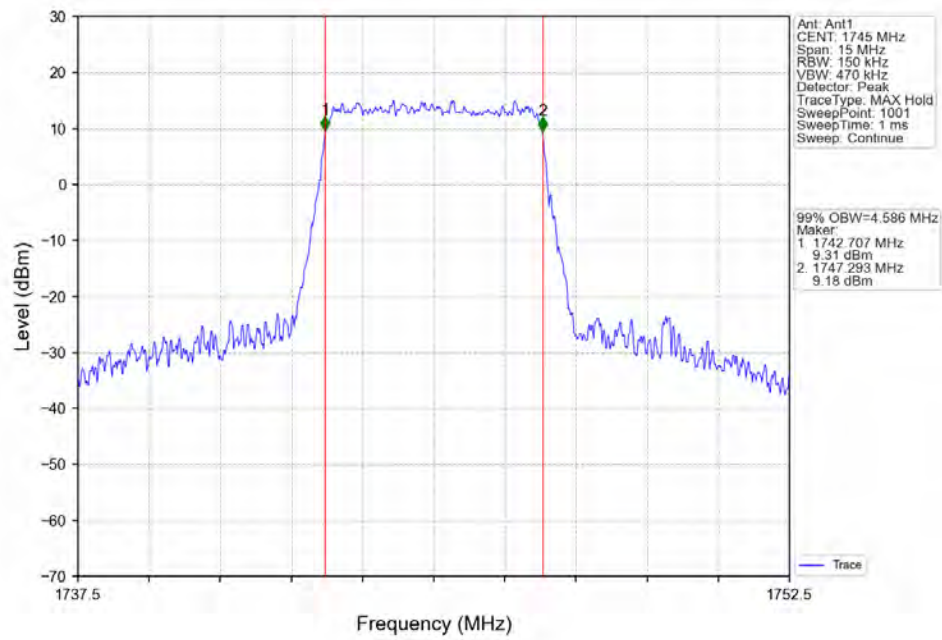
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



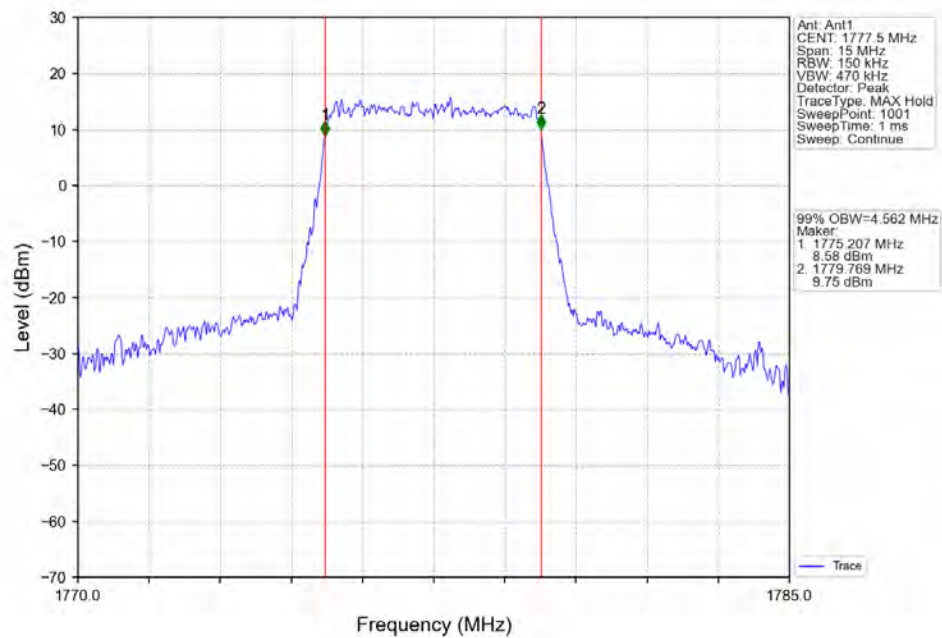
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



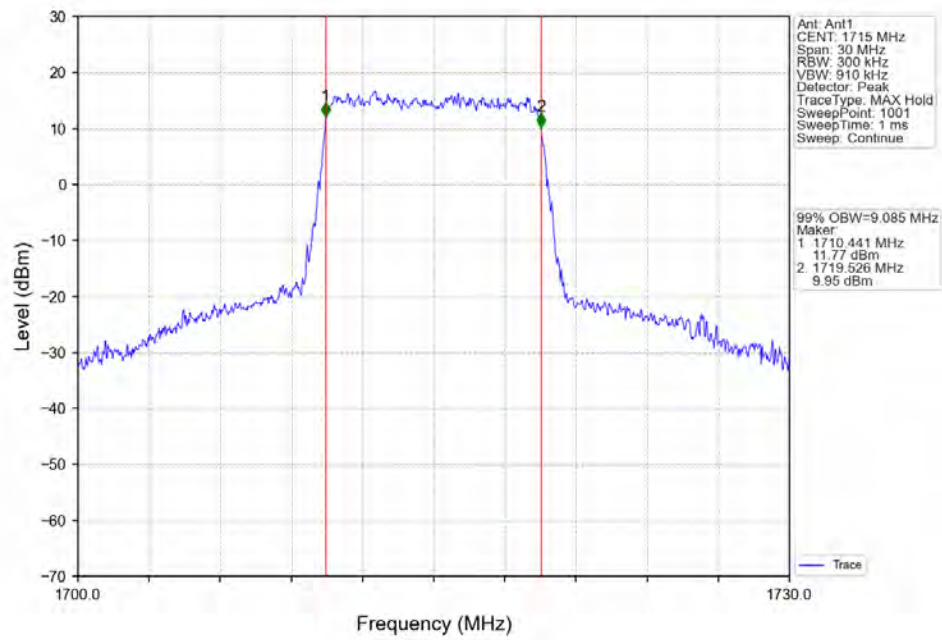
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



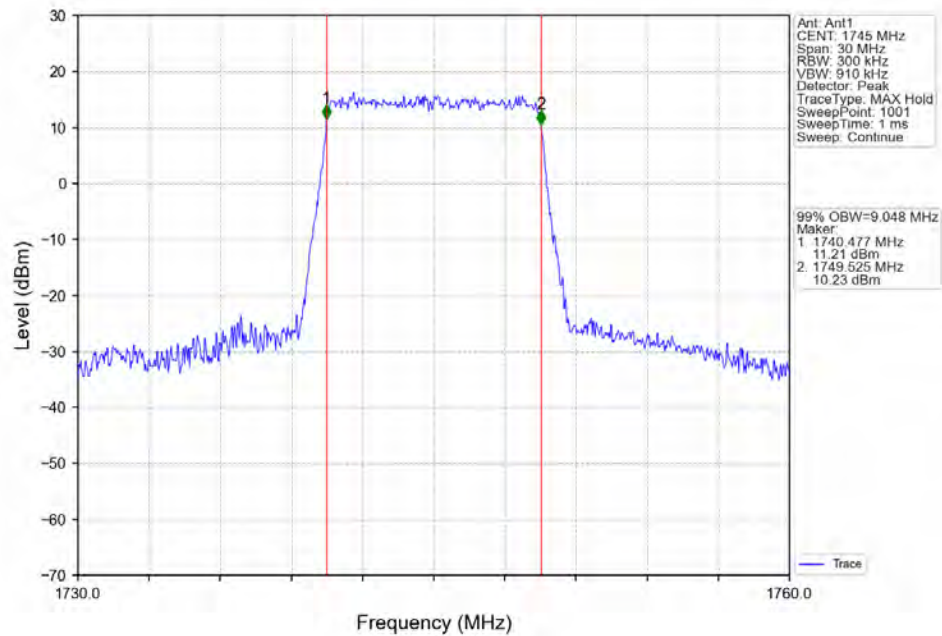
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



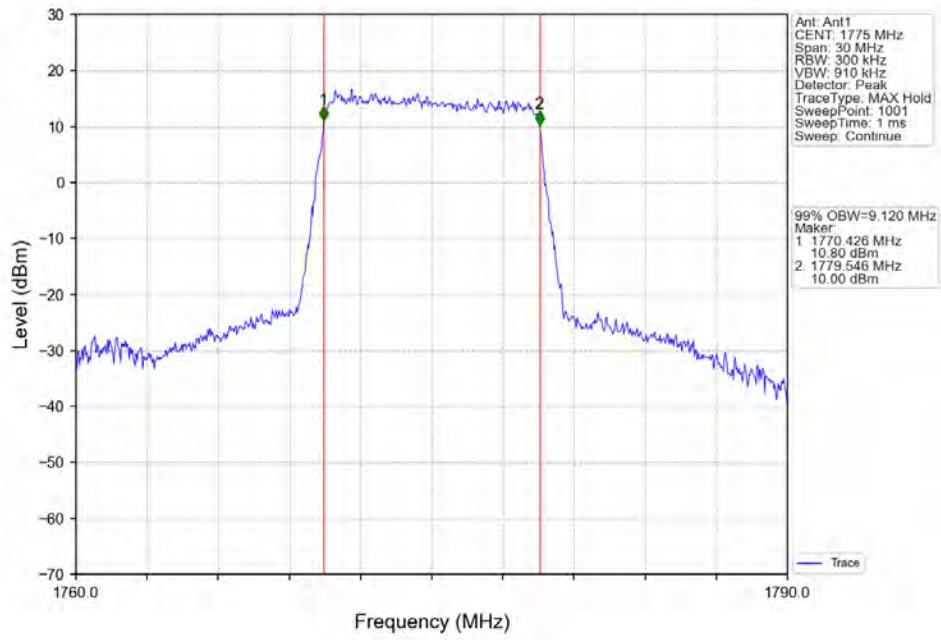
Band66_10MHz QPSK LCH 1715MHz RB 50 0 NTN



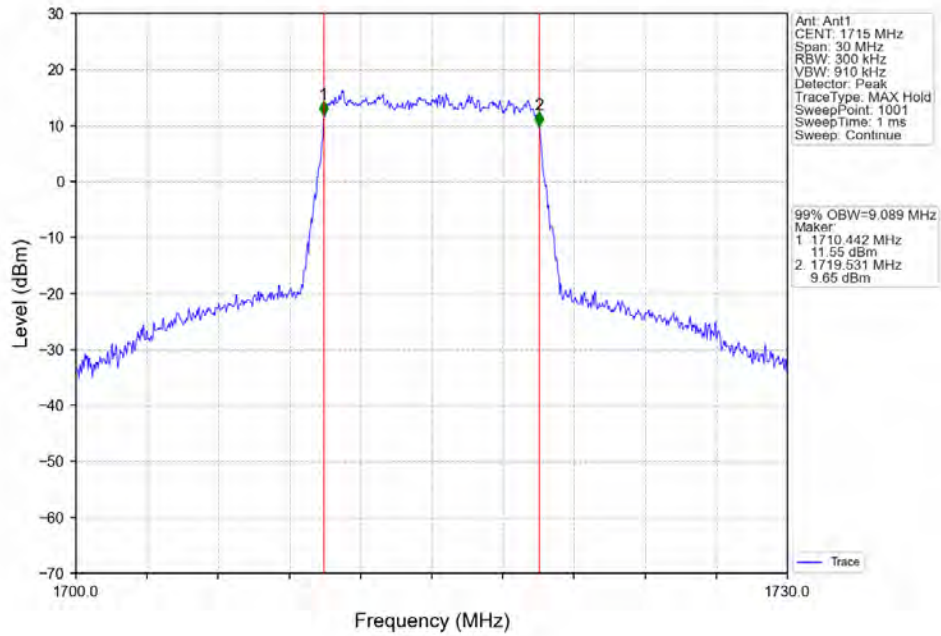
Band66_10MHz QPSK MCH 1745MHz RB 50 0 NTN



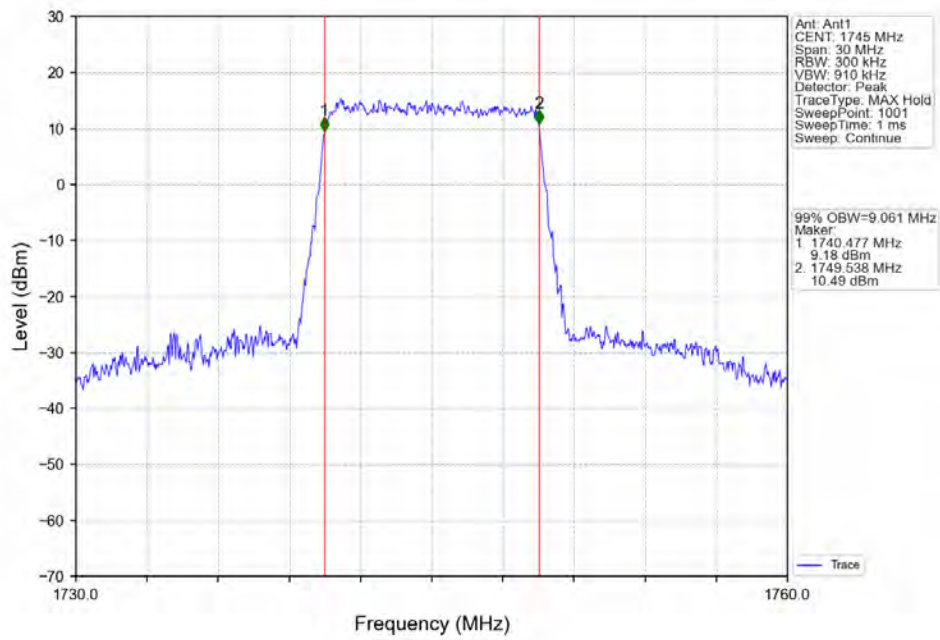
Band66_10MHz QPSK HCH 1775MHz RB 50 0 NTNV



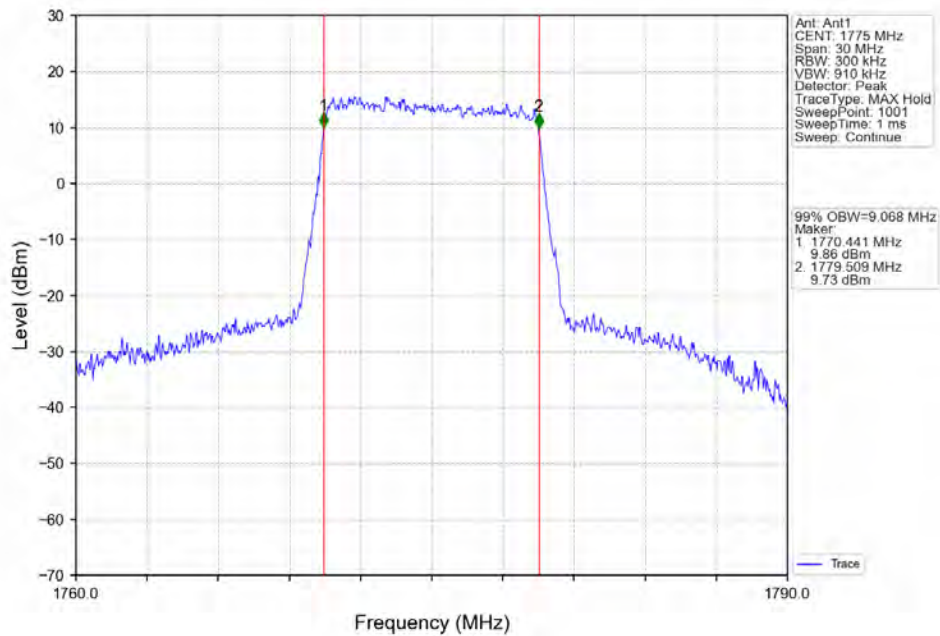
Band66_10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



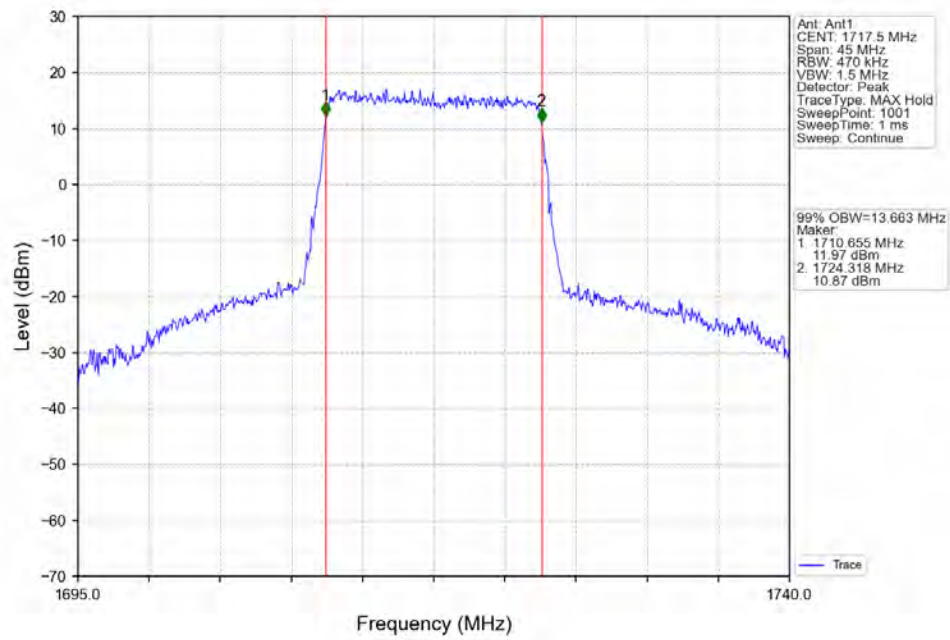
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



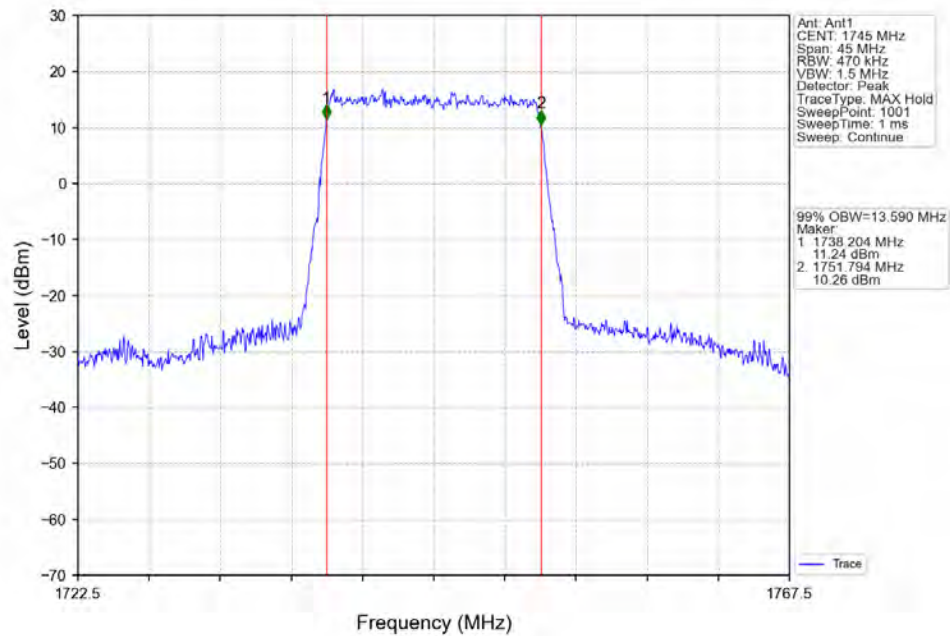
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



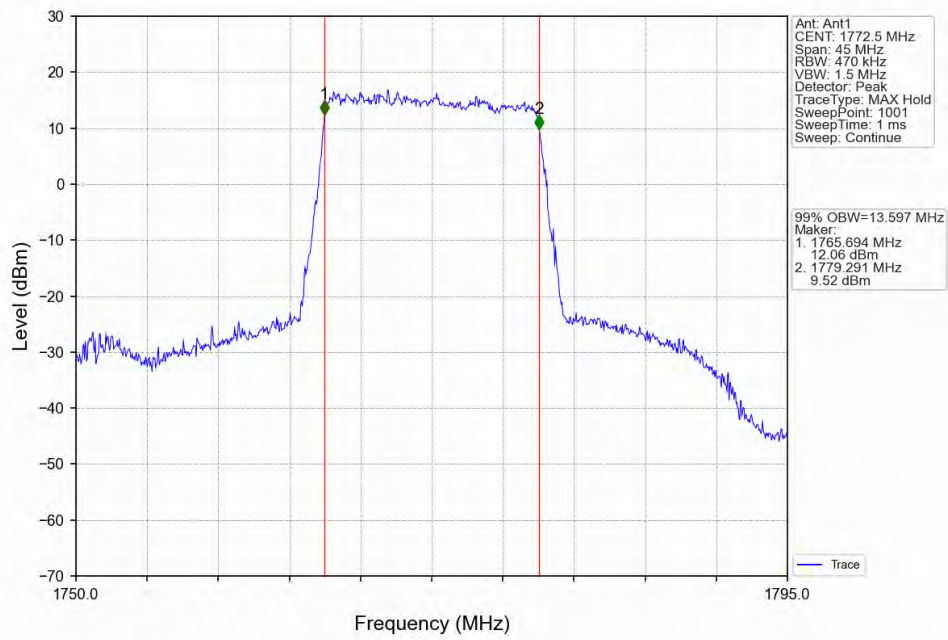
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



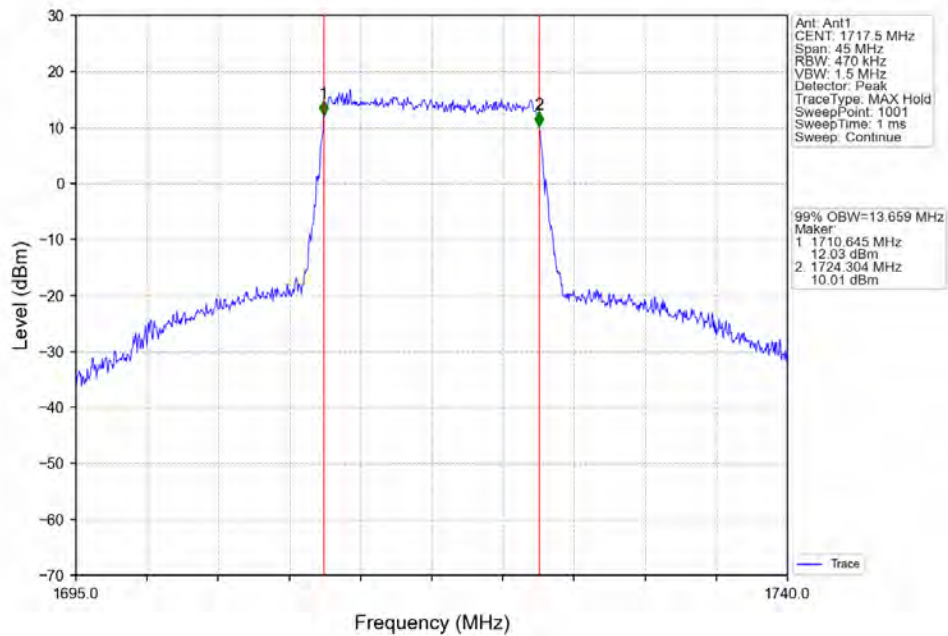
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



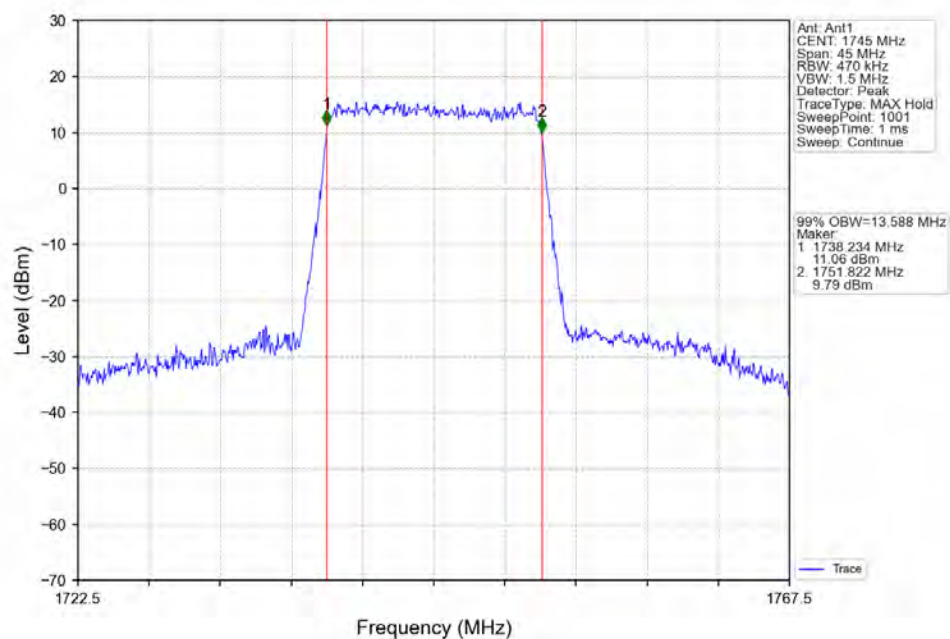
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



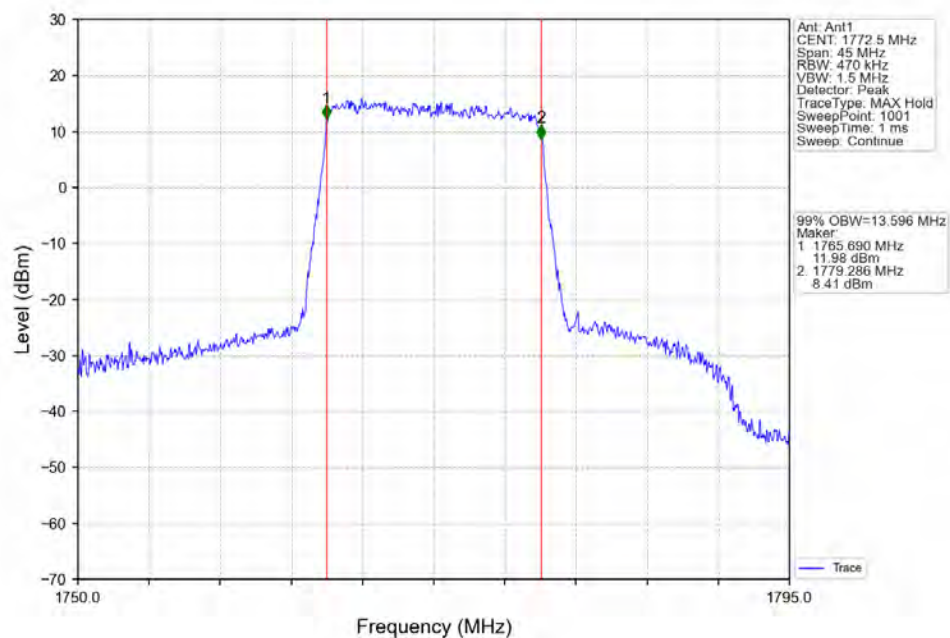
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



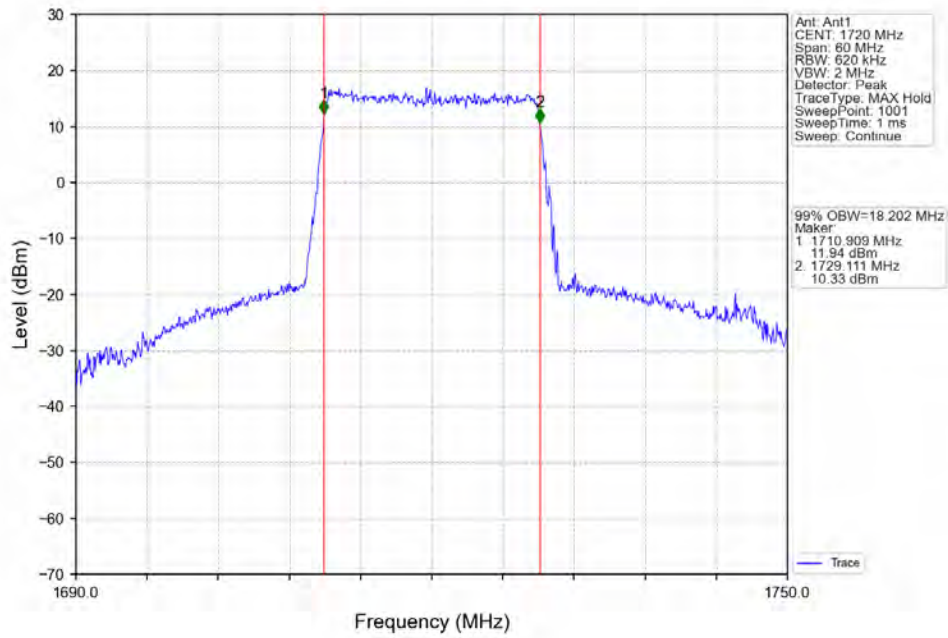
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



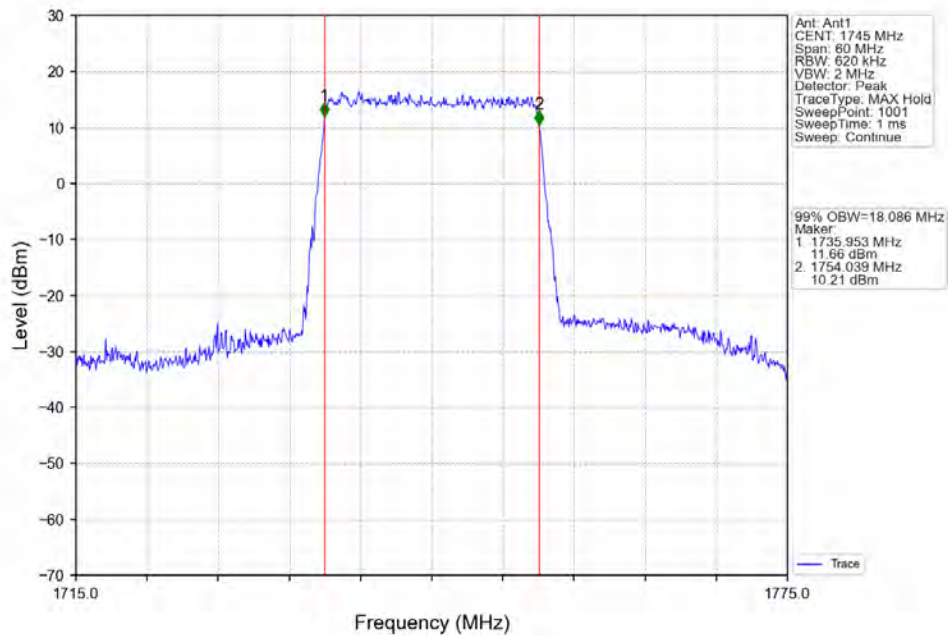
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



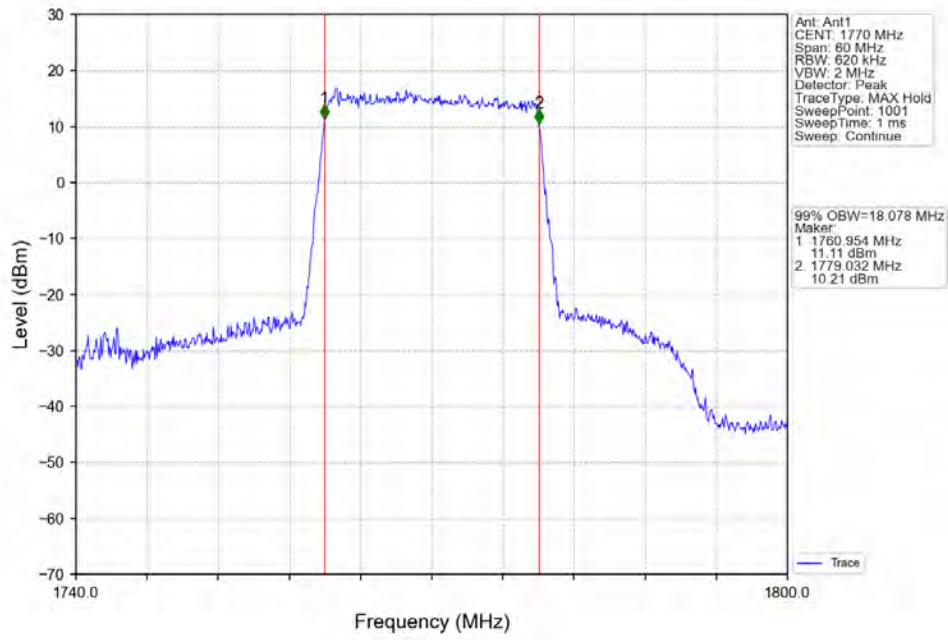
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



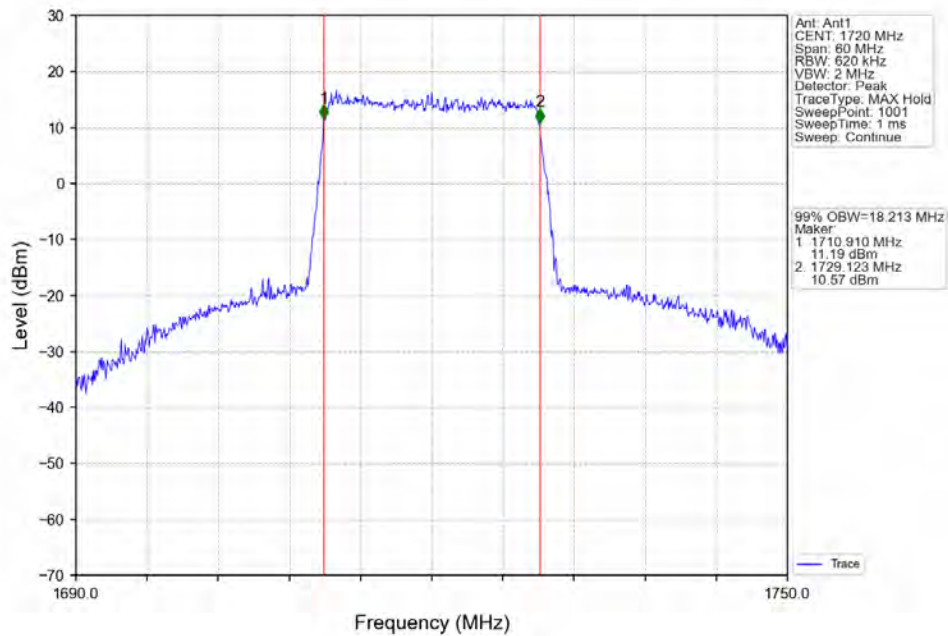
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



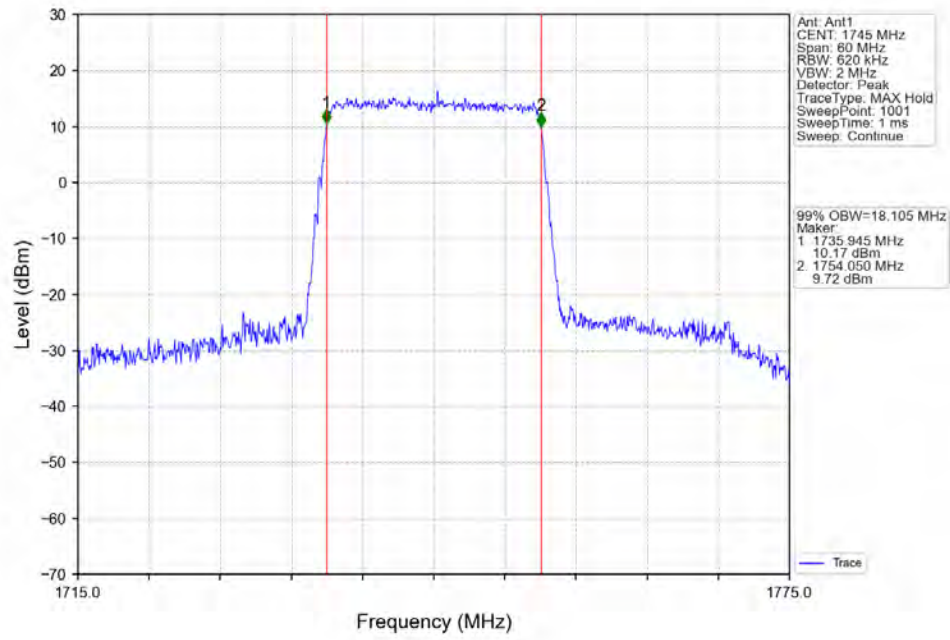
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



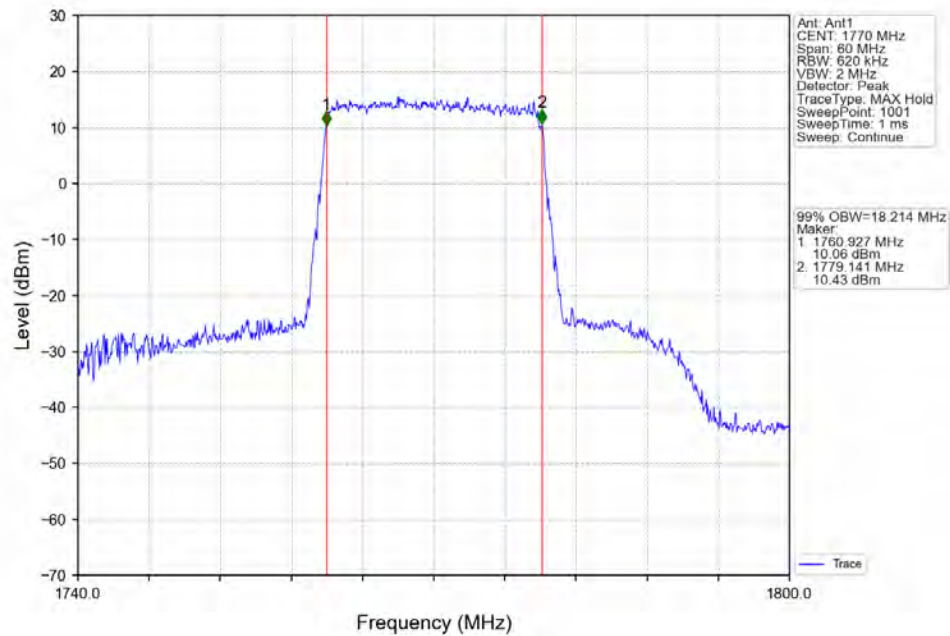
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

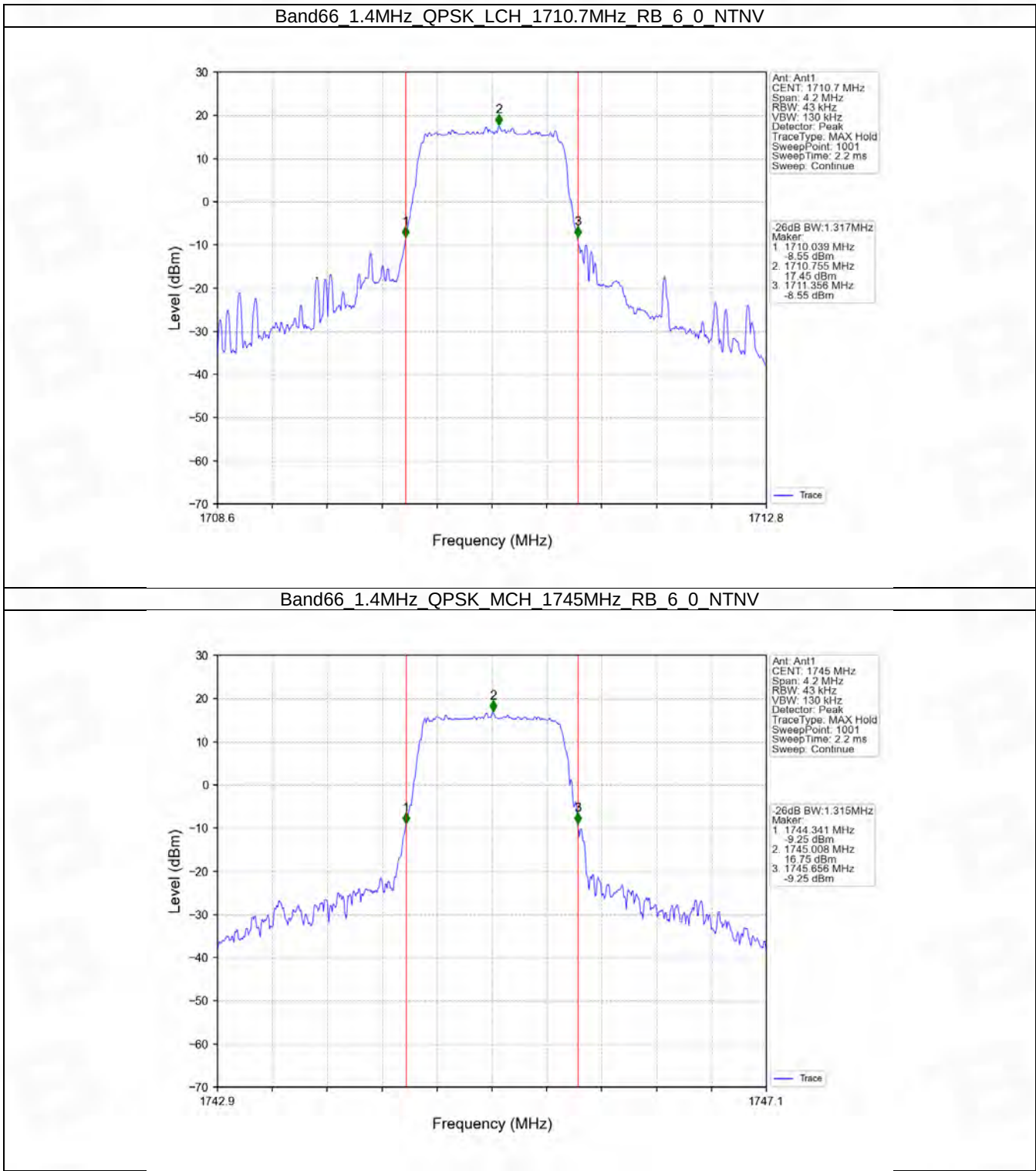


4.2 Band66_XDB

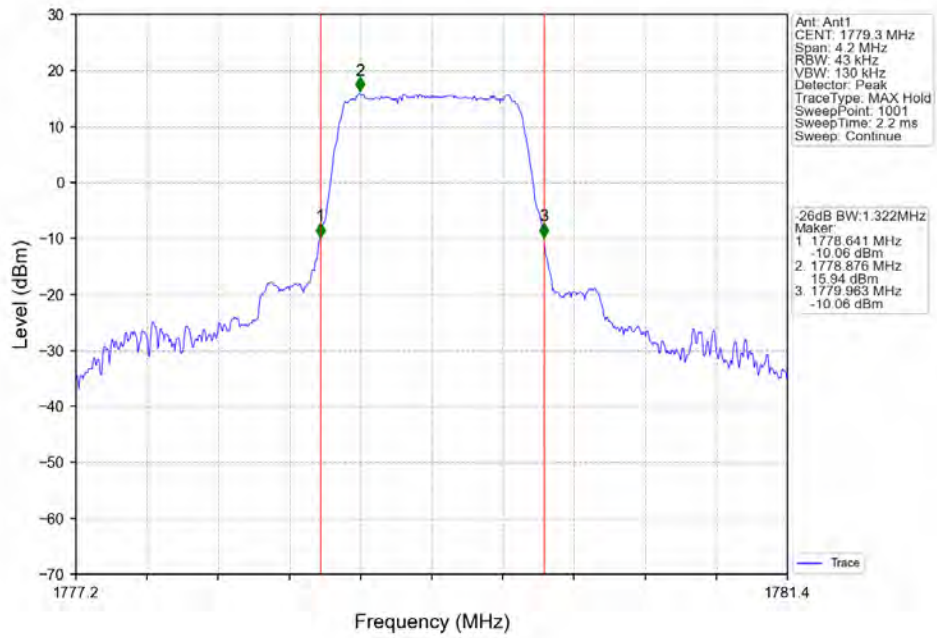
4.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.317	/	Pass
		1745	6	0	1.315	/	Pass
		1779.3	6	0	1.322	/	Pass
	16QAM	1710.7	6	0	1.314	/	Pass
		1745	6	0	1.312	/	Pass
		1779.3	6	0	1.347	/	Pass
3	QPSK	1711.5	15	0	2.992	/	Pass
		1745	15	0	3.006	/	Pass
		1778.5	15	0	2.991	/	Pass
	16QAM	1711.5	15	0	2.996	/	Pass
		1745	15	0	2.997	/	Pass
		1778.5	15	0	2.996	/	Pass
5	QPSK	1712.5	25	0	5.290	/	Pass
		1745	25	0	5.255	/	Pass
		1777.5	25	0	5.187	/	Pass
	16QAM	1712.5	25	0	5.349	/	Pass
		1745	25	0	5.225	/	Pass
		1777.5	25	0	5.273	/	Pass
10	QPSK	1715	50	0	10.204	/	Pass
		1745	50	0	10.235	/	Pass
		1775	50	0	10.251	/	Pass
	16QAM	1715	50	0	10.285	/	Pass
		1745	50	0	10.225	/	Pass
		1775	50	0	10.243	/	Pass
15	QPSK	1717.5	75	0	15.352	/	Pass
		1745	75	0	15.270	/	Pass
		1772.5	75	0	15.281	/	Pass
	16QAM	1717.5	75	0	15.387	/	Pass
		1745	75	0	15.265	/	Pass
		1772.5	75	0	15.244	/	Pass
20	QPSK	1720	100	0	20.498	/	Pass
		1745	100	0	20.188	/	Pass
		1770	100	0	19.946	/	Pass
	16QAM	1720	100	0	20.248	/	Pass
		1745	100	0	20.058	/	Pass
		1770	100	0	20.156	/	Pass

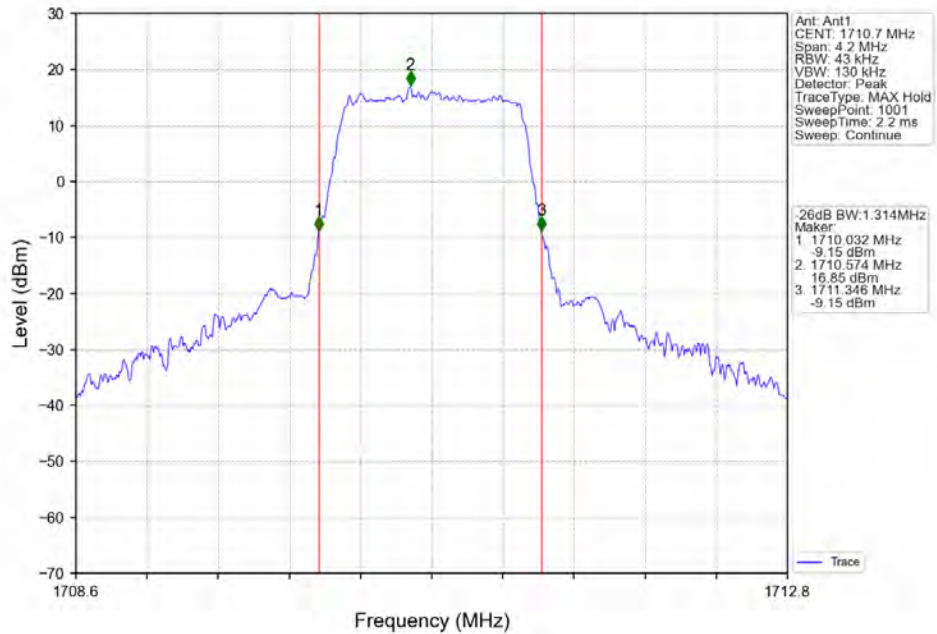
4.2.2 Test Graph



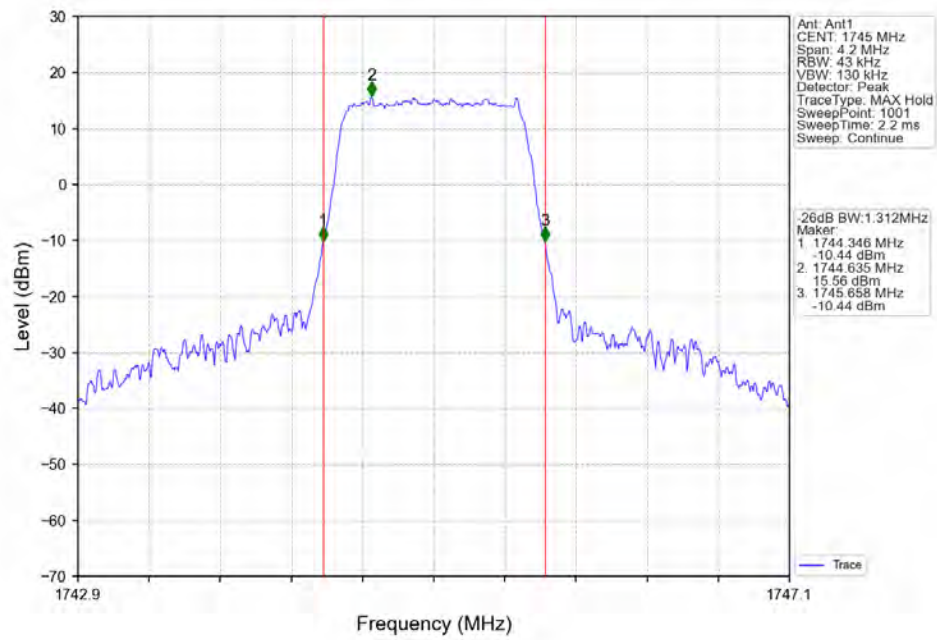
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



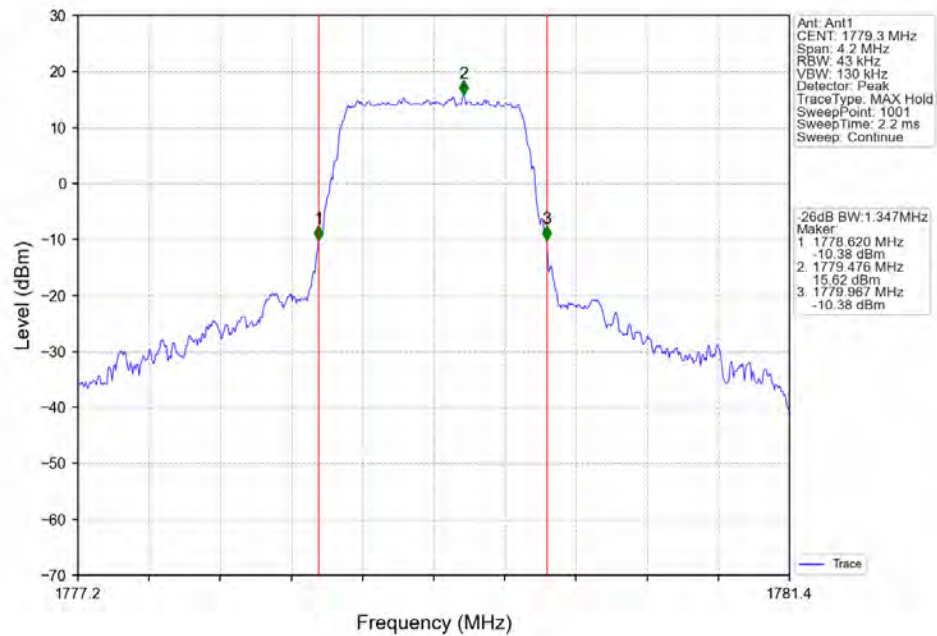
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



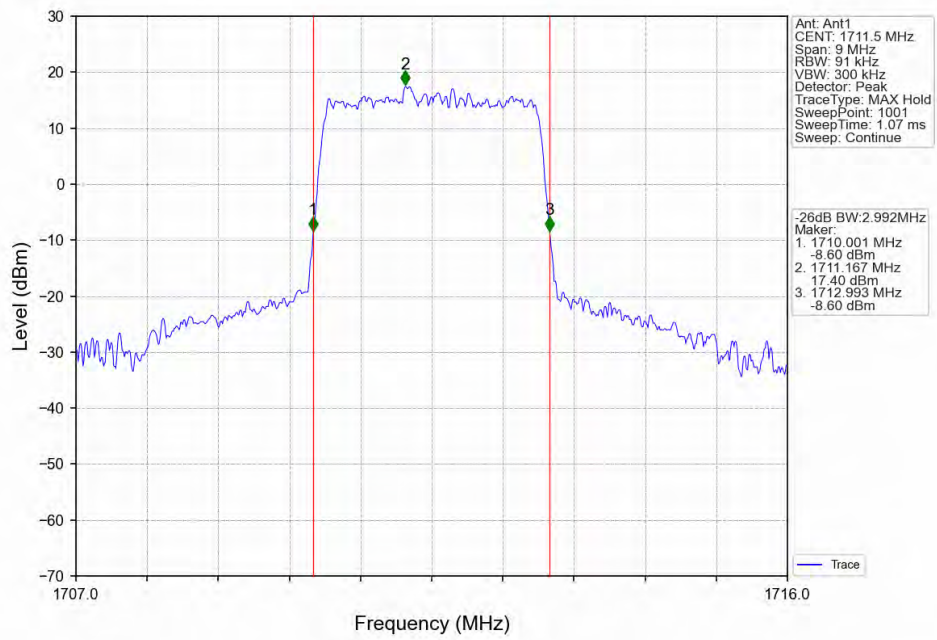
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



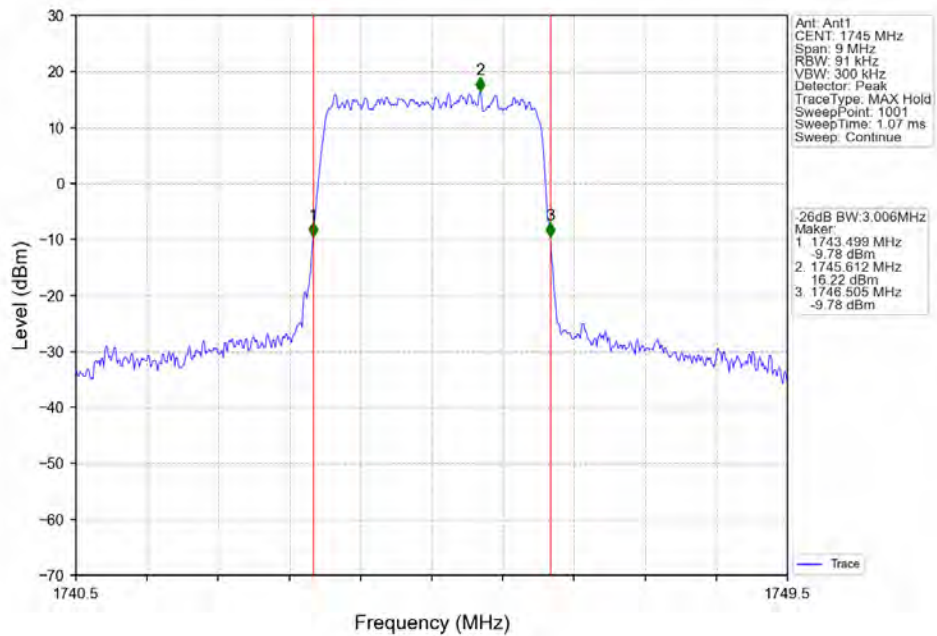
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



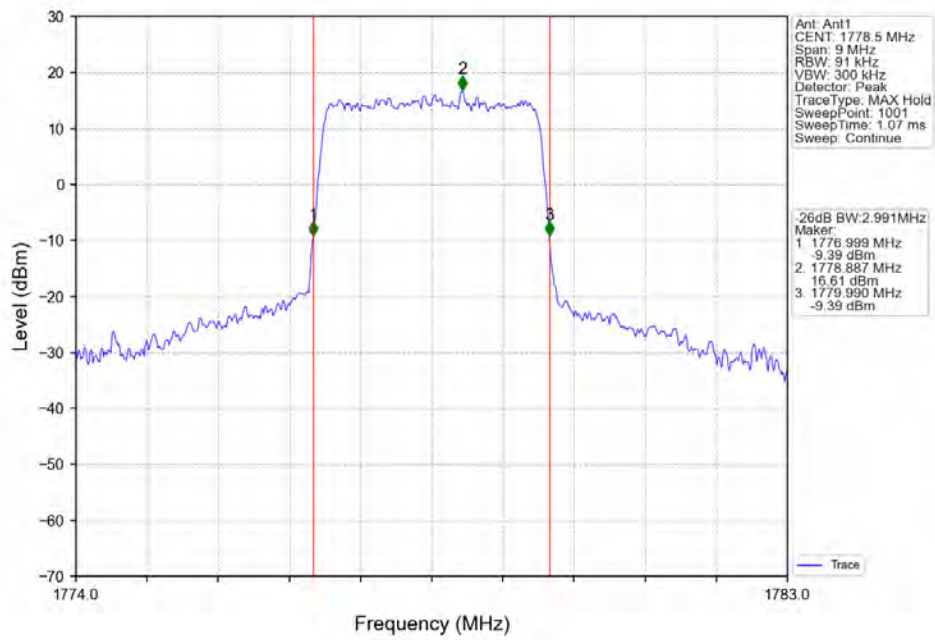
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN



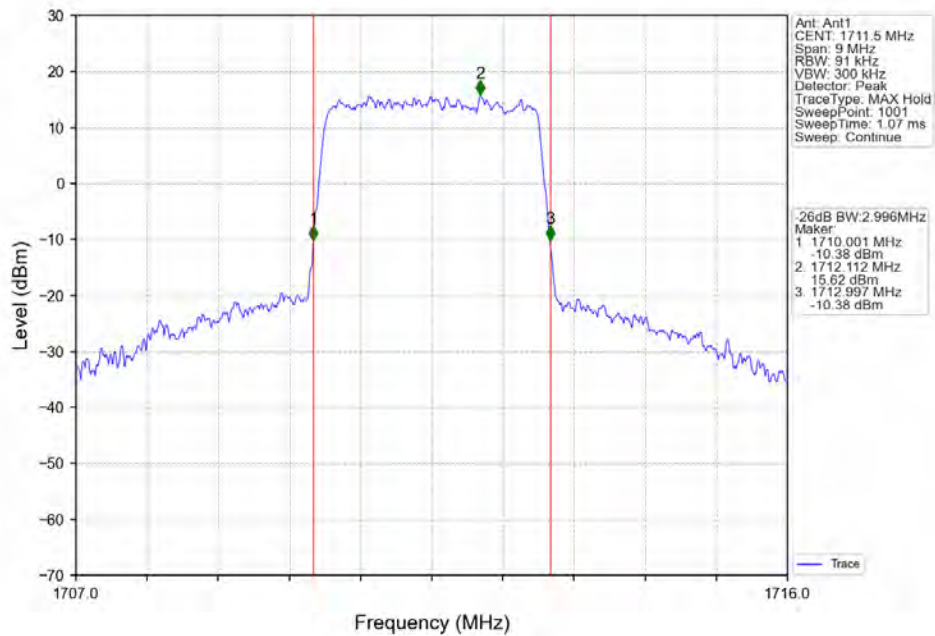
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTN



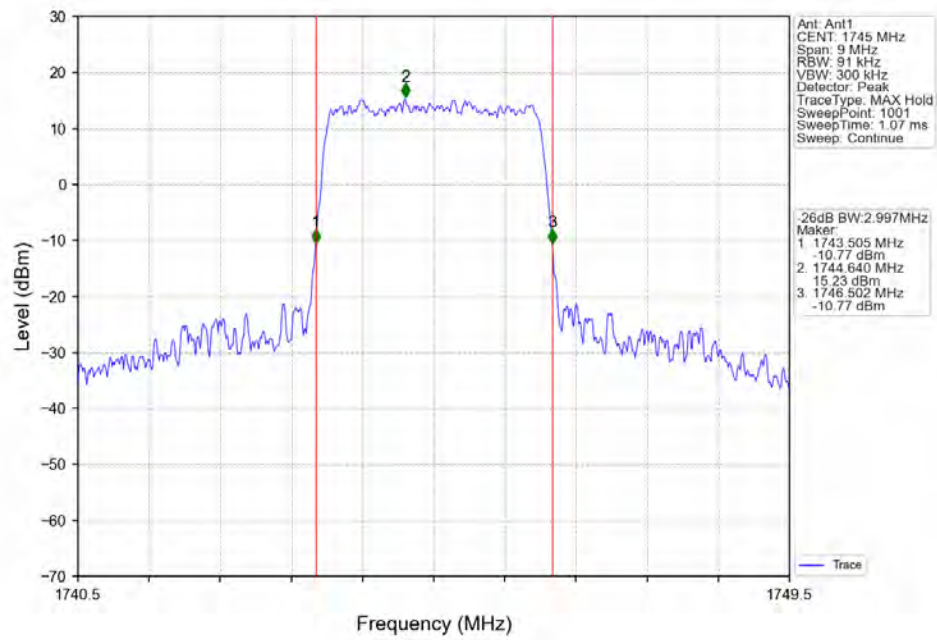
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



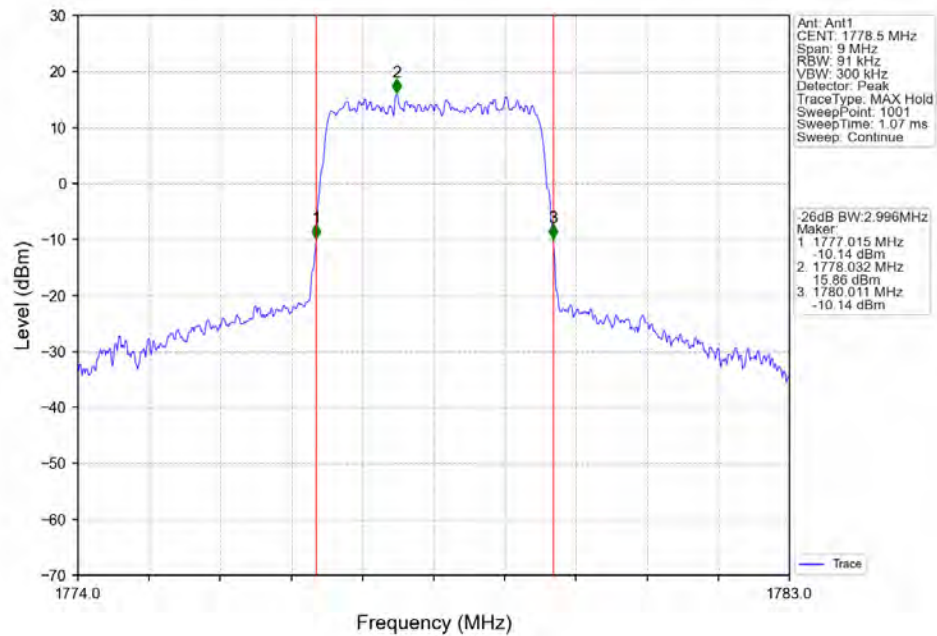
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



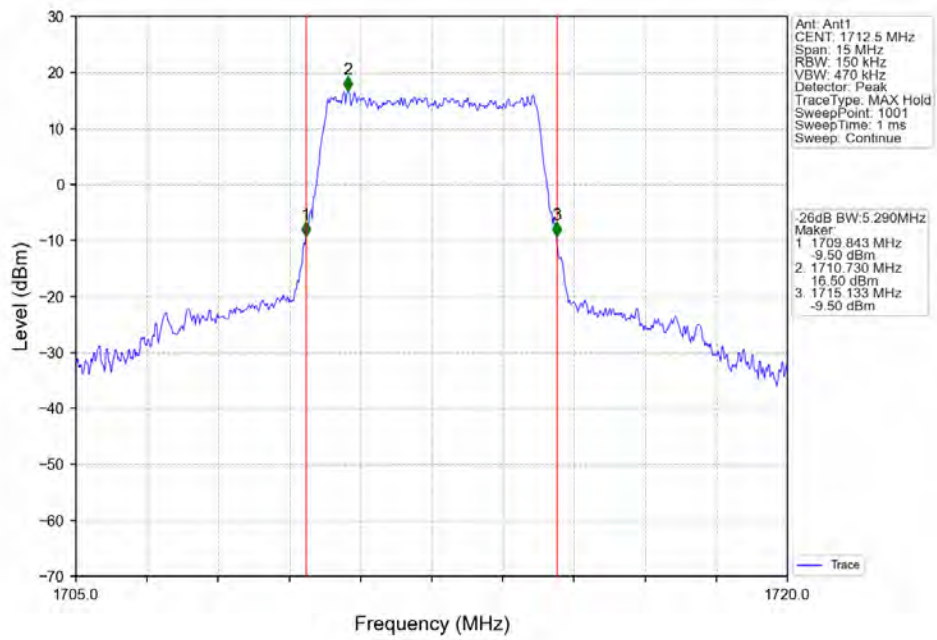
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



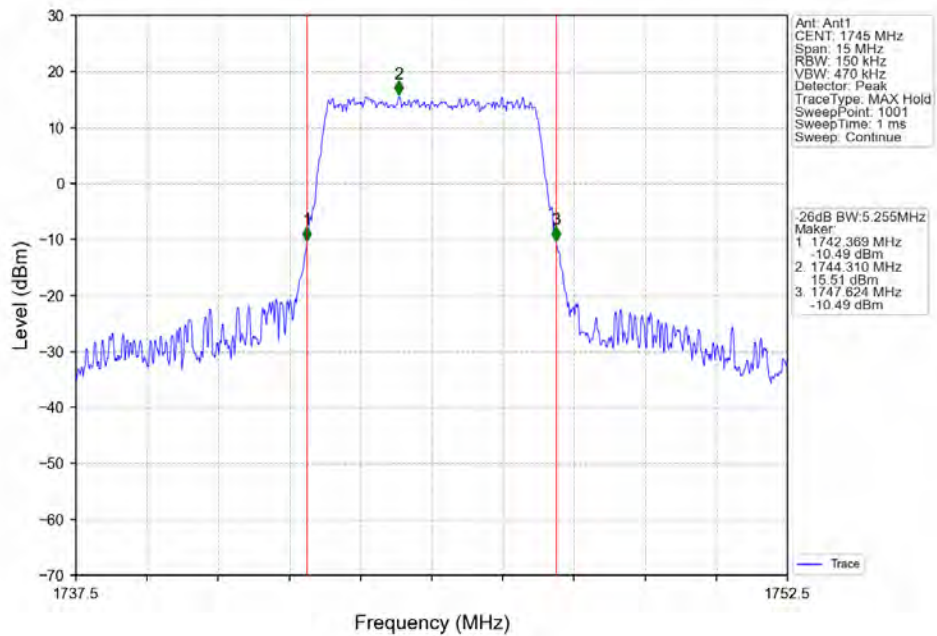
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



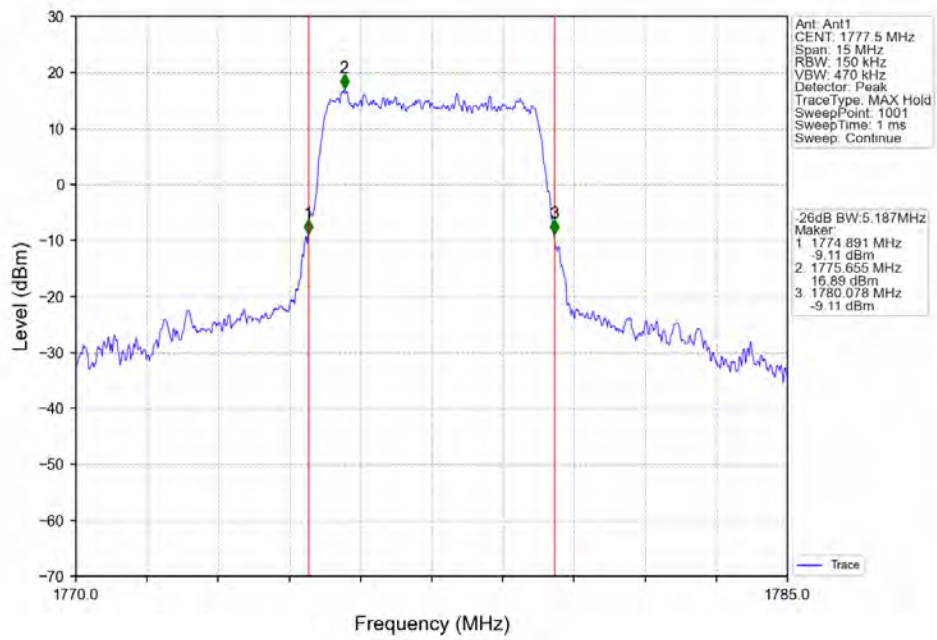
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



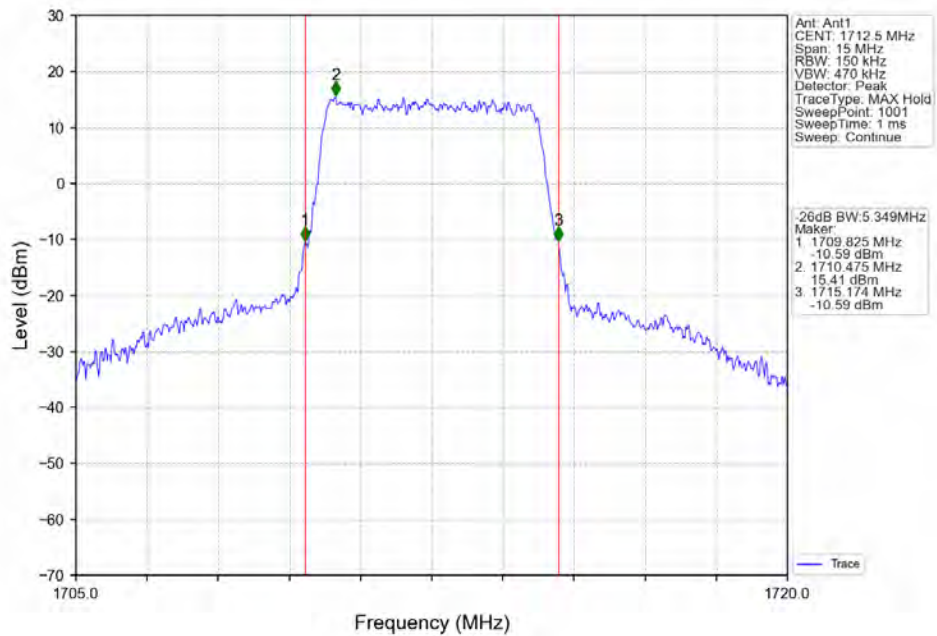
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



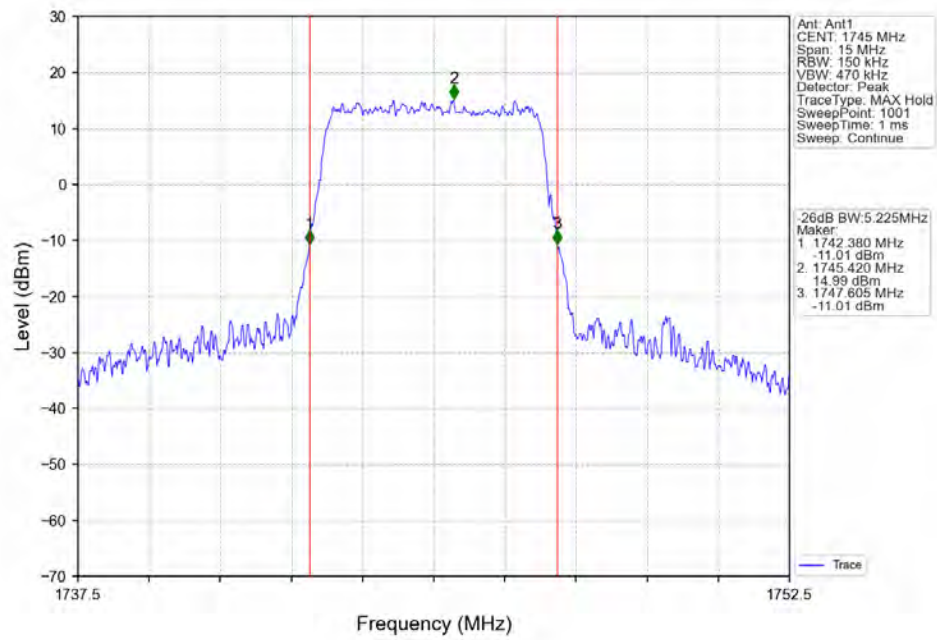
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



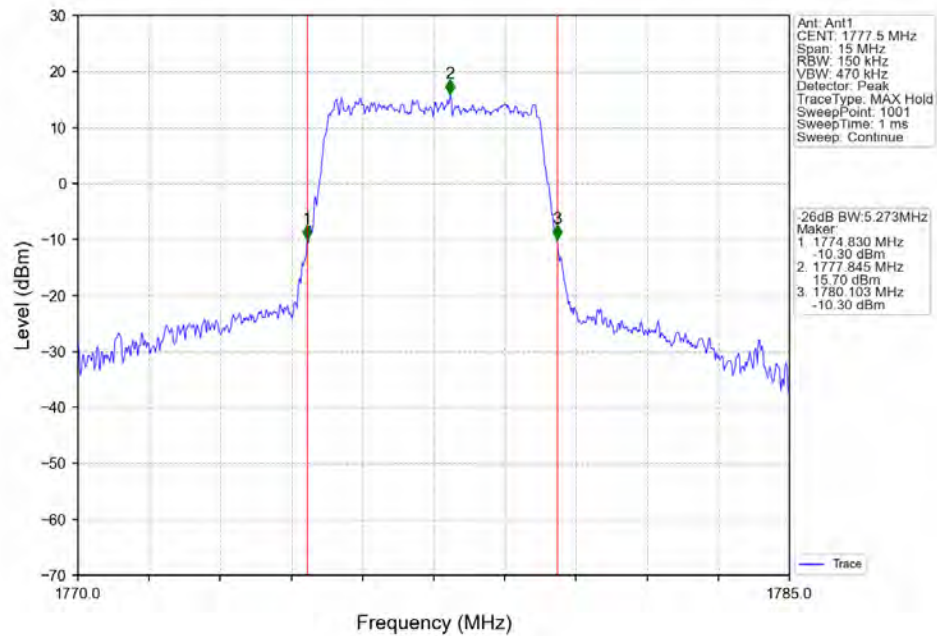
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



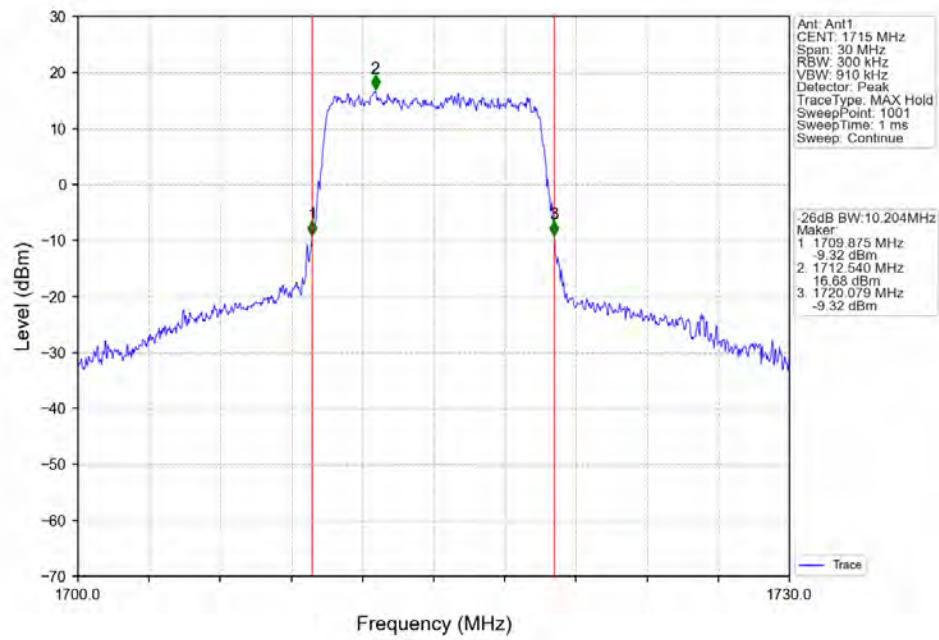
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



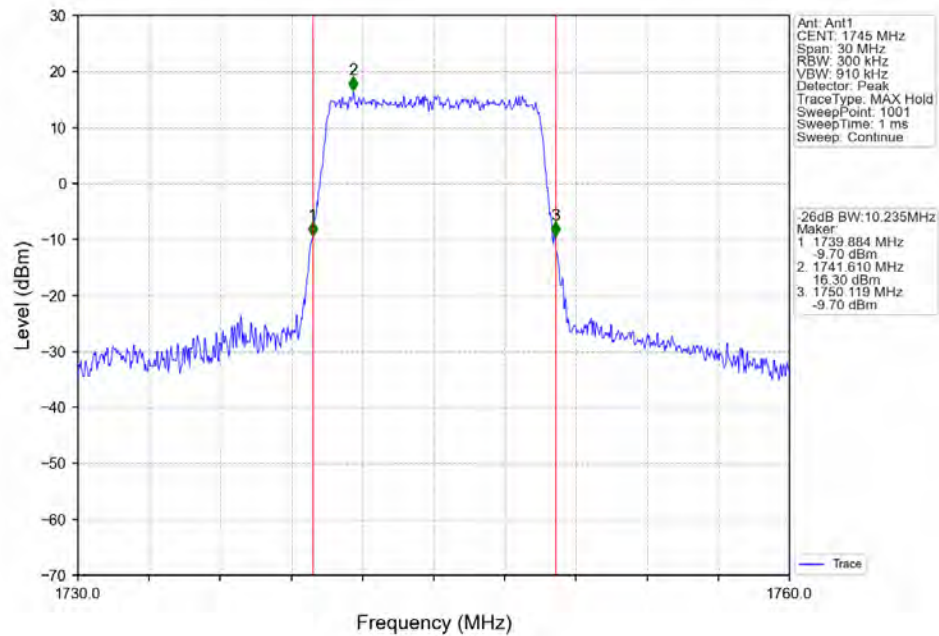
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



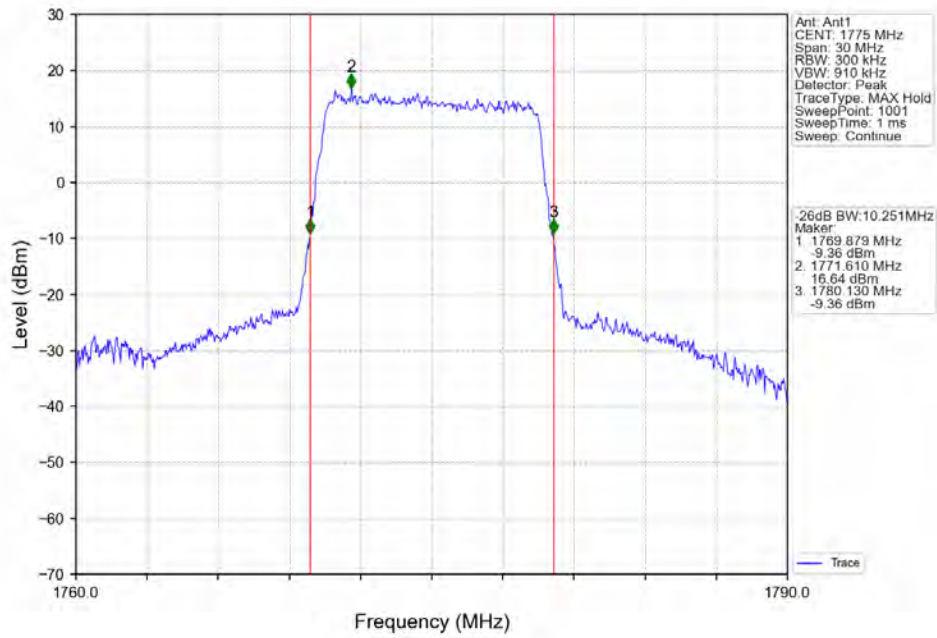
Band66_10MHz QPSK LCH 1715MHz RB 50 0 NTN



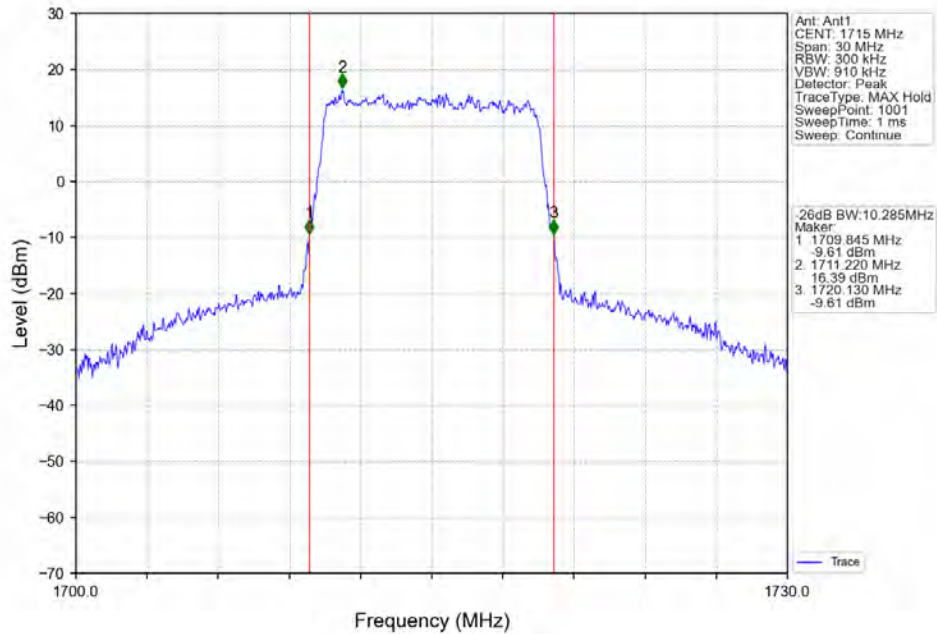
Band66_10MHz QPSK MCH 1745MHz RB 50 0 NTN



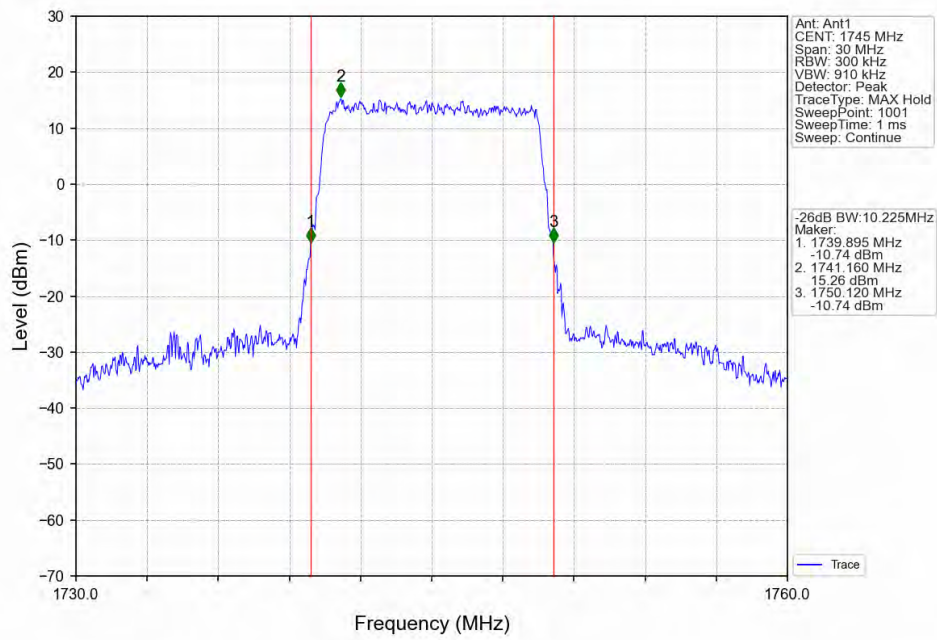
Band66_10MHz QPSK HCH 1775MHz RB 50 0 NTNV



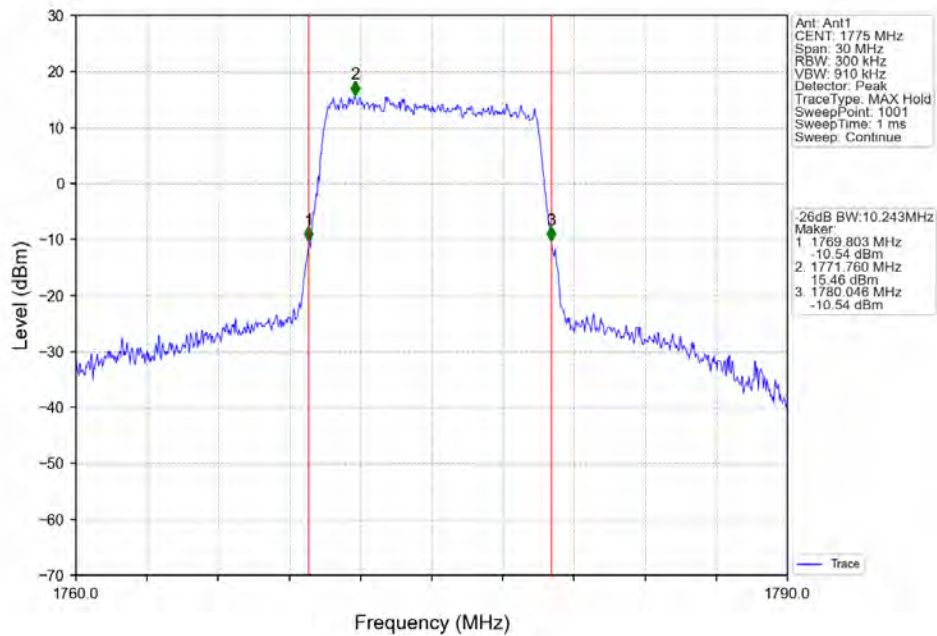
Band66_10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



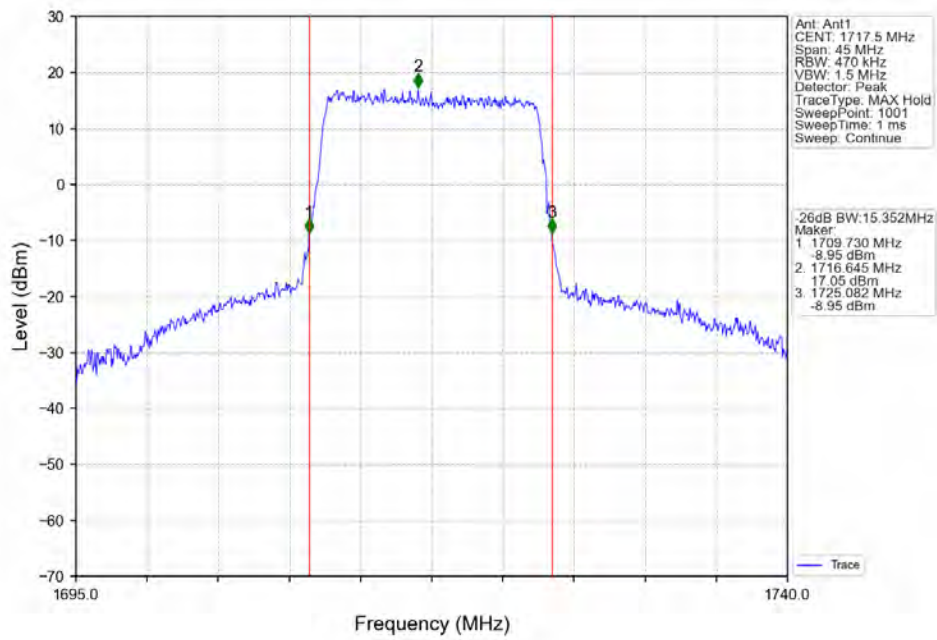
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



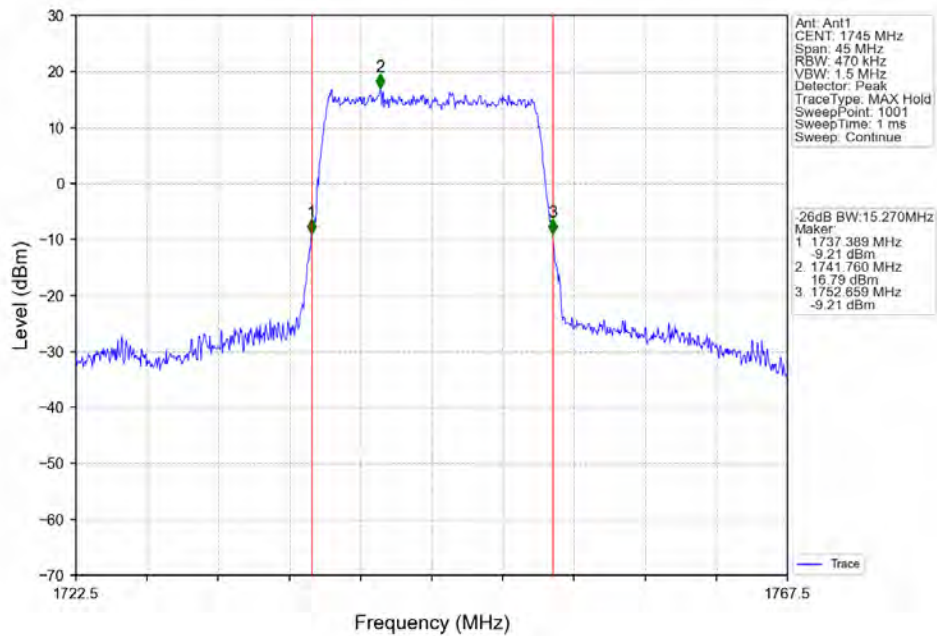
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



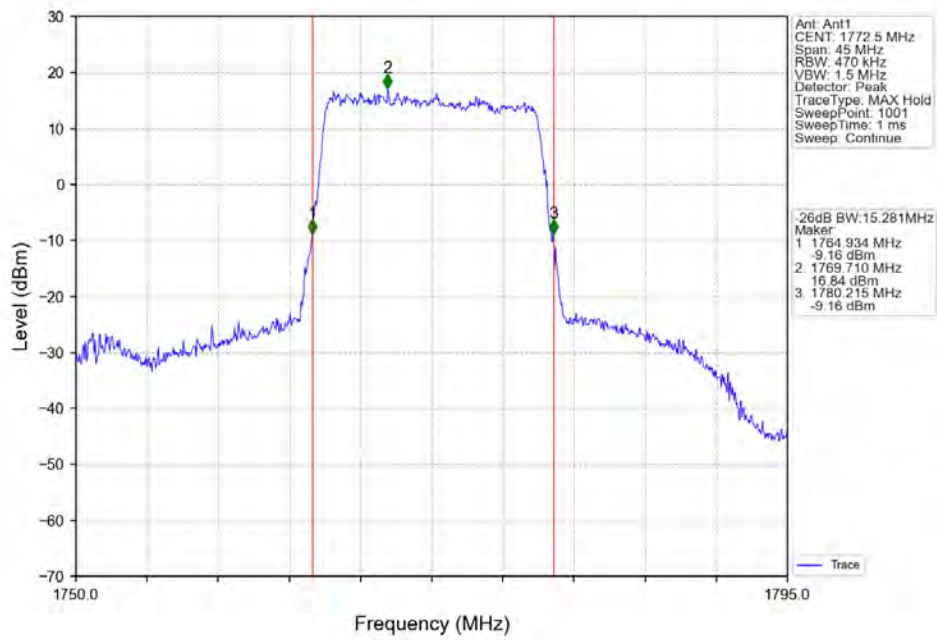
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



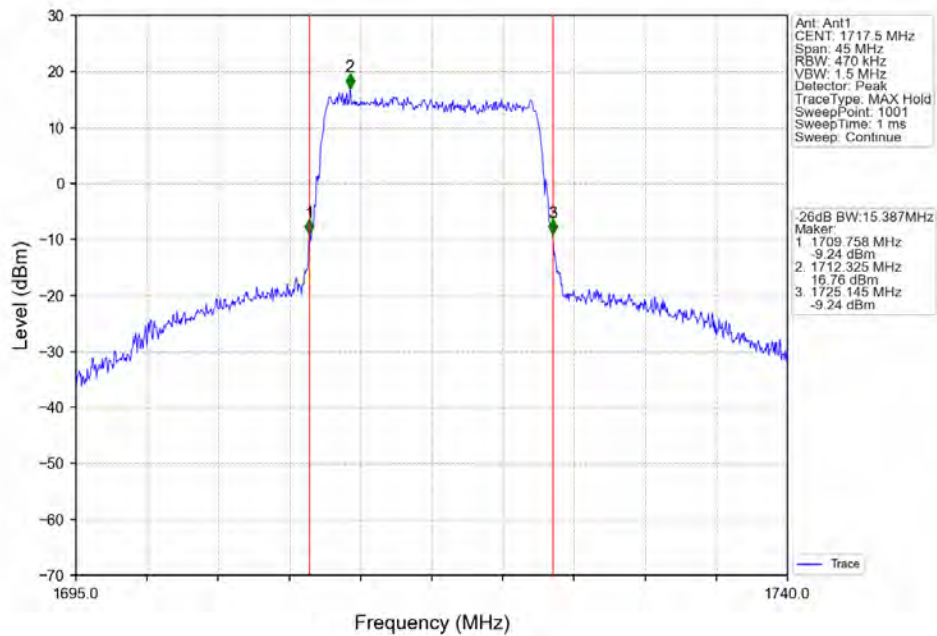
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



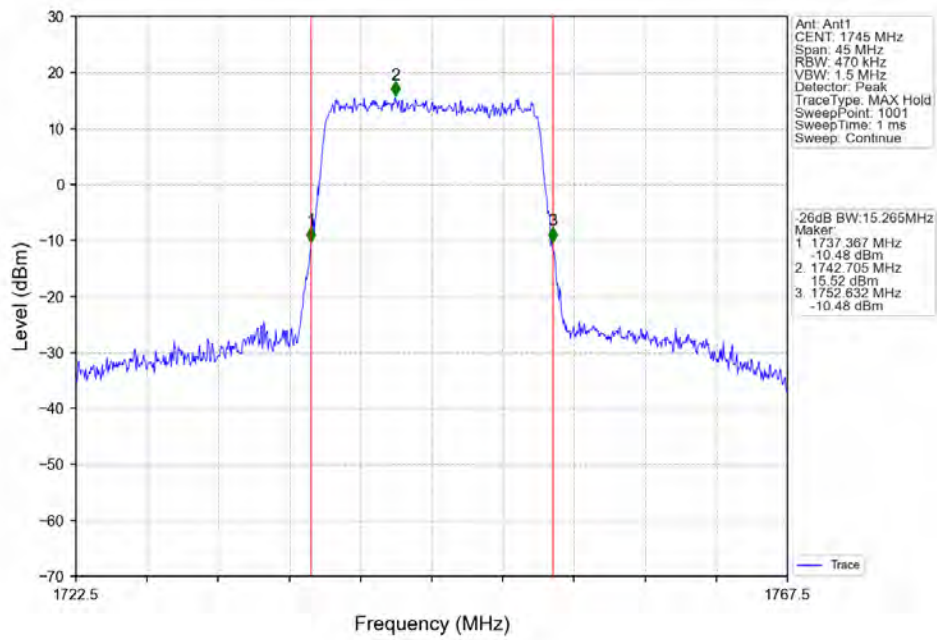
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



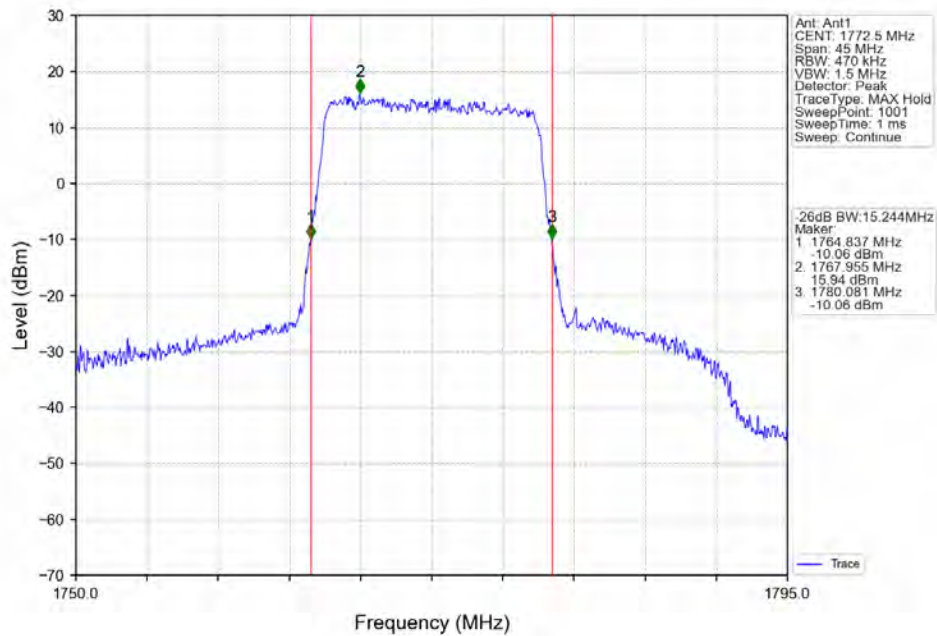
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



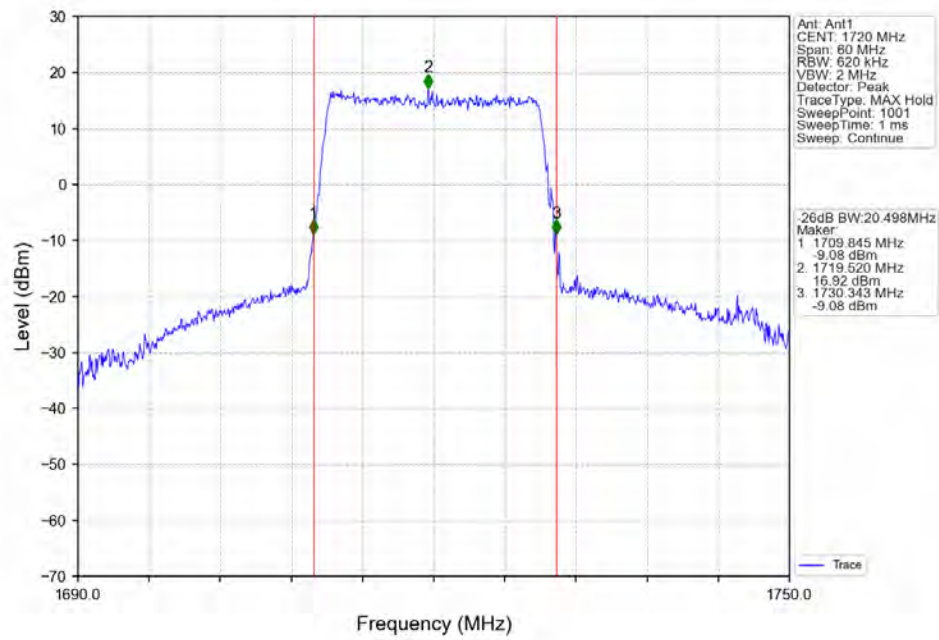
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



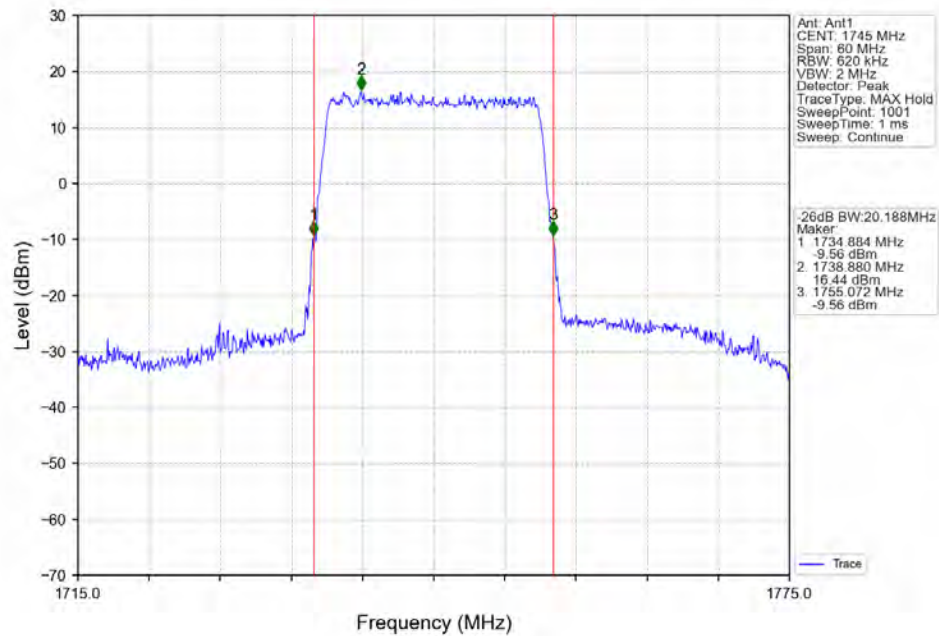
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



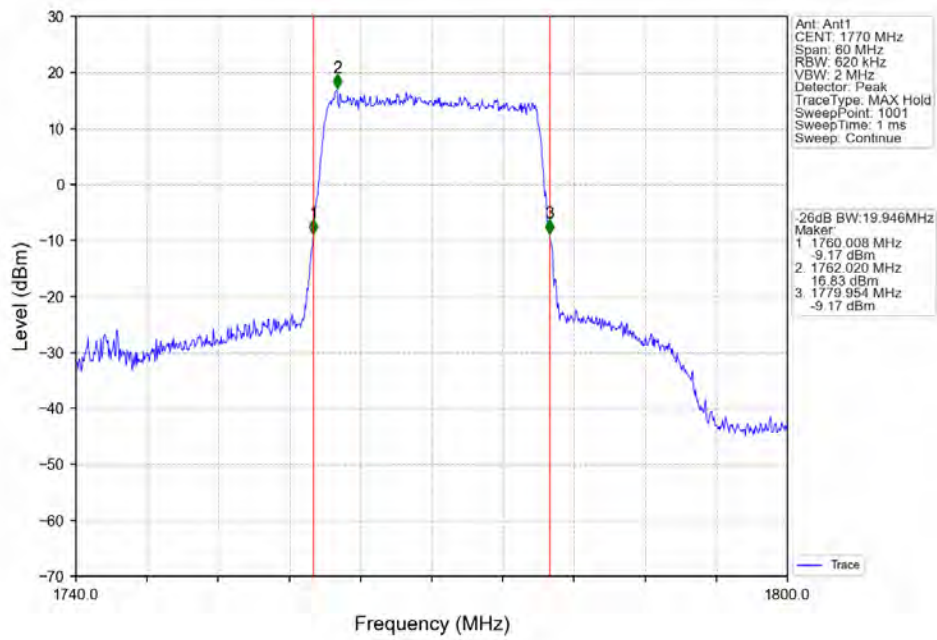
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



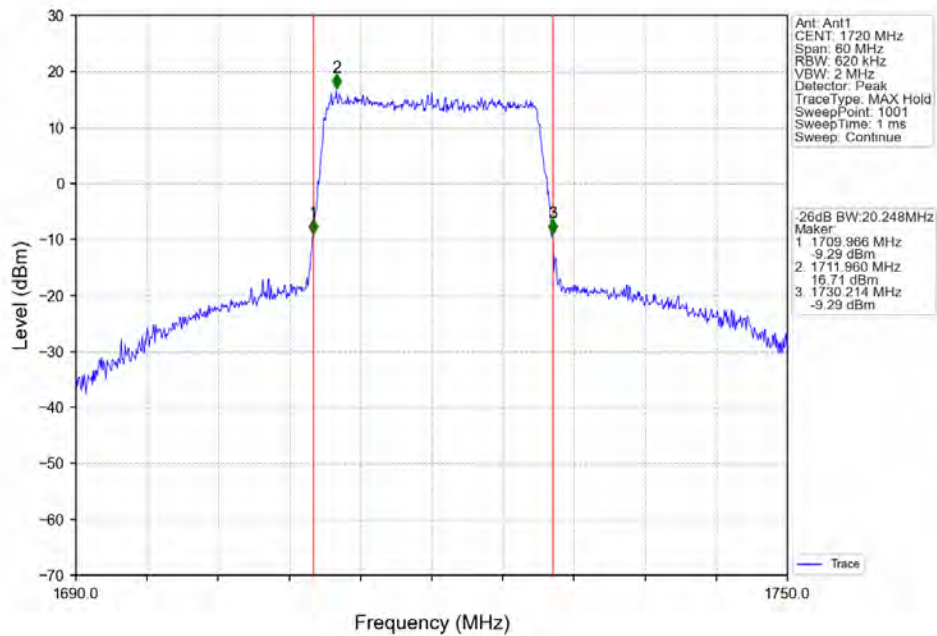
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



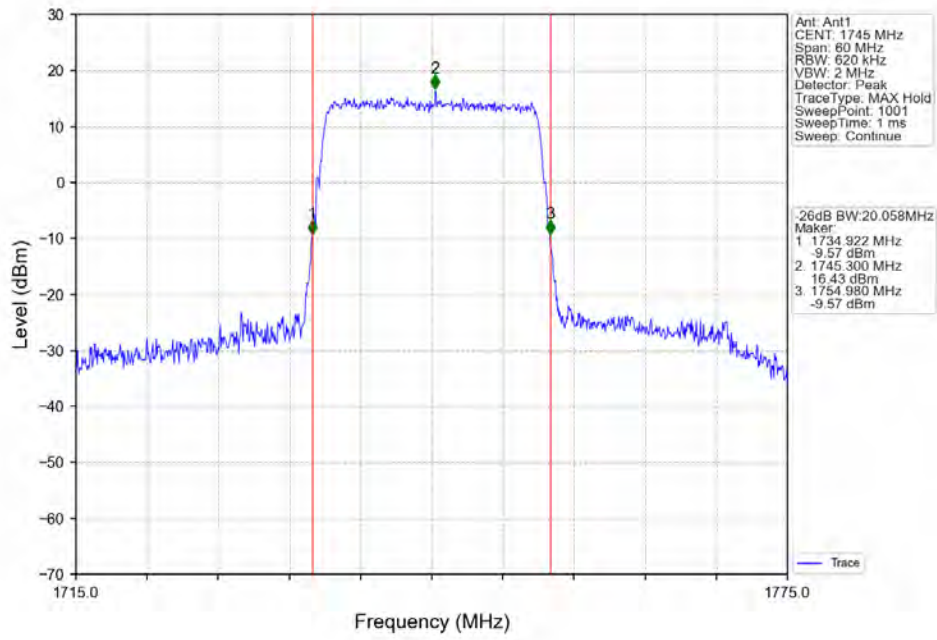
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



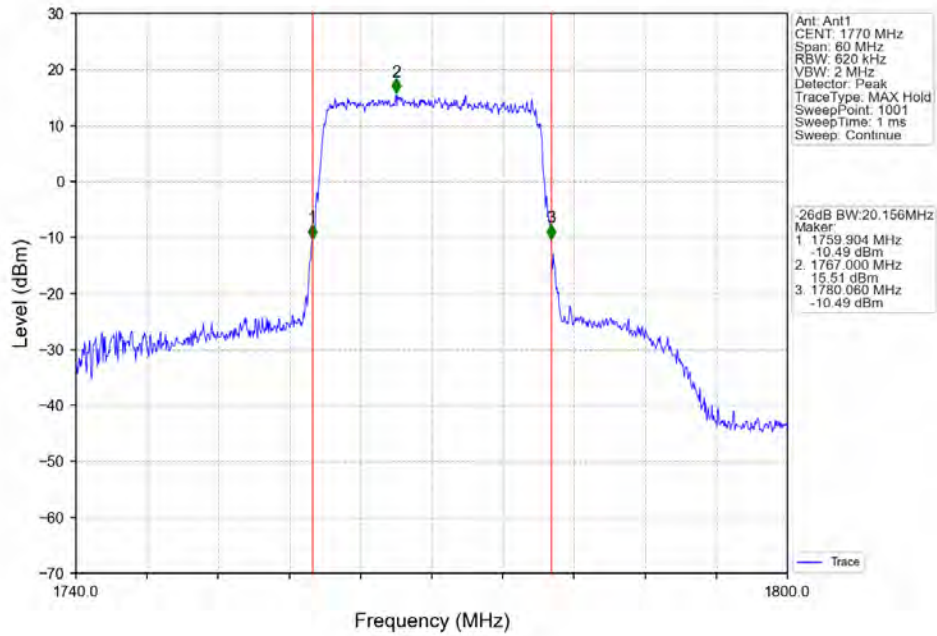
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



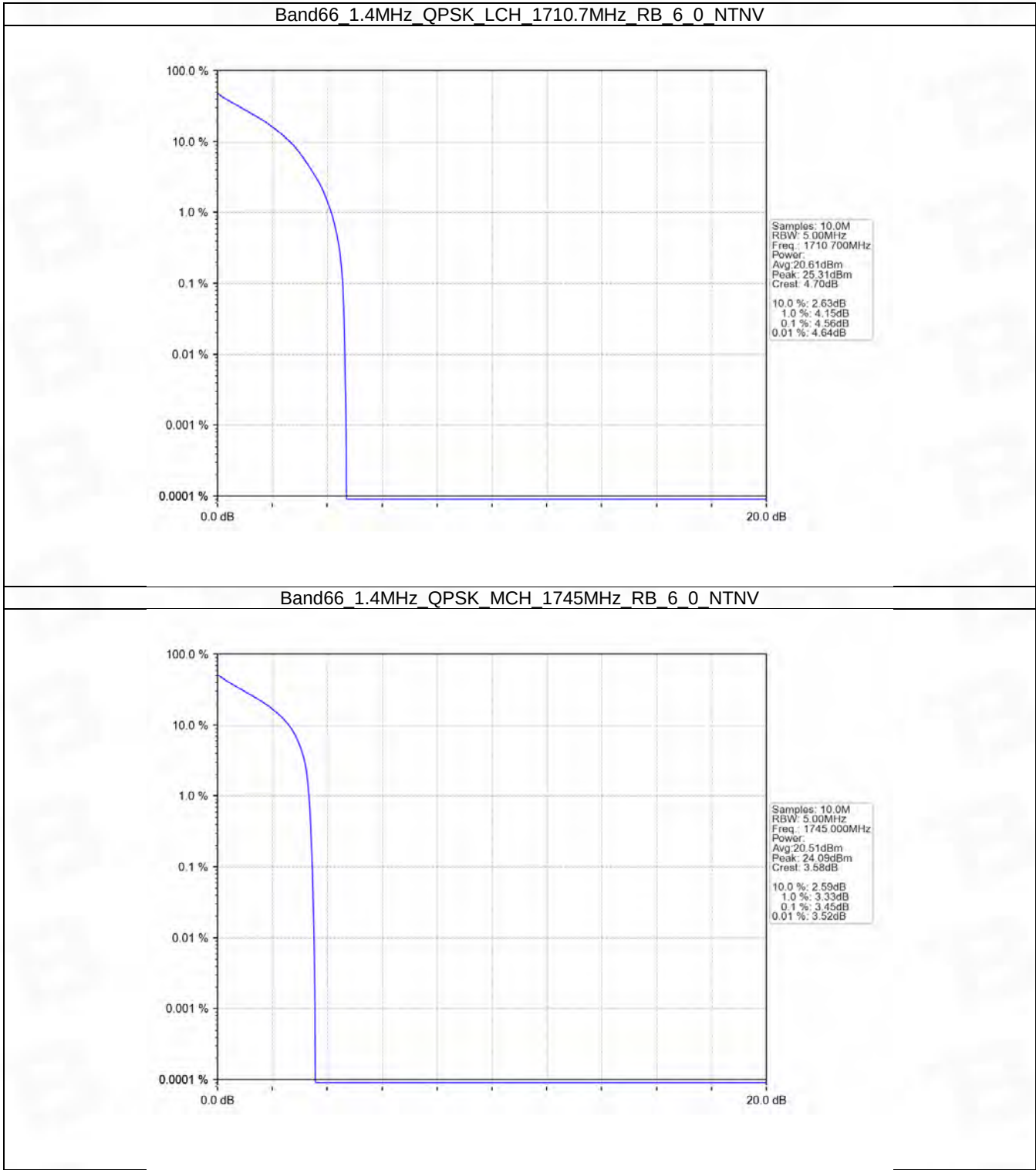
5. Peak-Average Ratio

5.1 B66_1.4MHz

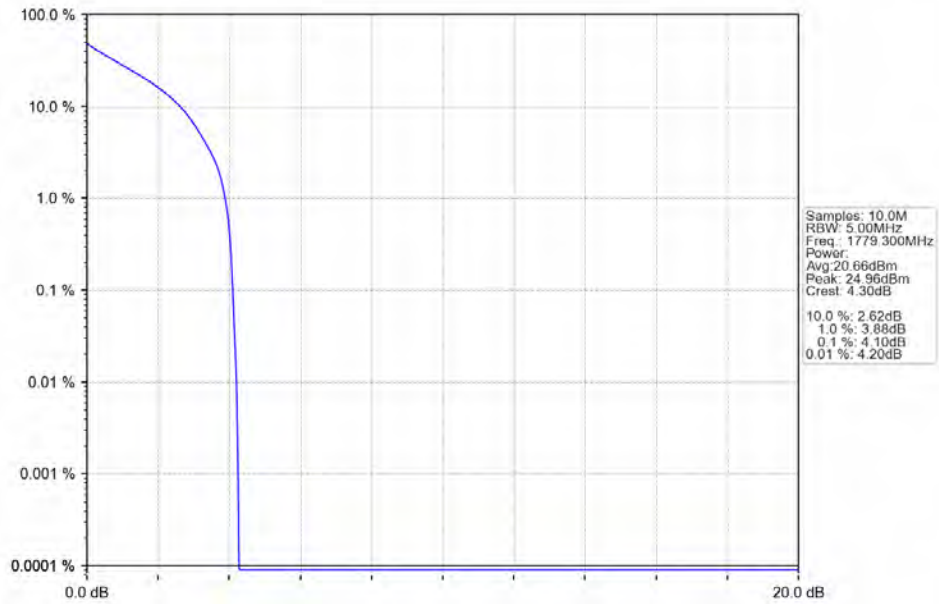
5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.56	<=13	Pass
	1745	6	0	3.45	<=13	Pass
	1779.3	6	0	4.10	<=13	Pass
16QAM	1710.7	6	0	5.30	<=13	Pass
	1745	6	0	4.10	<=13	Pass
	1779.3	6	0	4.88	<=13	Pass

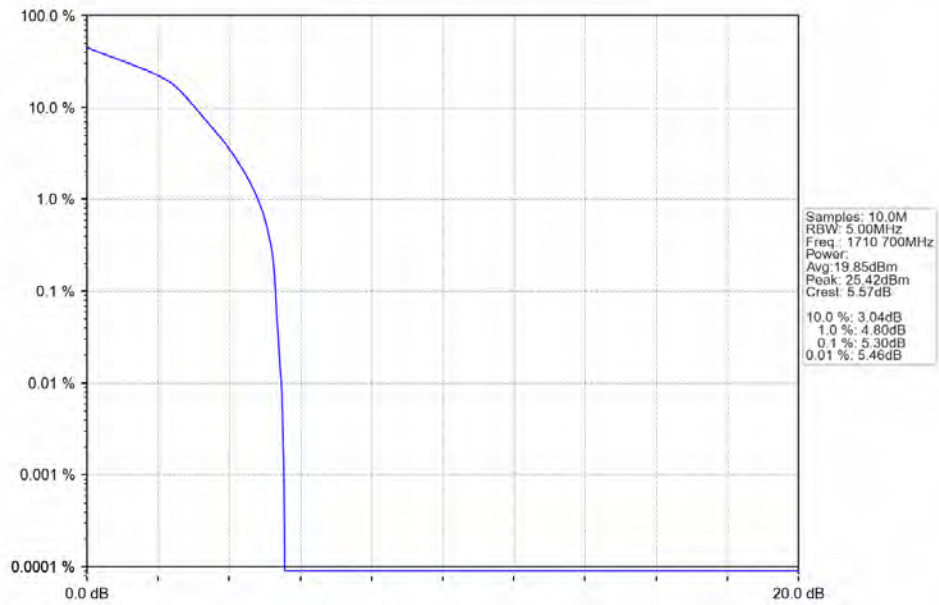
5.1.2 Test Graph



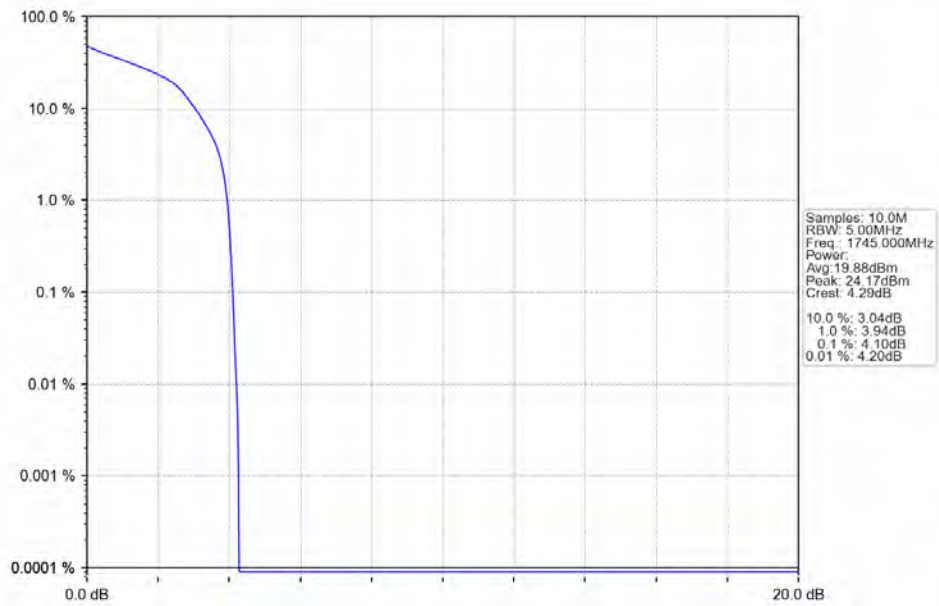
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



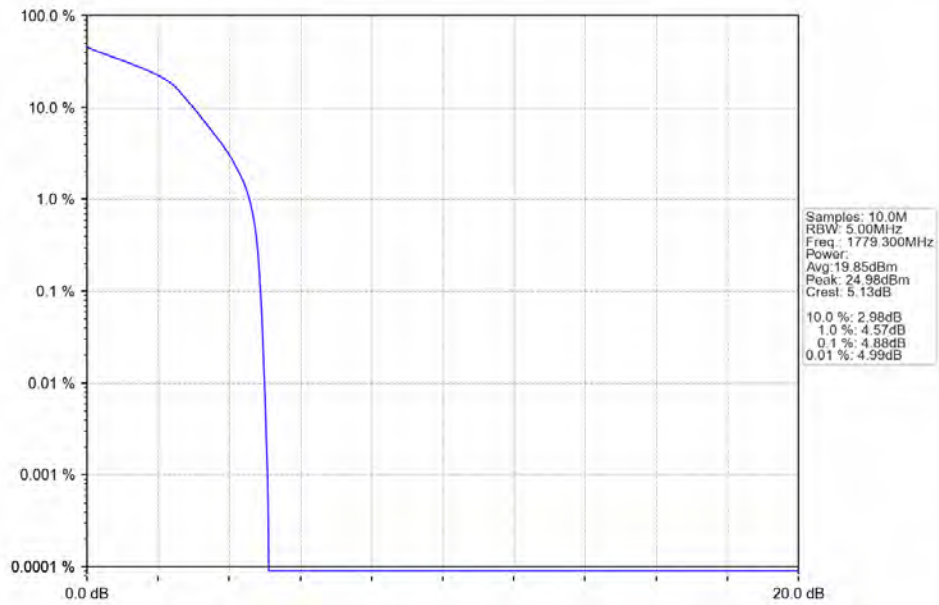
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



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



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

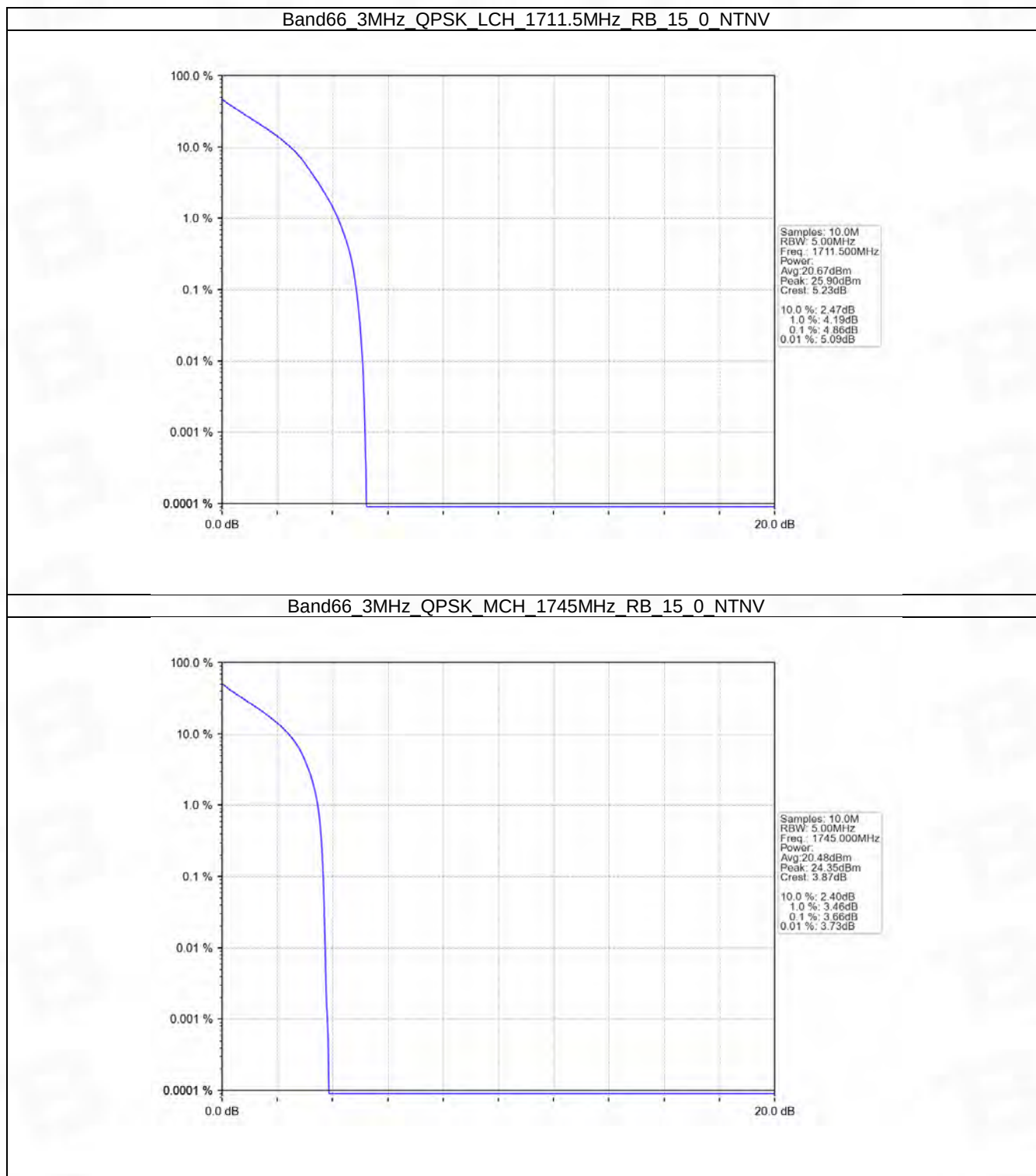


5.2 B66_3MHz

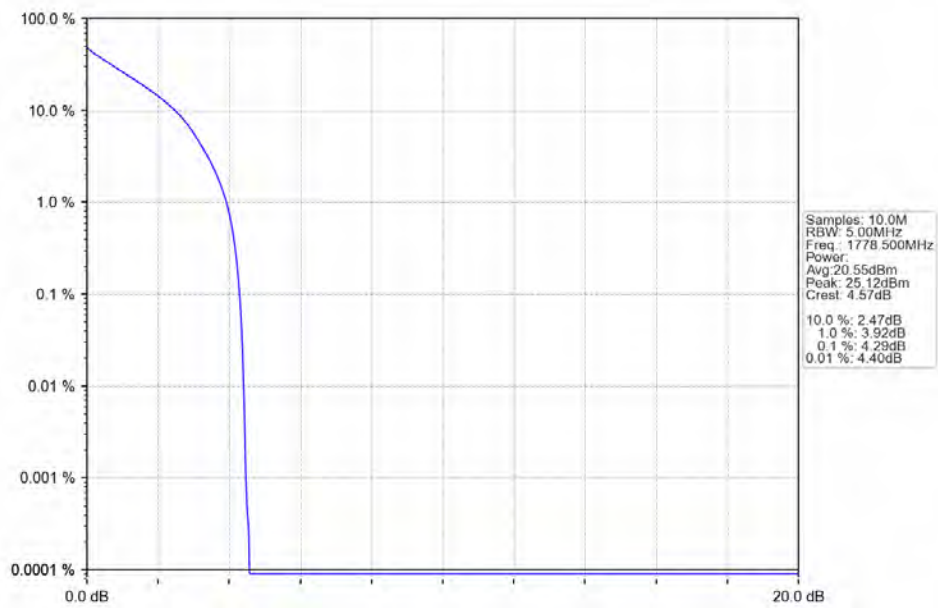
5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.86	<=13	Pass
	1745	15	0	3.66	<=13	Pass
	1778.5	15	0	4.29	<=13	Pass
16QAM	1711.5	15	0	4.85	<=13	Pass
	1745	15	0	3.66	<=13	Pass
	1778.5	15	0	4.22	<=13	Pass

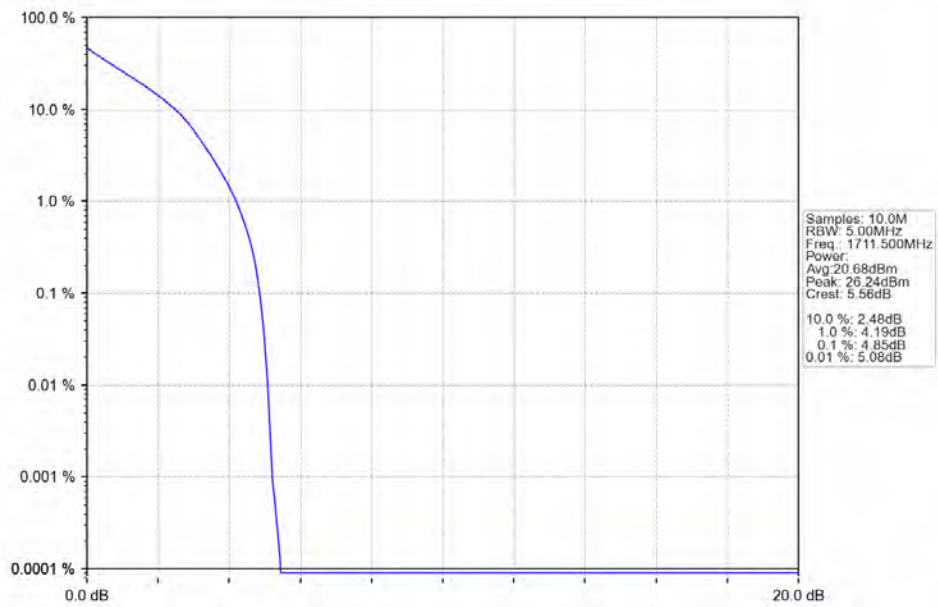
5.2.2 Test Graph



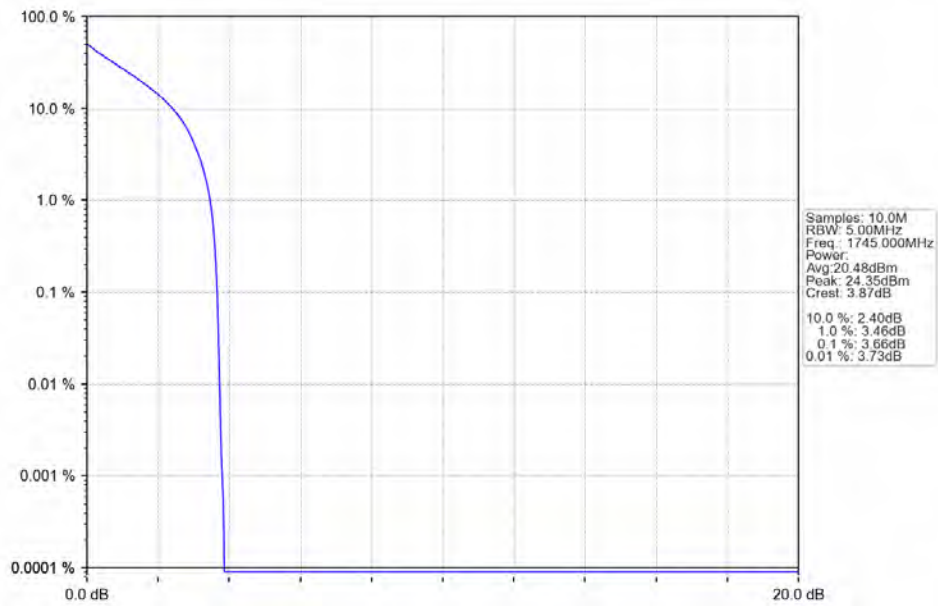
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



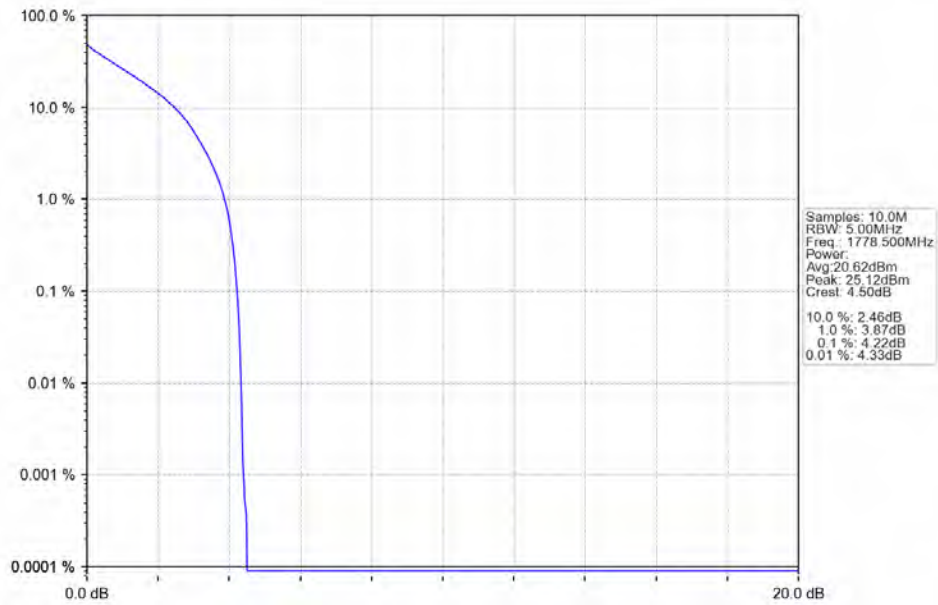
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



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



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

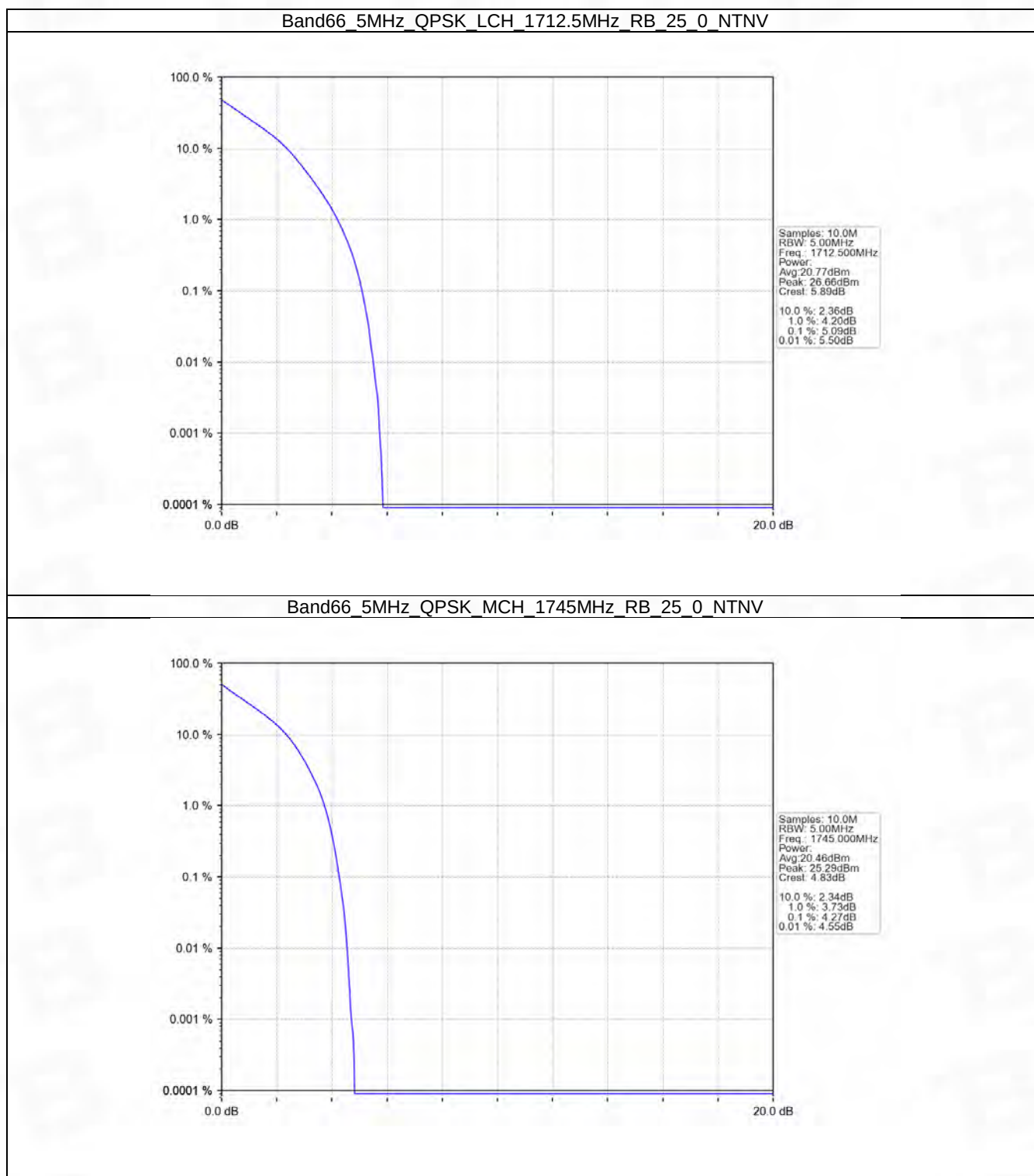


5.3 B66_5MHz

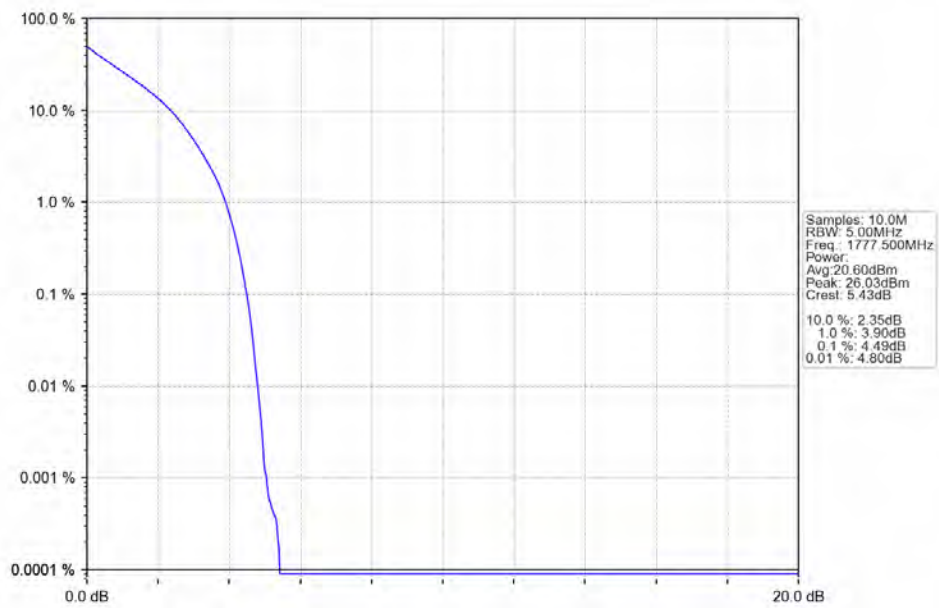
5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.09	<=13	Pass
	1745	25	0	4.27	<=13	Pass
	1777.5	25	0	4.49	<=13	Pass
16QAM	1712.5	25	0	5.85	<=13	Pass
	1745	25	0	4.93	<=13	Pass
	1777.5	25	0	5.29	<=13	Pass

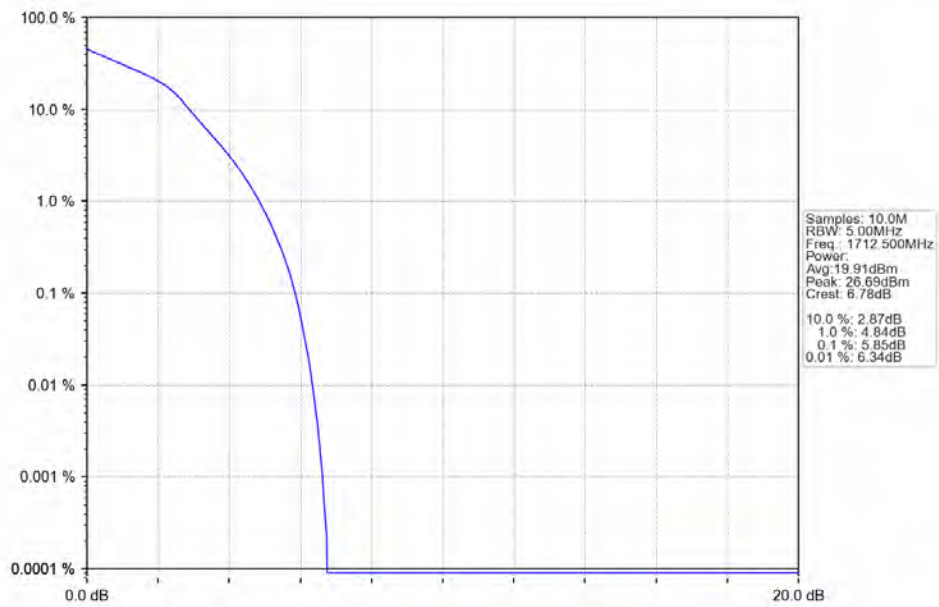
5.3.2 Test Graph



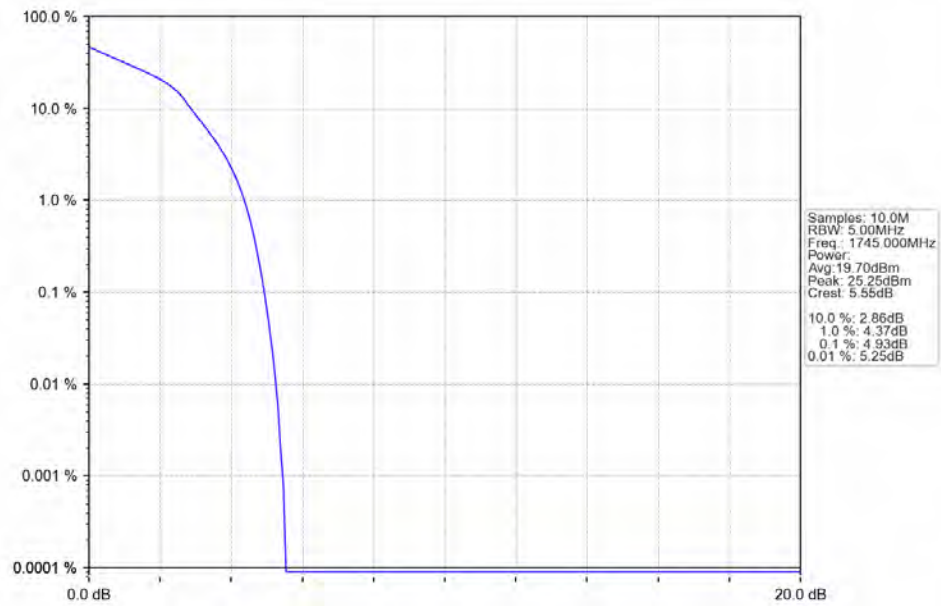
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



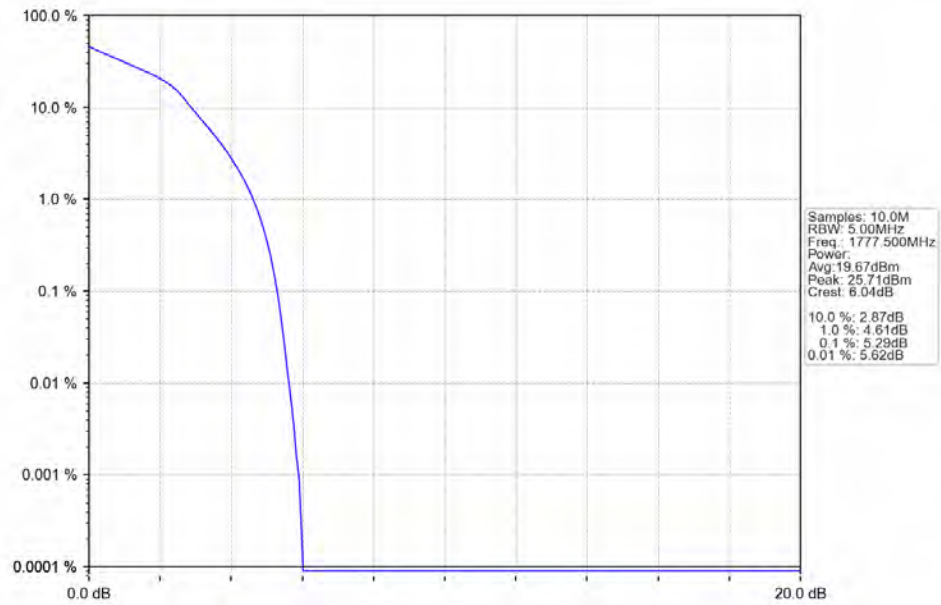
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



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



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

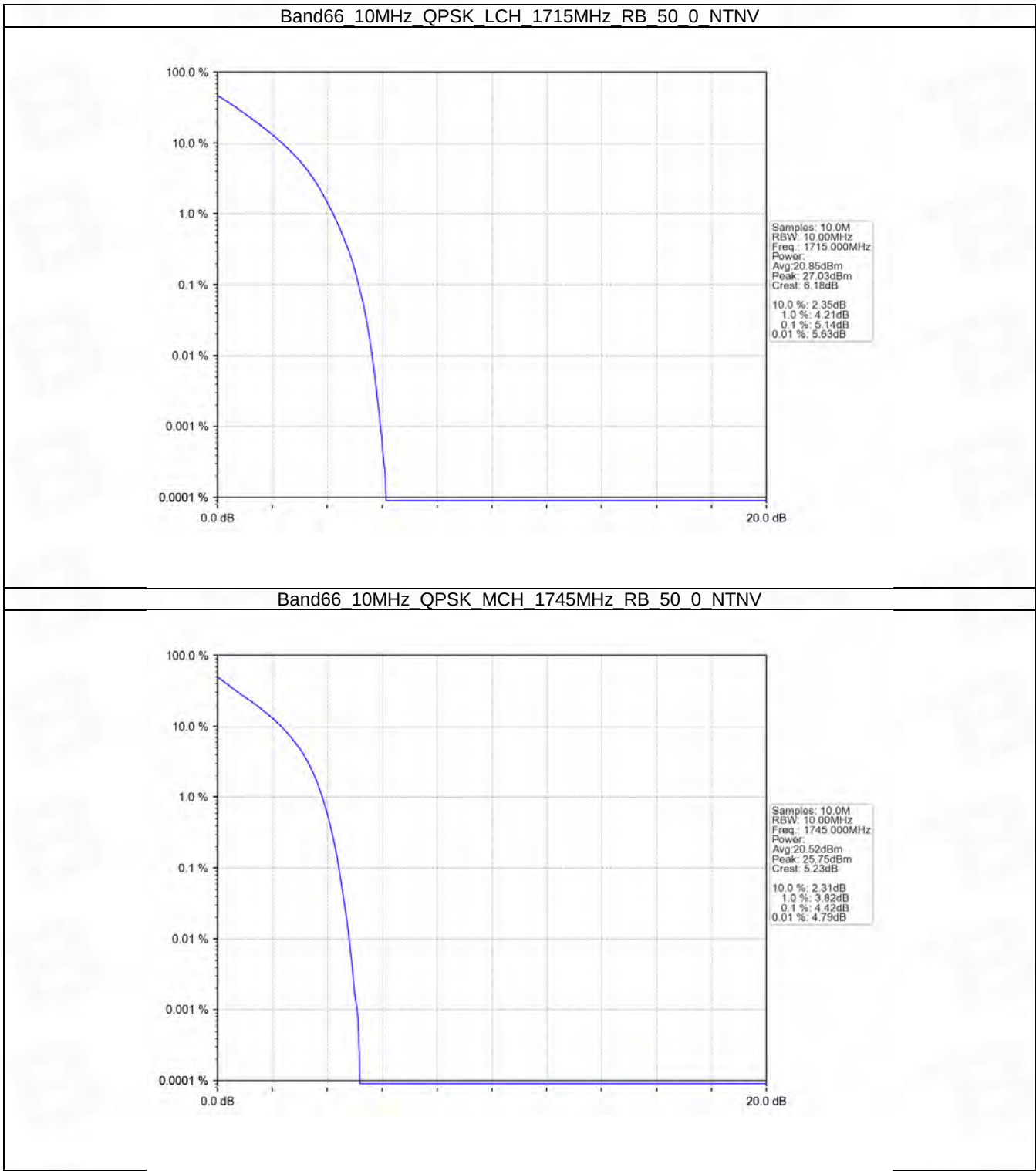


5.4 B66_10MHz

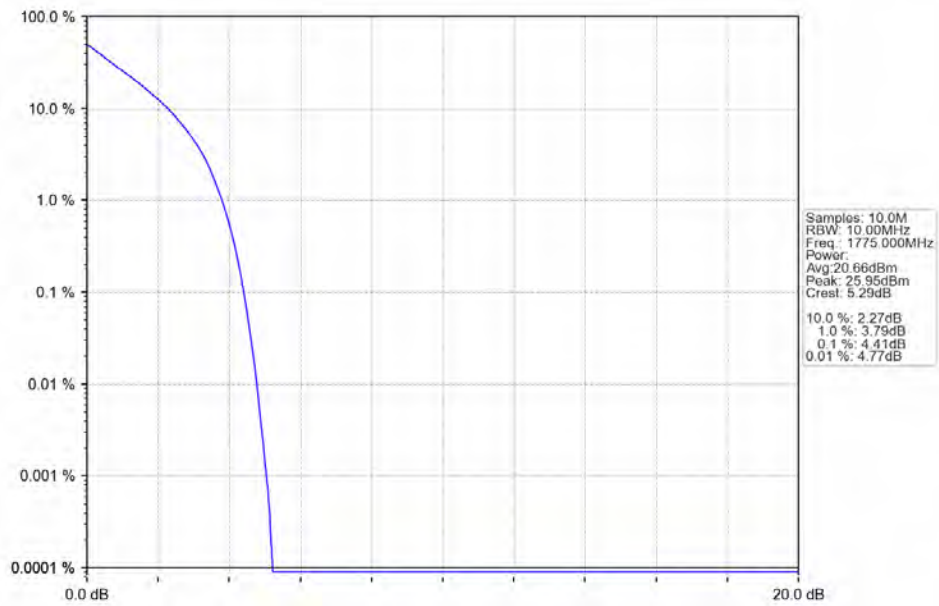
5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.14	<=13	Pass
	1745	50	0	4.42	<=13	Pass
	1775	50	0	4.41	<=13	Pass
16QAM	1715	50	0	5.90	<=13	Pass
	1745	50	0	5.04	<=13	Pass
	1775	50	0	5.18	<=13	Pass

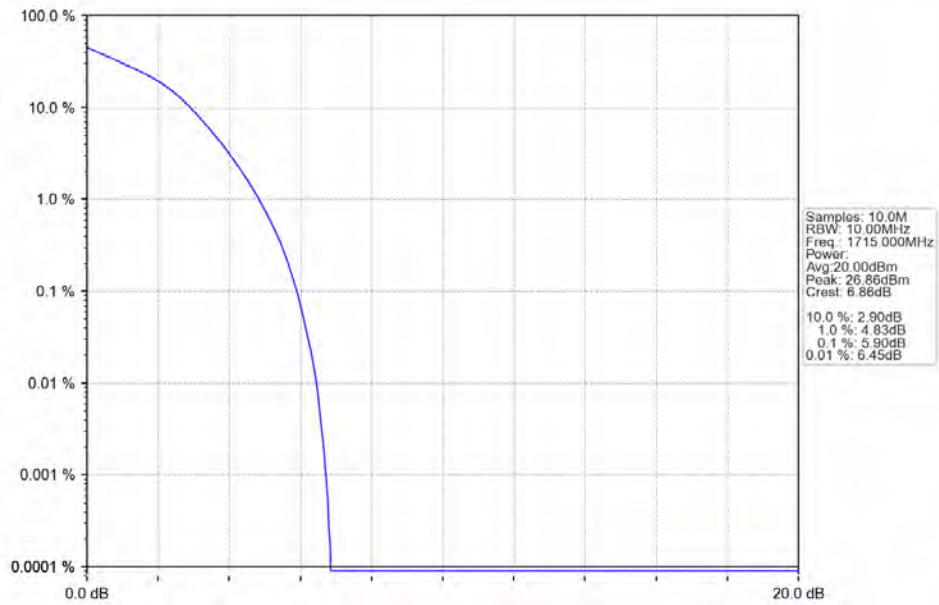
5.4.2 Test Graph



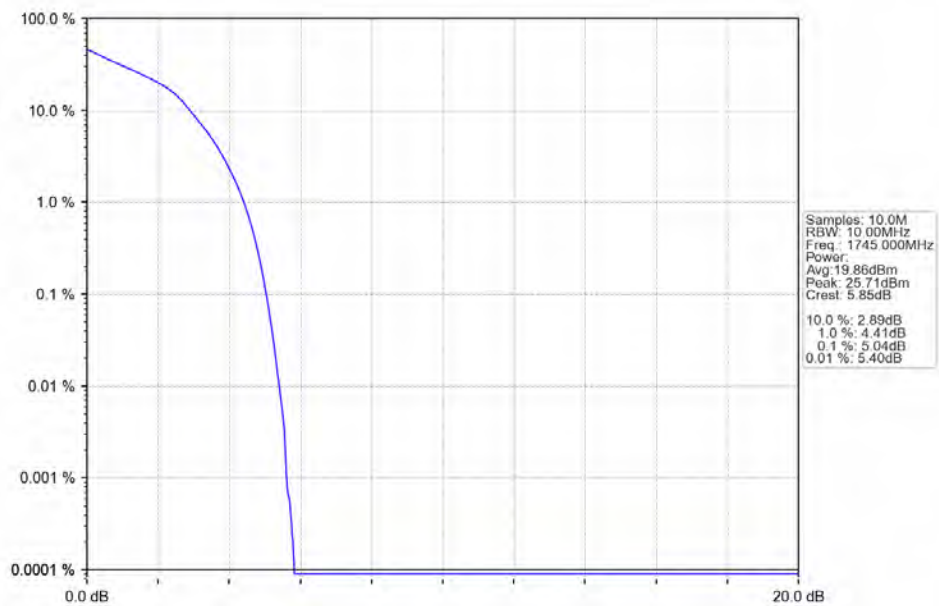
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



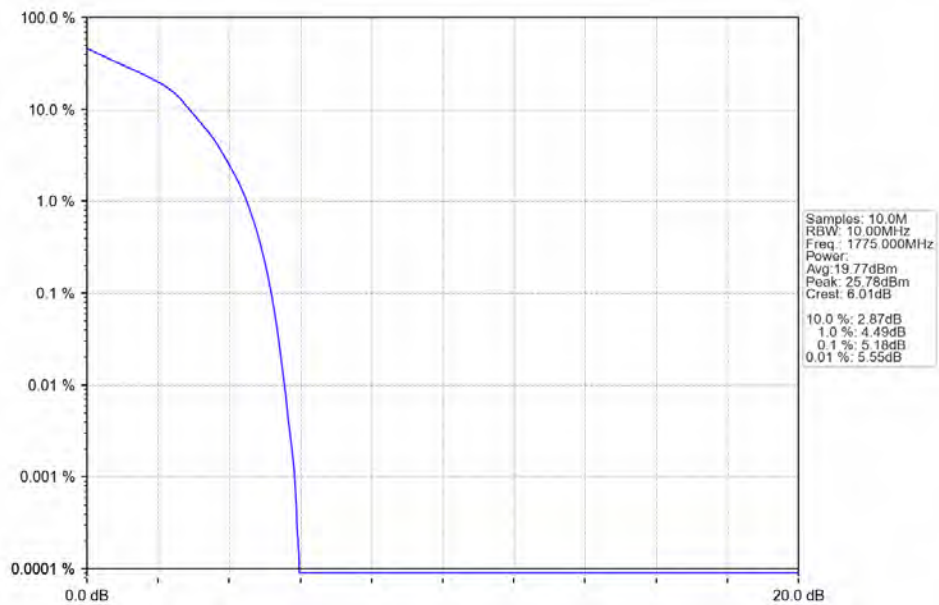
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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



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

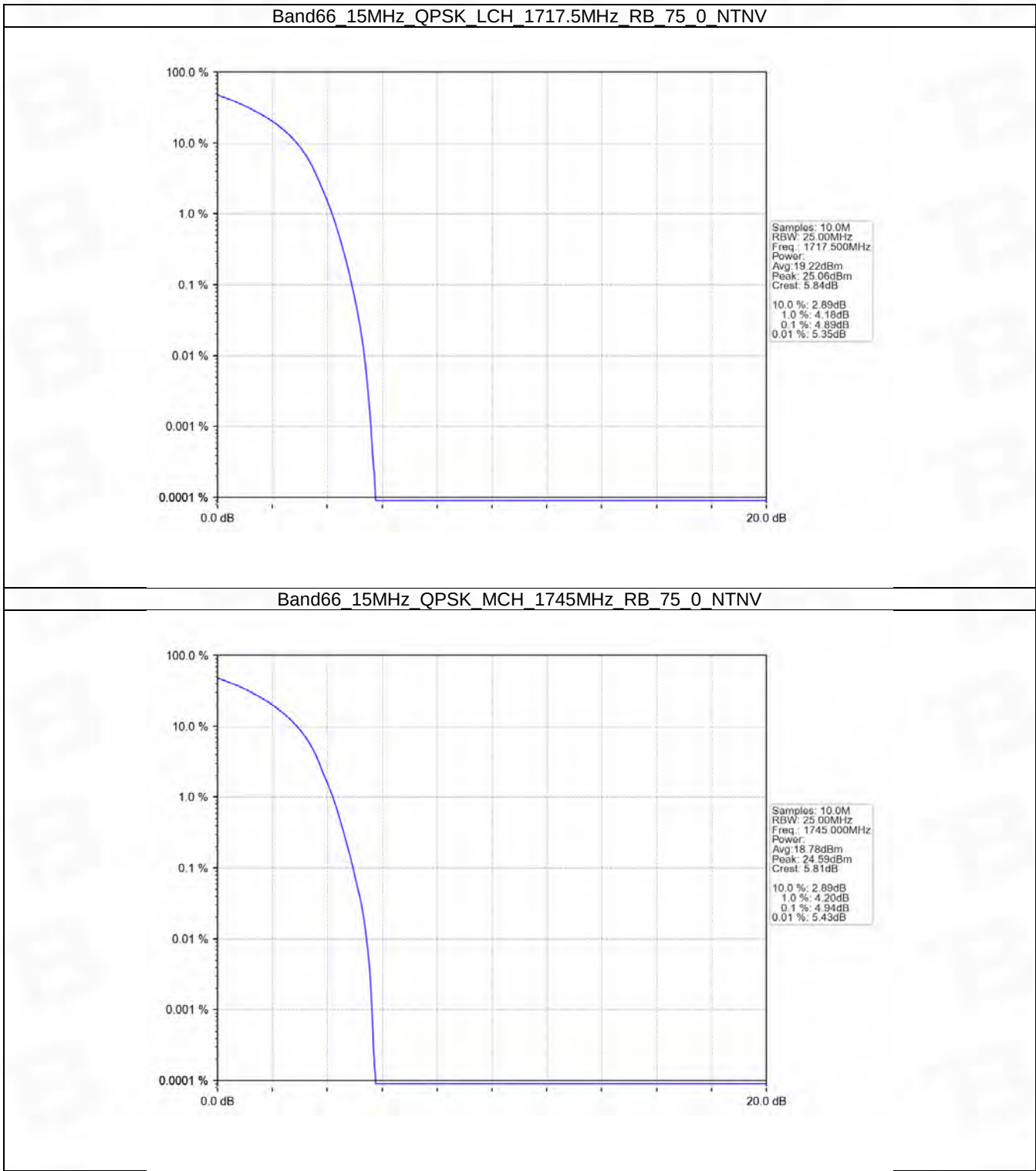


5.5 B66_15MHz

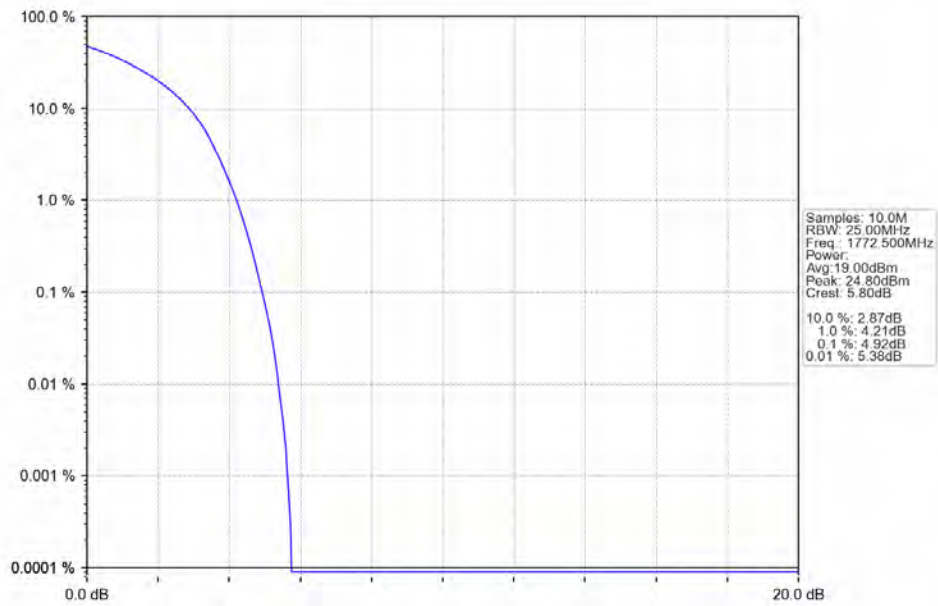
5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.89	<=13	Pass
	1745	75	0	4.94	<=13	Pass
	1772.5	75	0	4.92	<=13	Pass
16QAM	1717.5	75	0	6.05	<=13	Pass
	1745	75	0	6.03	<=13	Pass
	1772.5	75	0	6.01	<=13	Pass

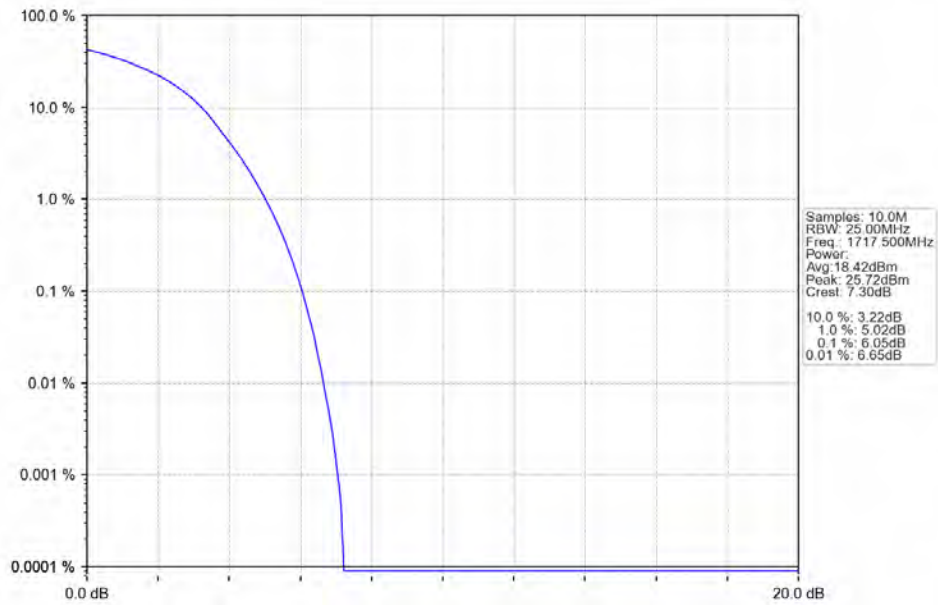
5.5.2 Test Graph



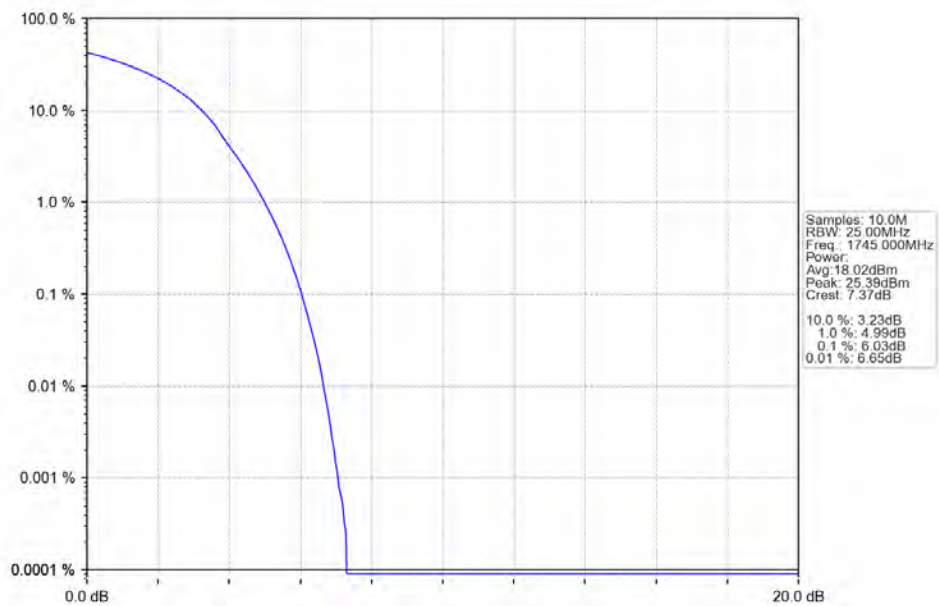
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



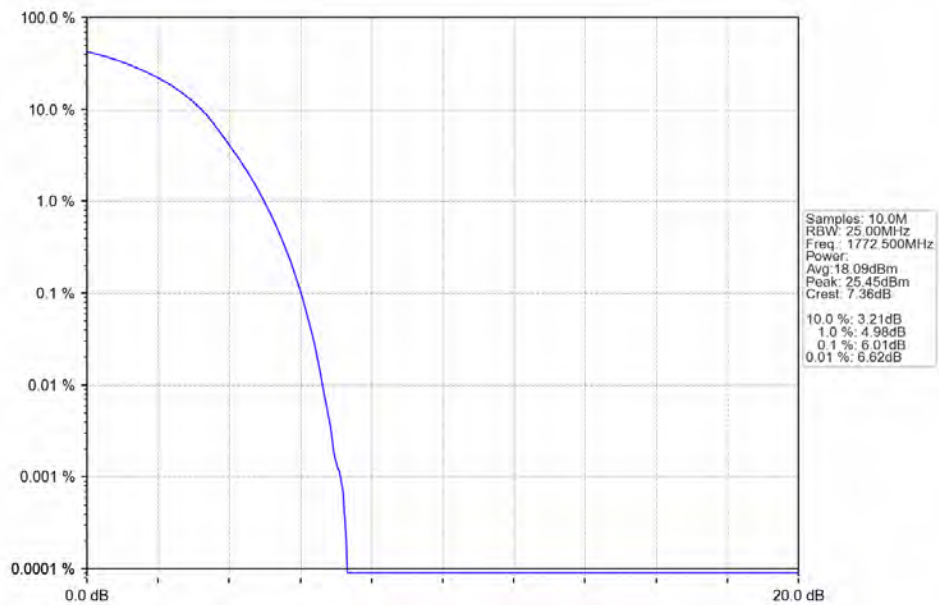
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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



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

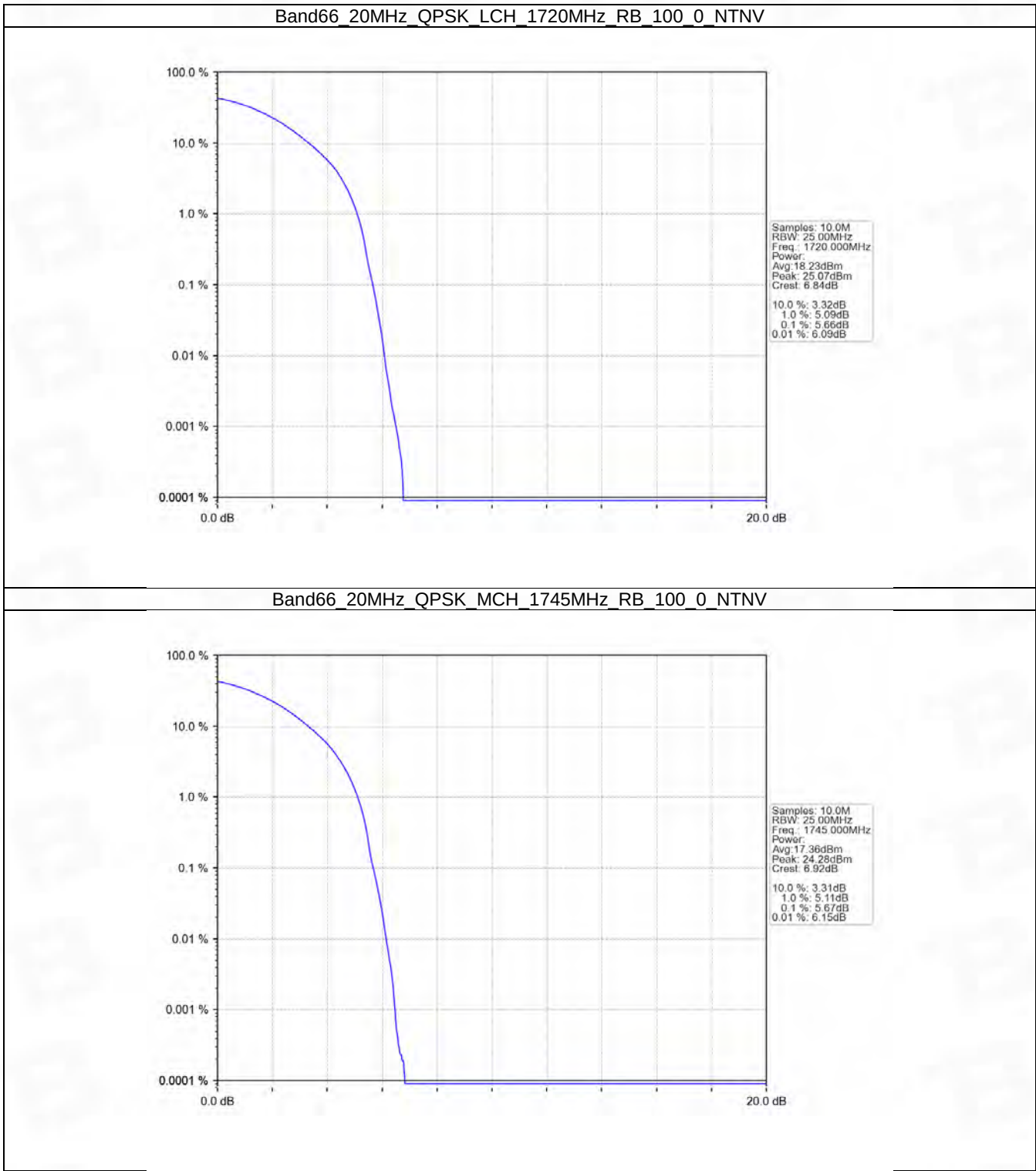


5.6 B66_20MHz

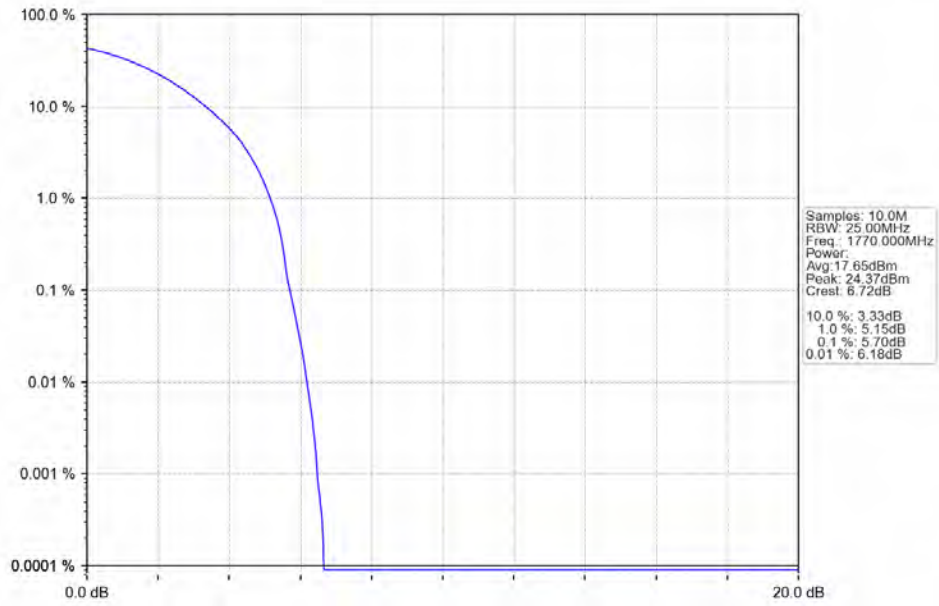
5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.66	<=13	Pass
	1745	100	0	5.67	<=13	Pass
	1770	100	0	5.70	<=13	Pass
16QAM	1720	100	0	6.64	<=13	Pass
	1745	100	0	6.72	<=13	Pass
	1770	100	0	6.61	<=13	Pass

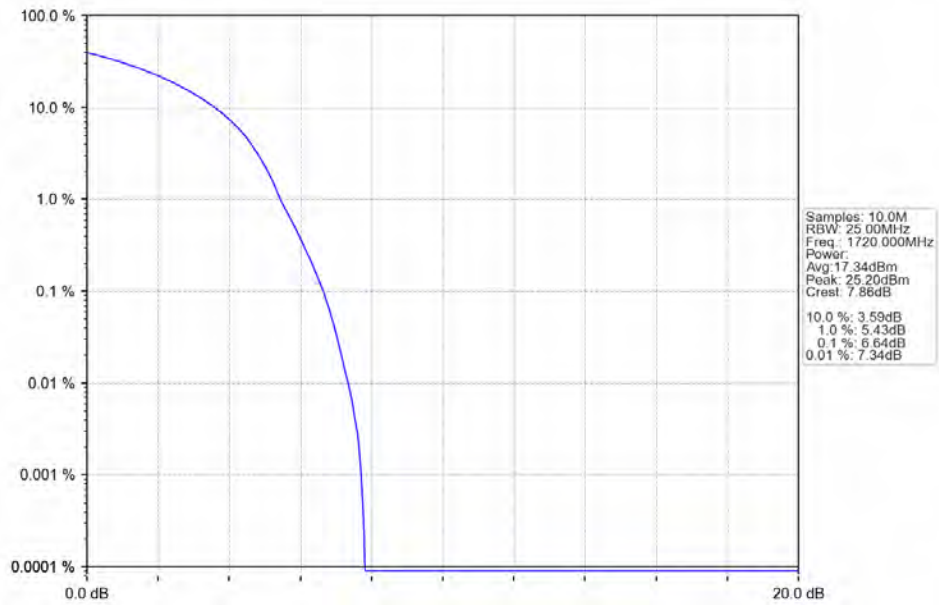
5.6.2 Test Graph



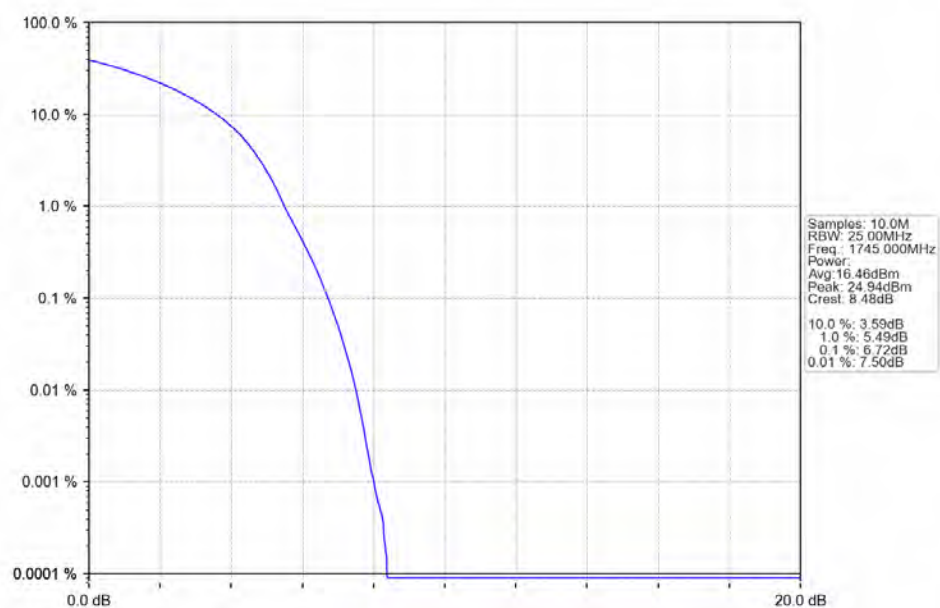
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



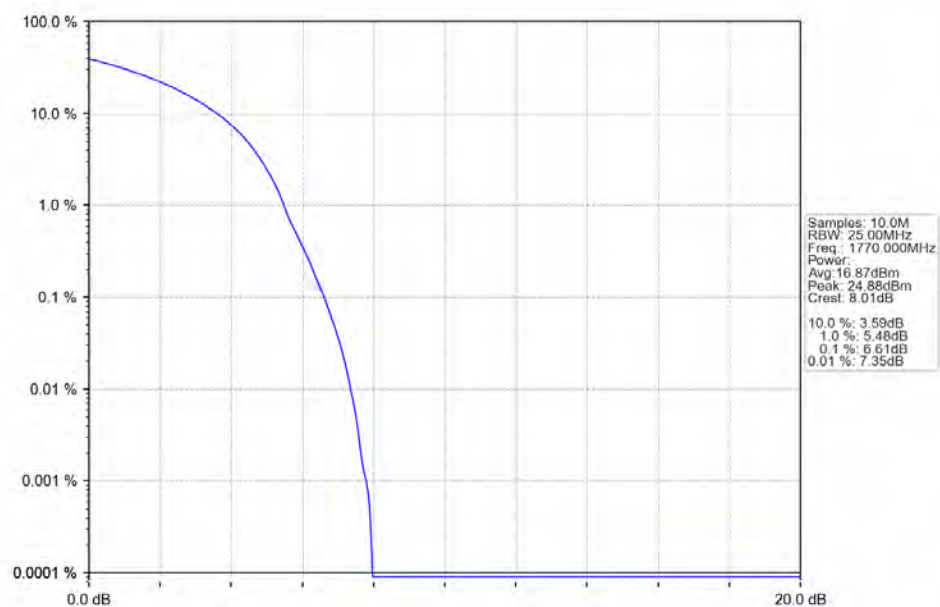
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



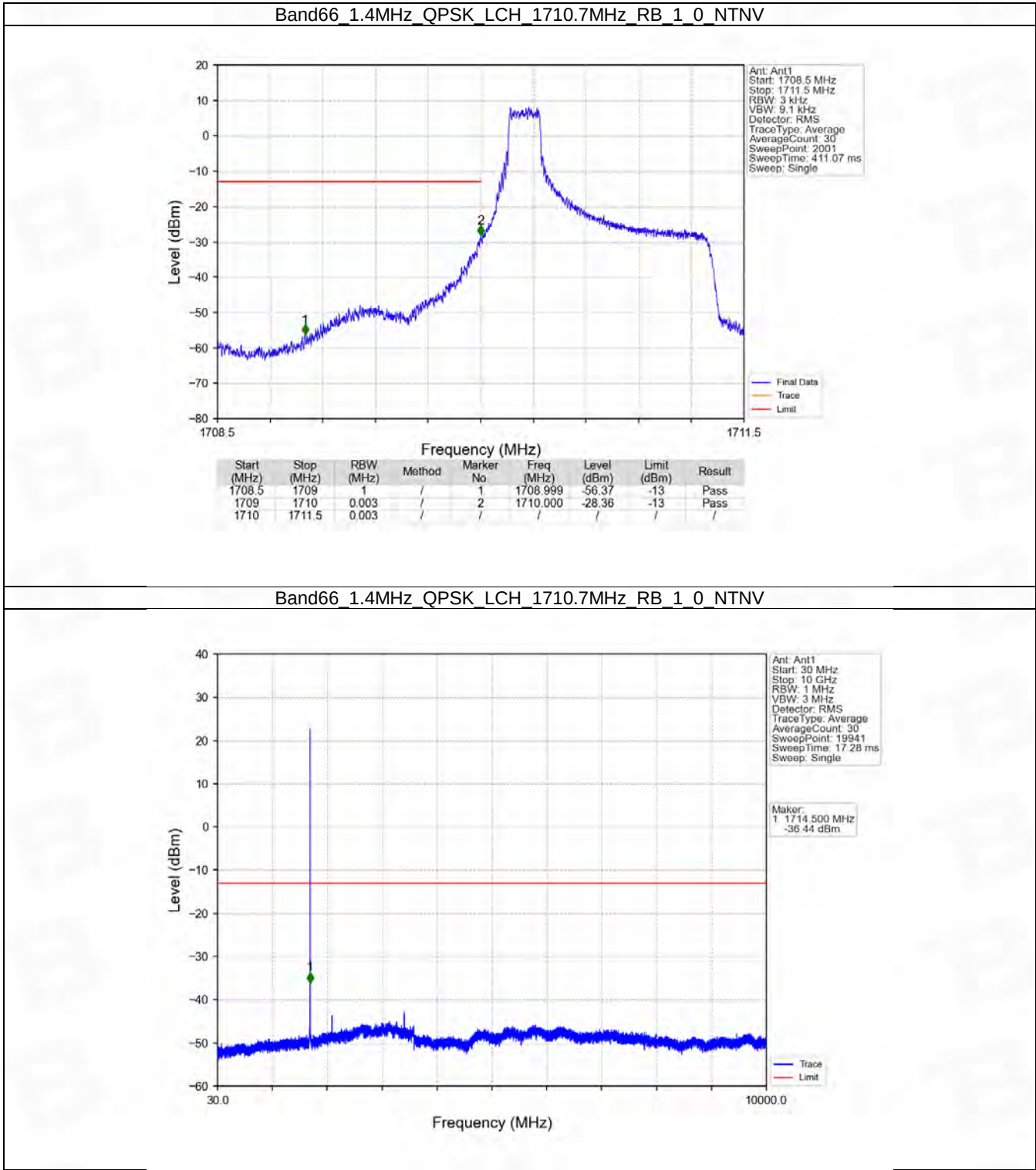
6. Spurious Emission

6.1 B66_1.4MHz

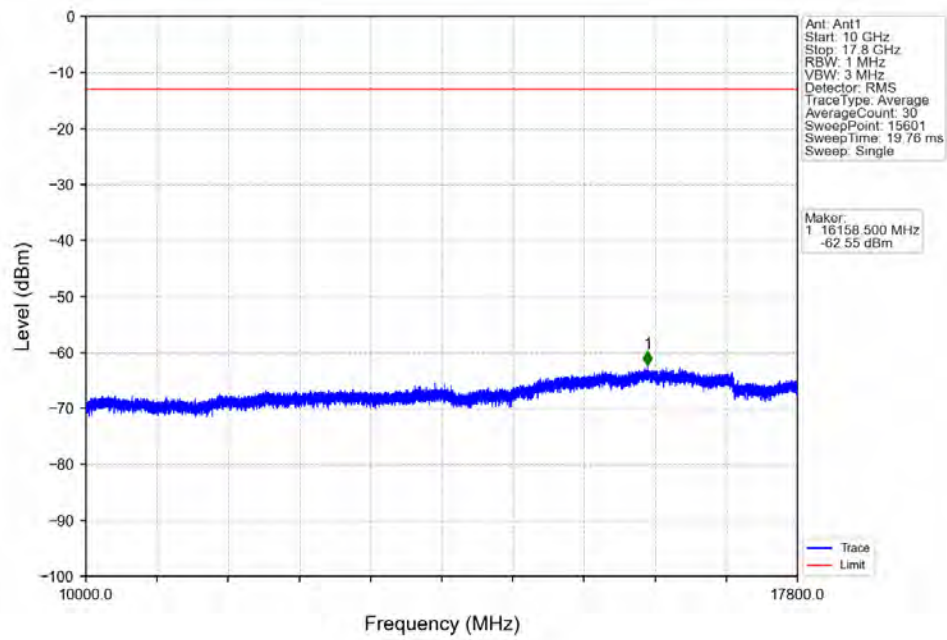
6.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / 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

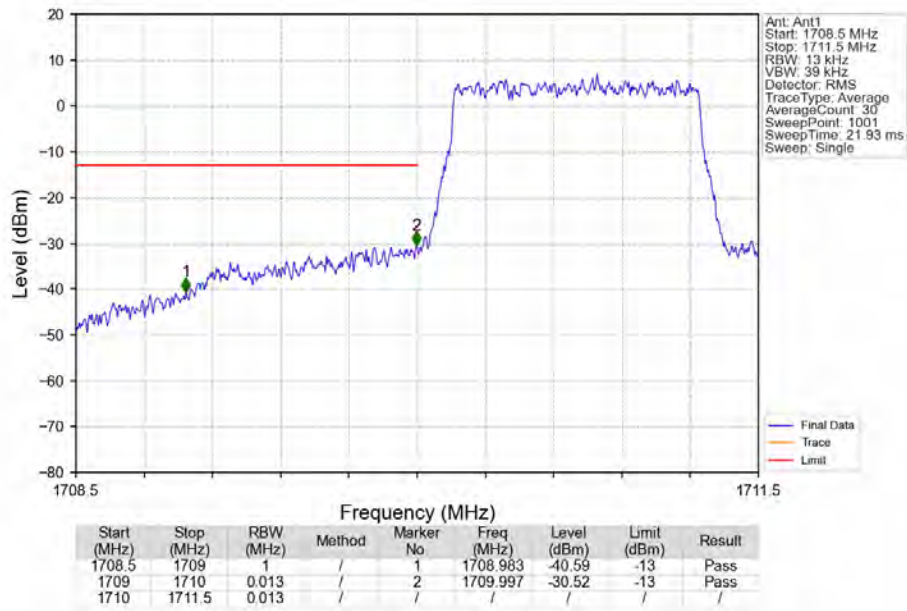
6.1.2 Test Graph



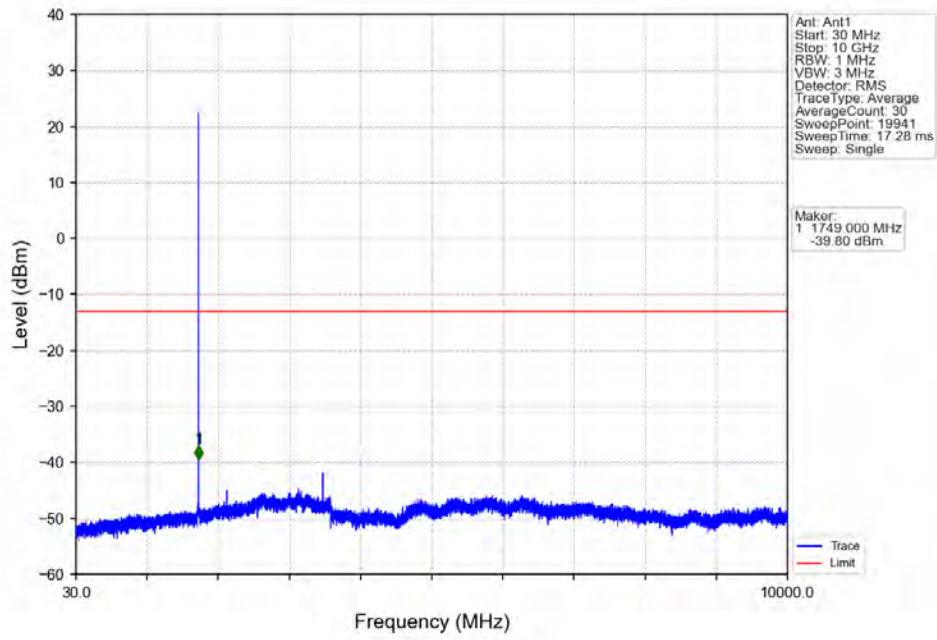
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



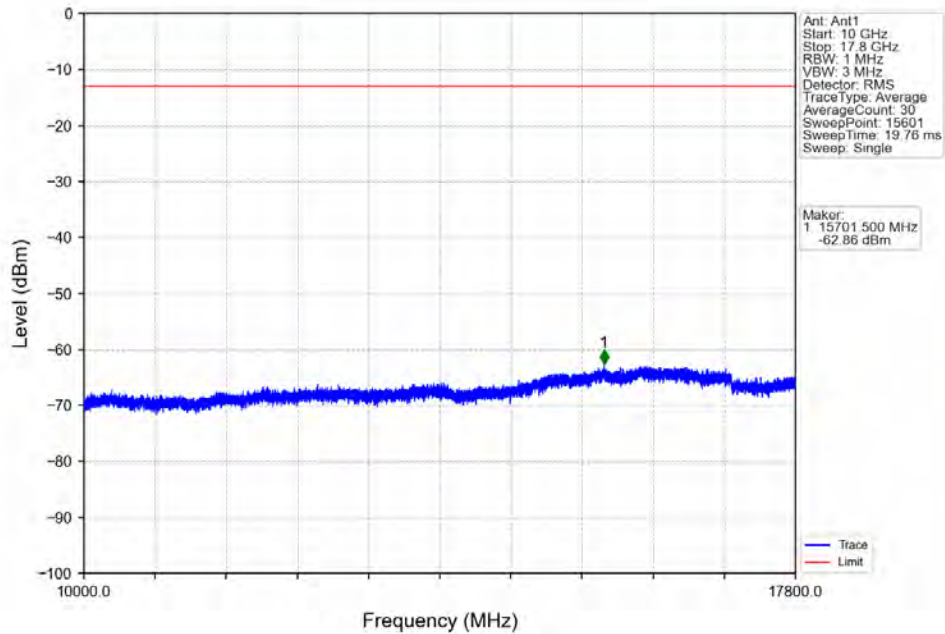
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV



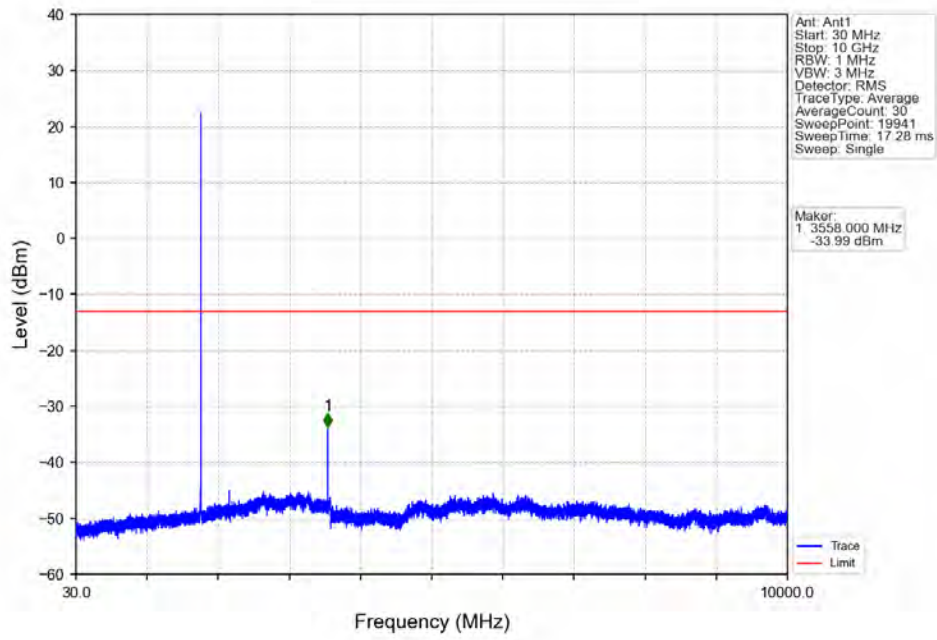
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



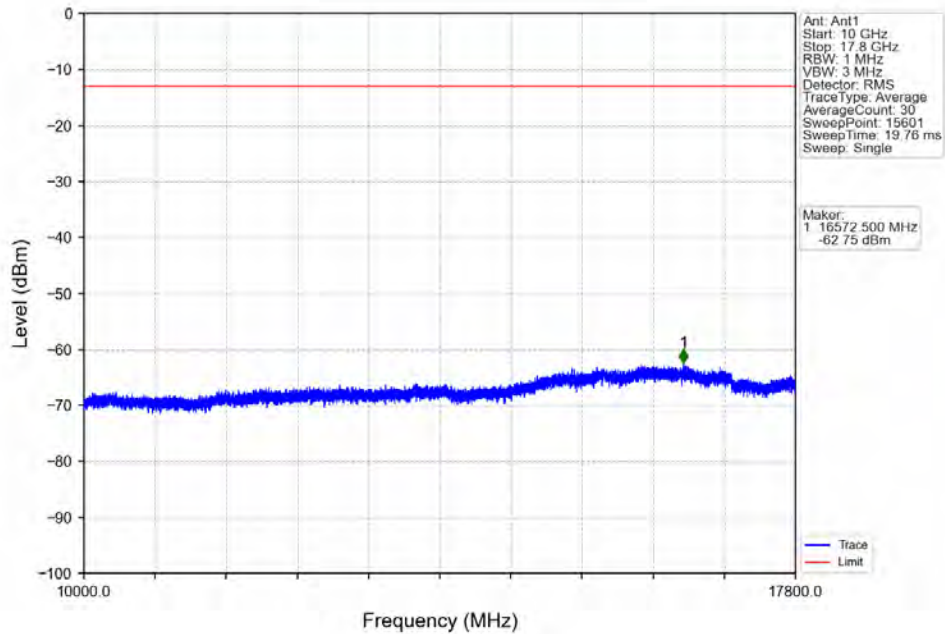
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



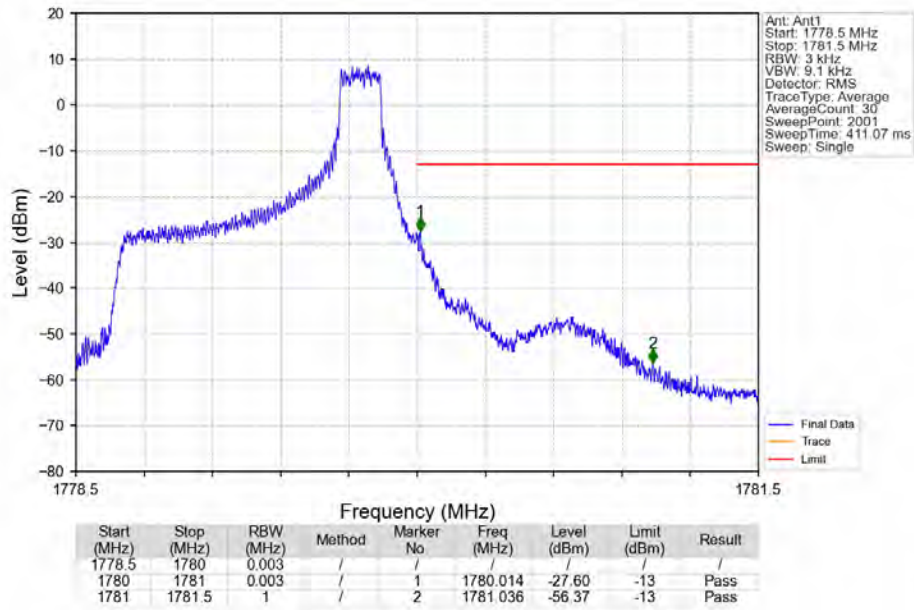
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



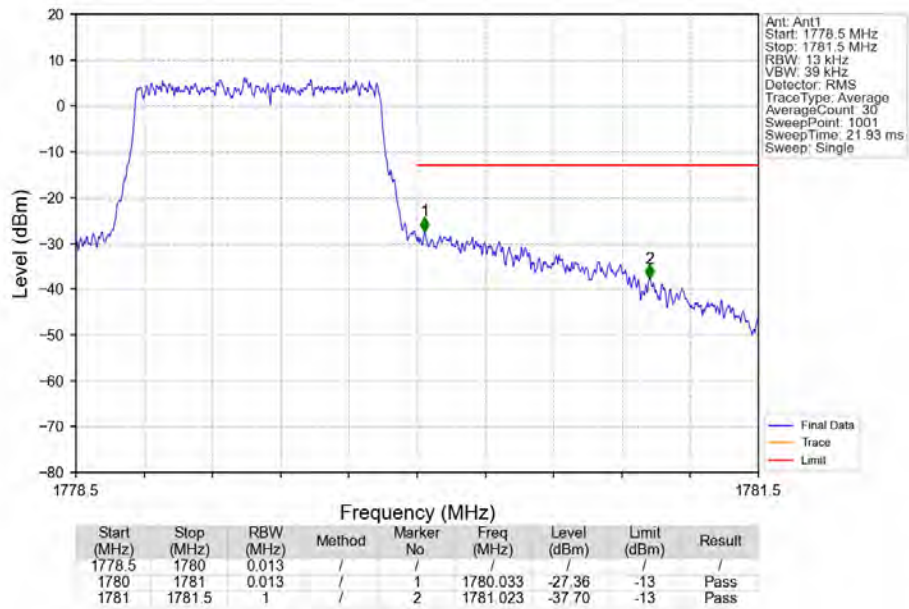
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



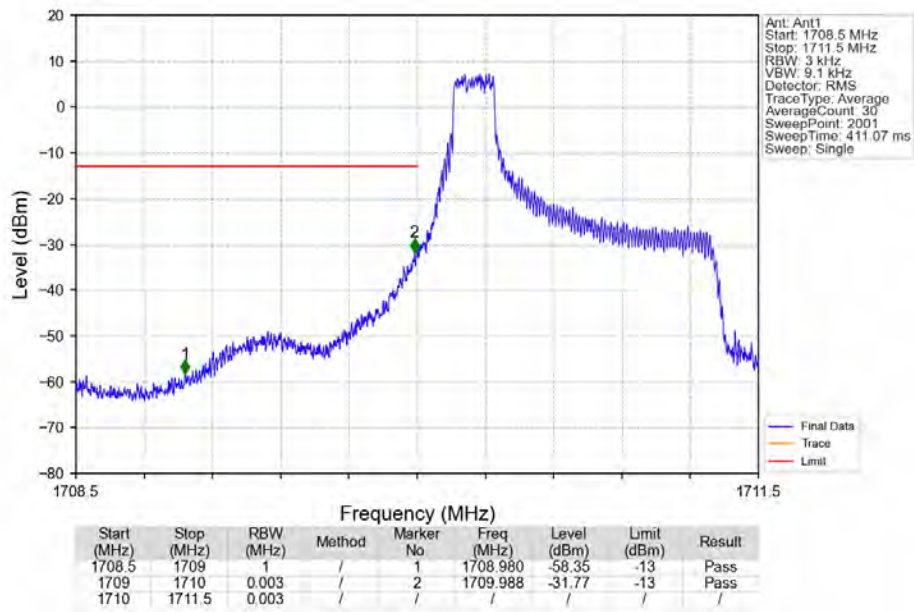
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



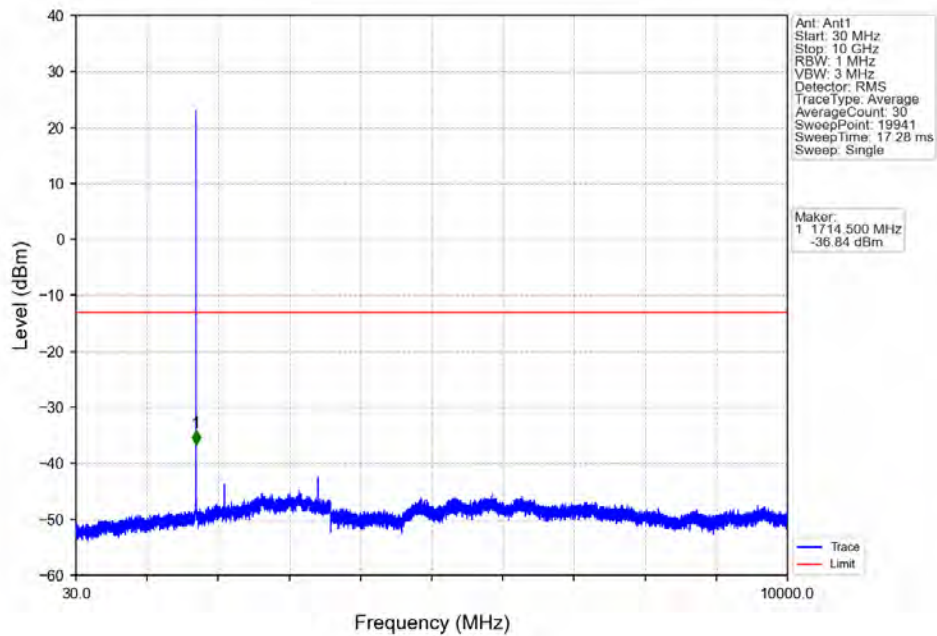
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



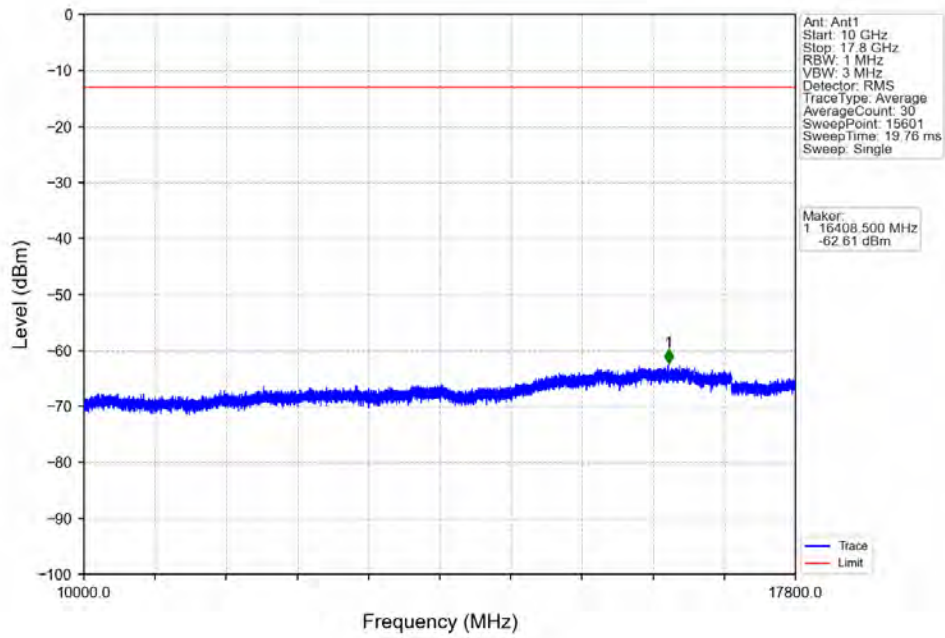
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTN



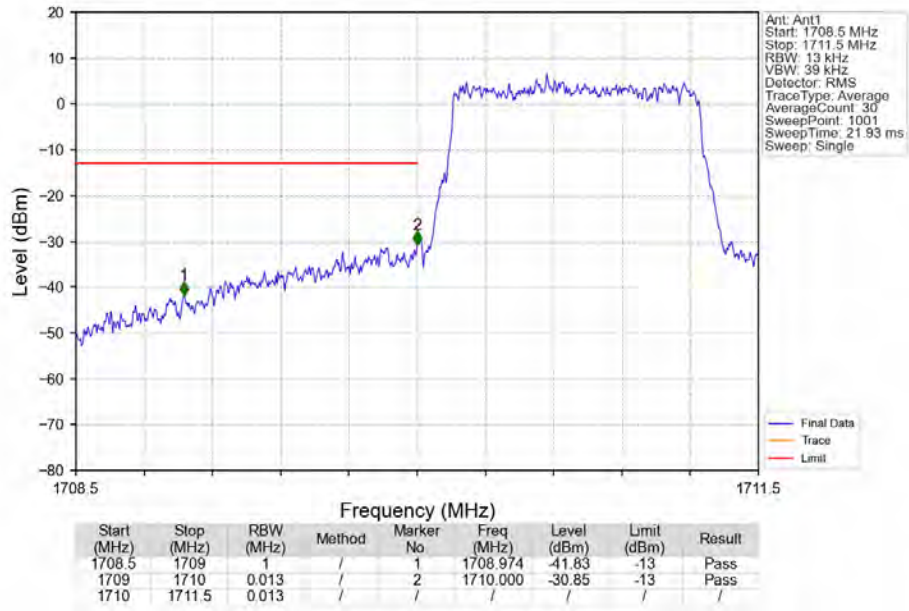
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTN



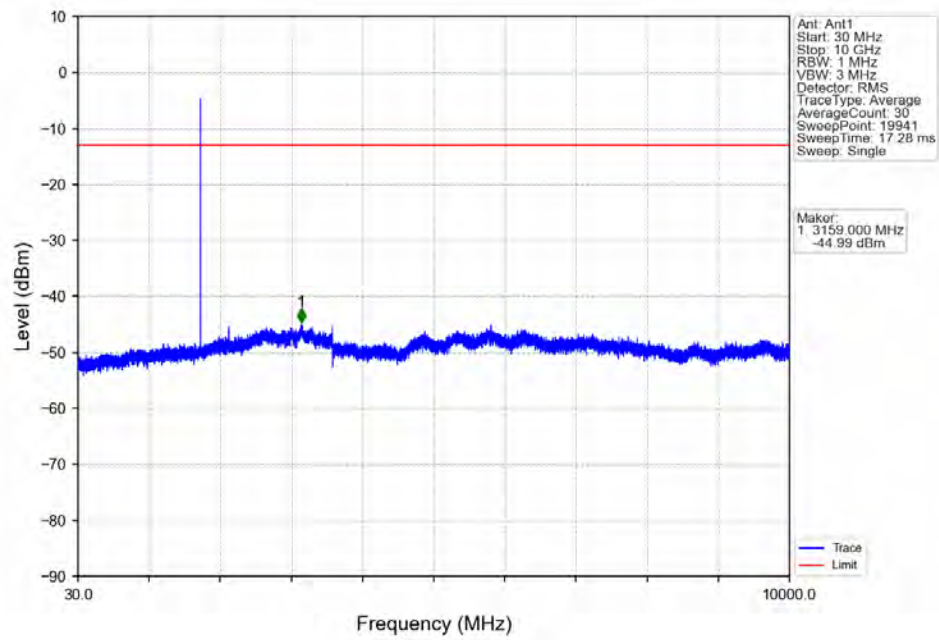
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTN



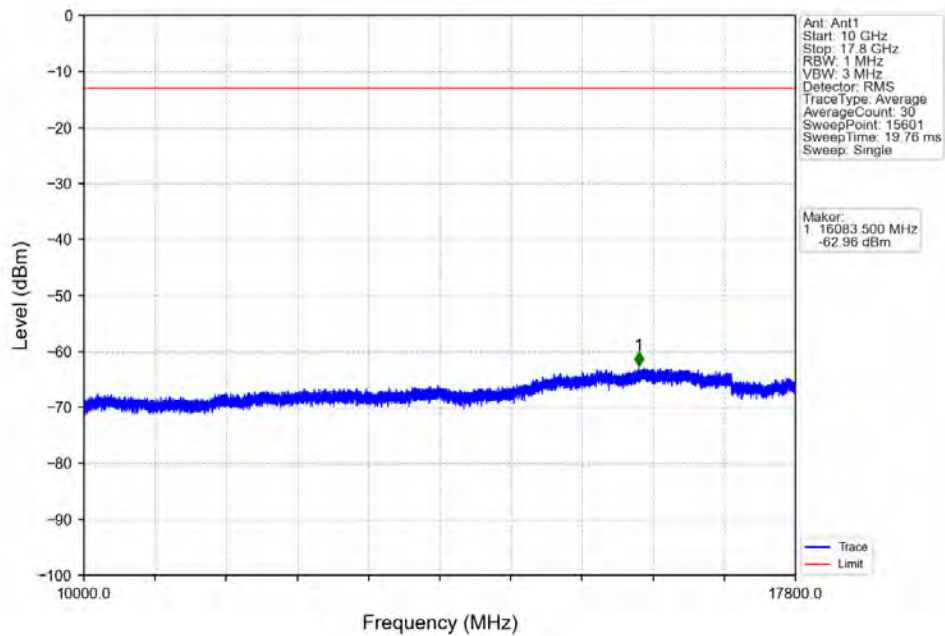
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



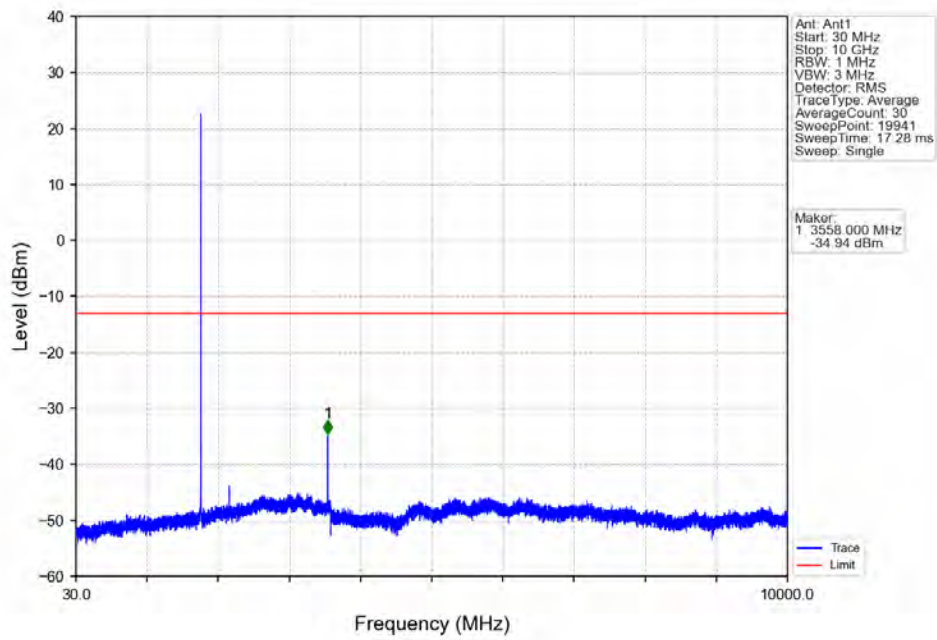
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTNV



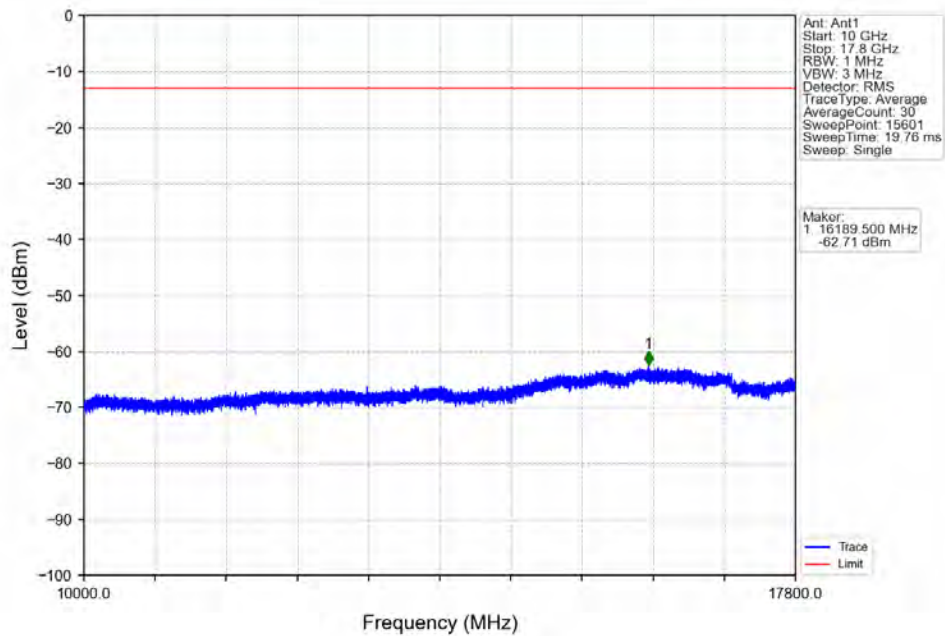
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTNV



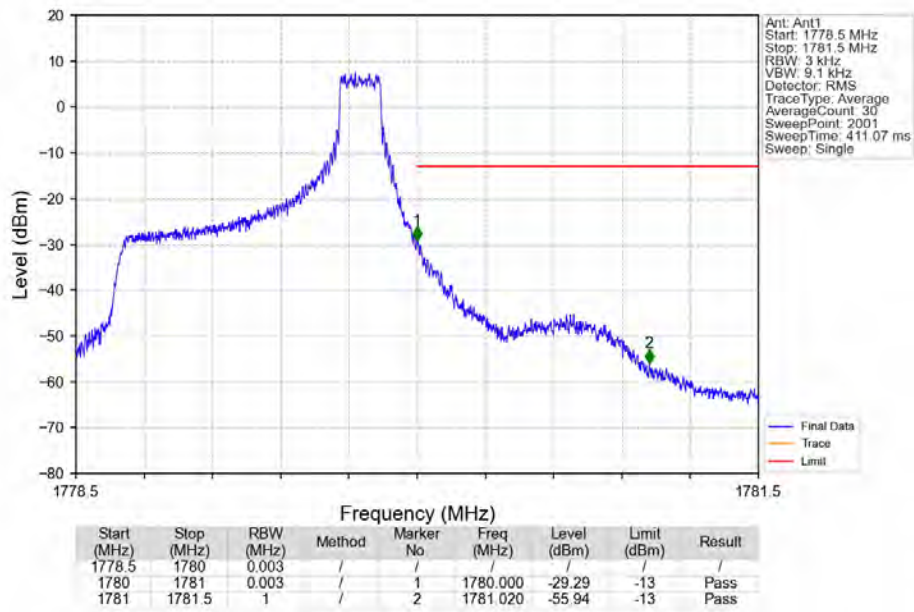
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTN



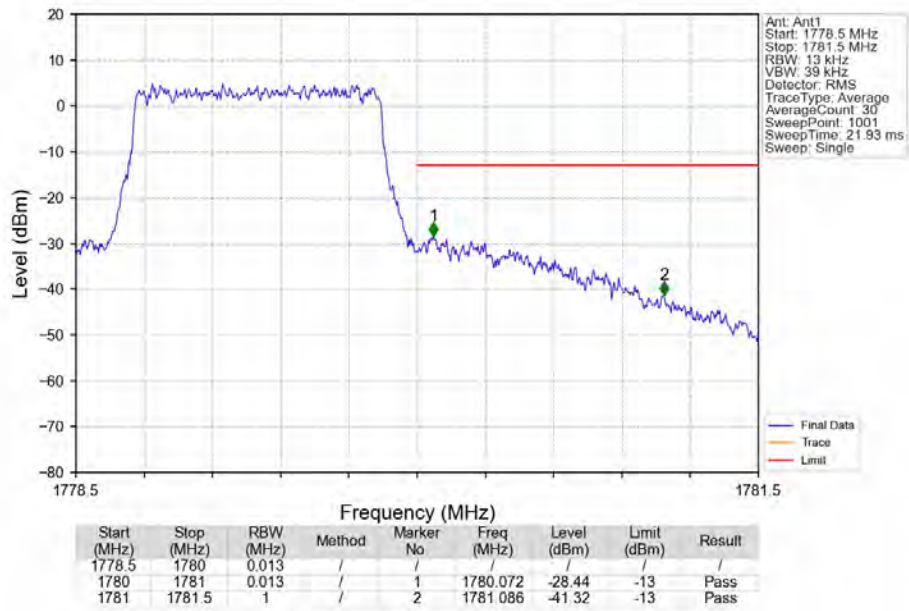
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTN



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



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

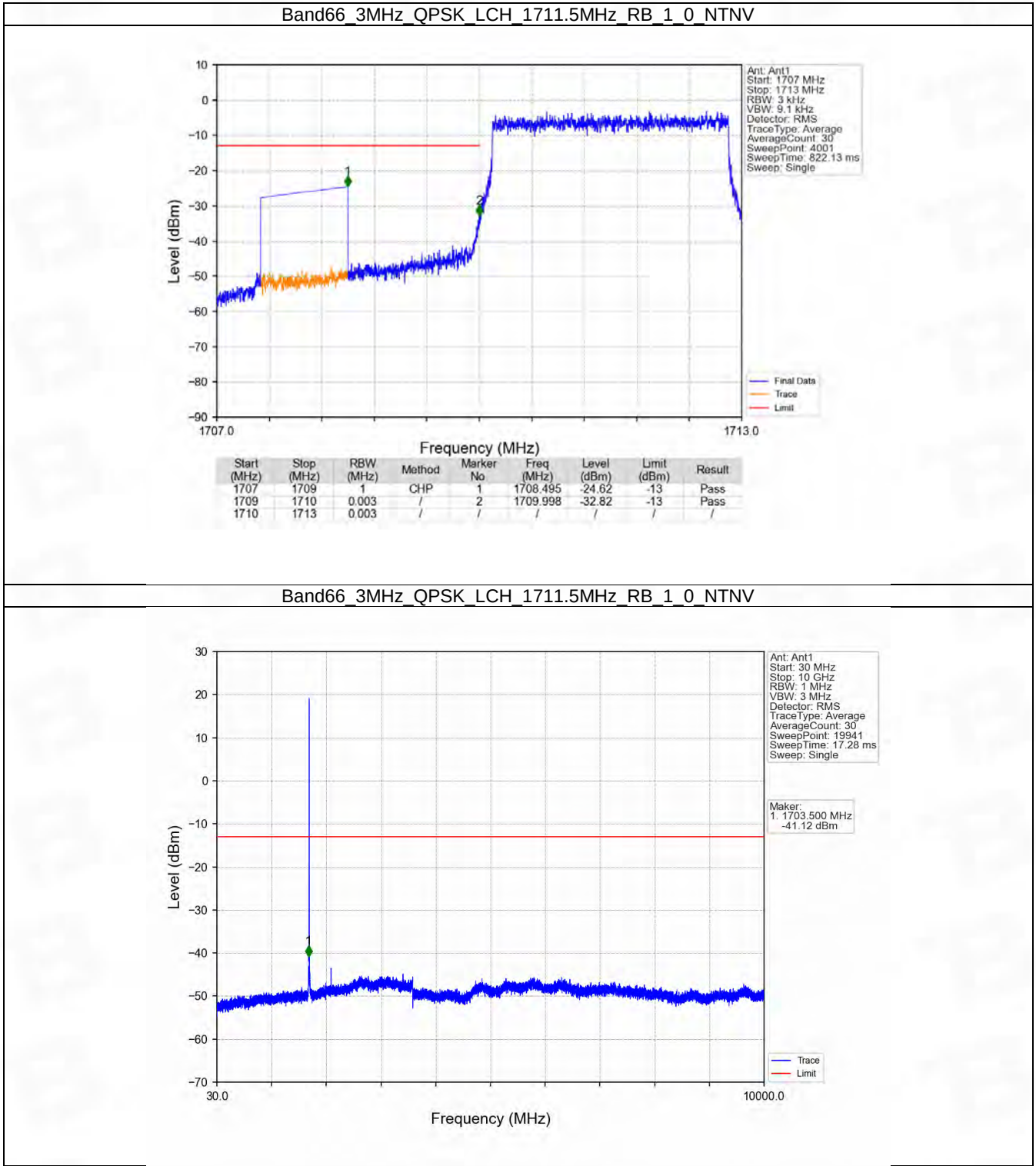


6.2 B66_3MHz

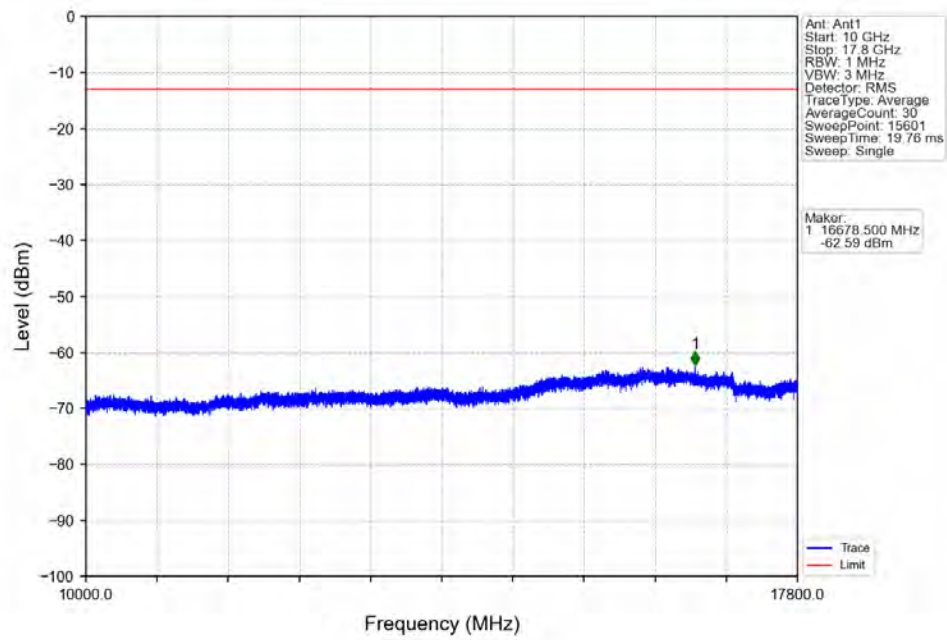
6.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
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

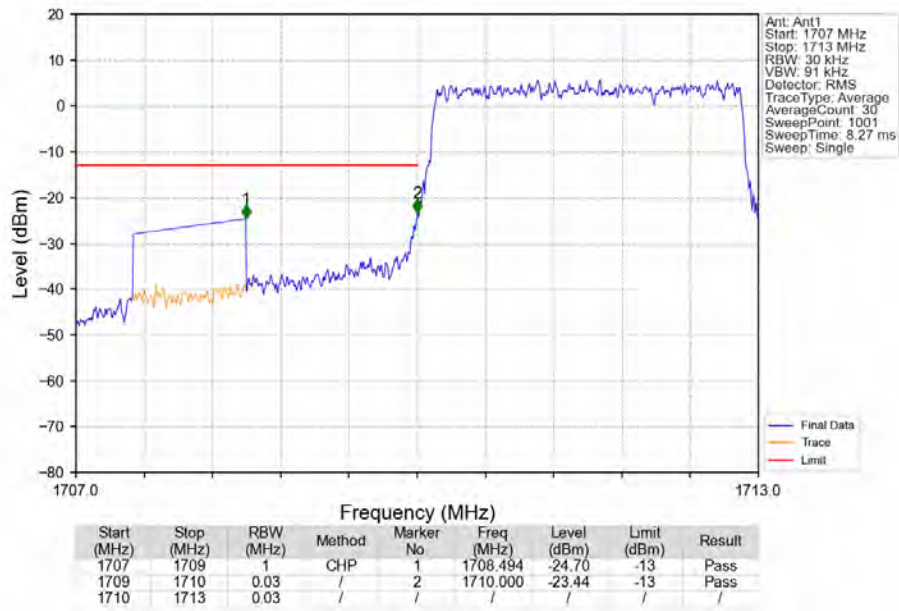
6.2.2 Test Graph



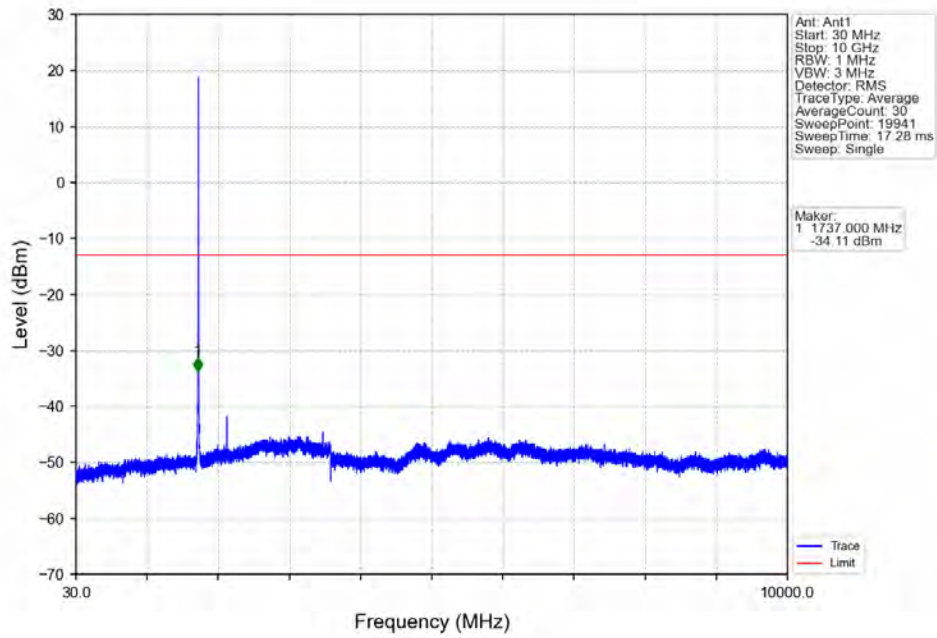
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



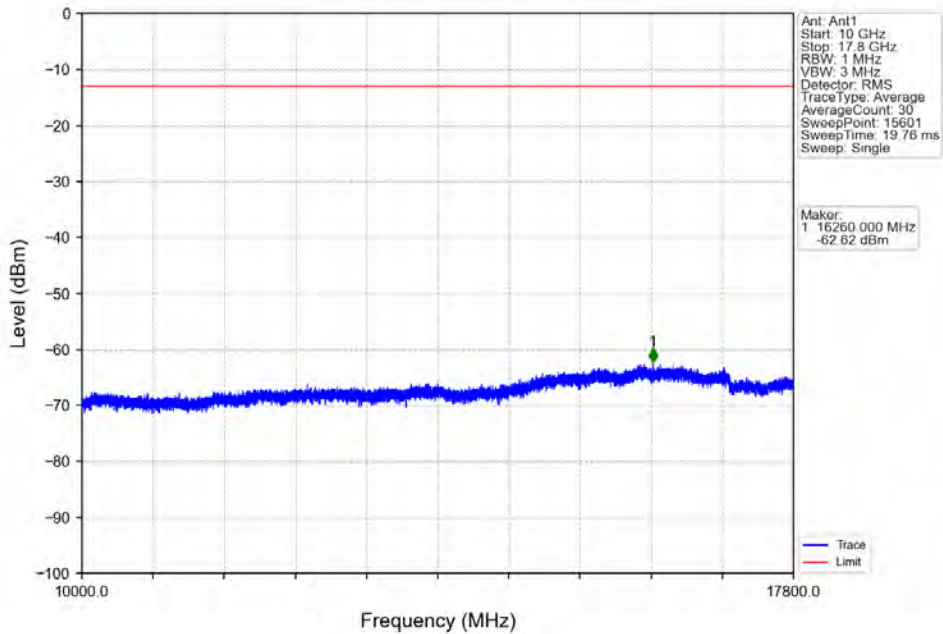
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



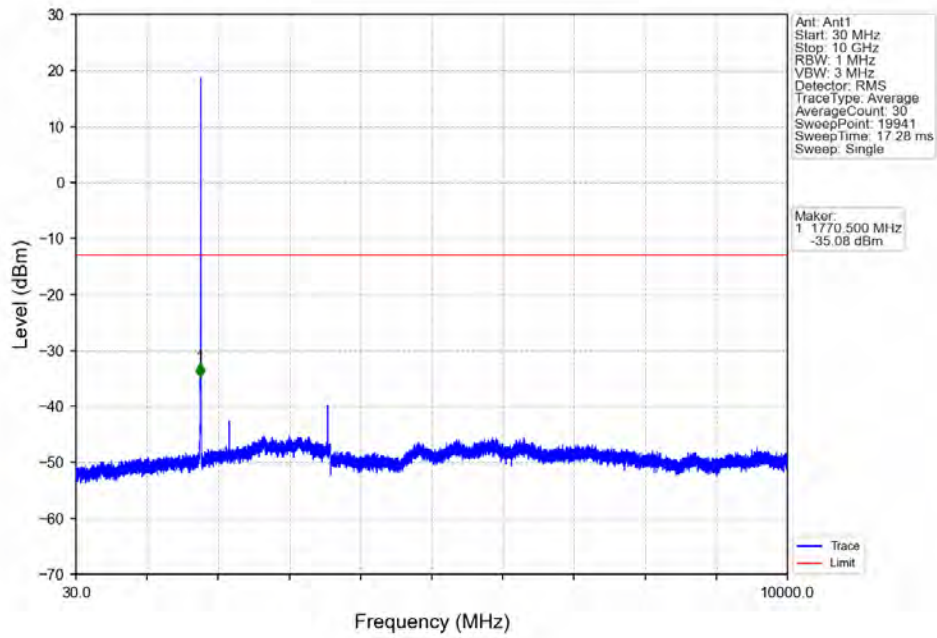
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



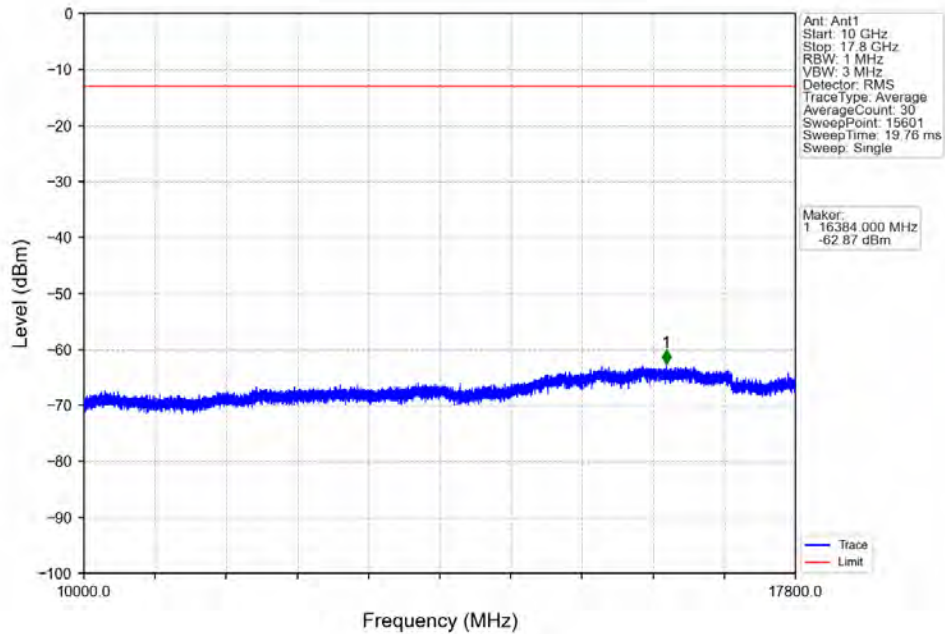
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



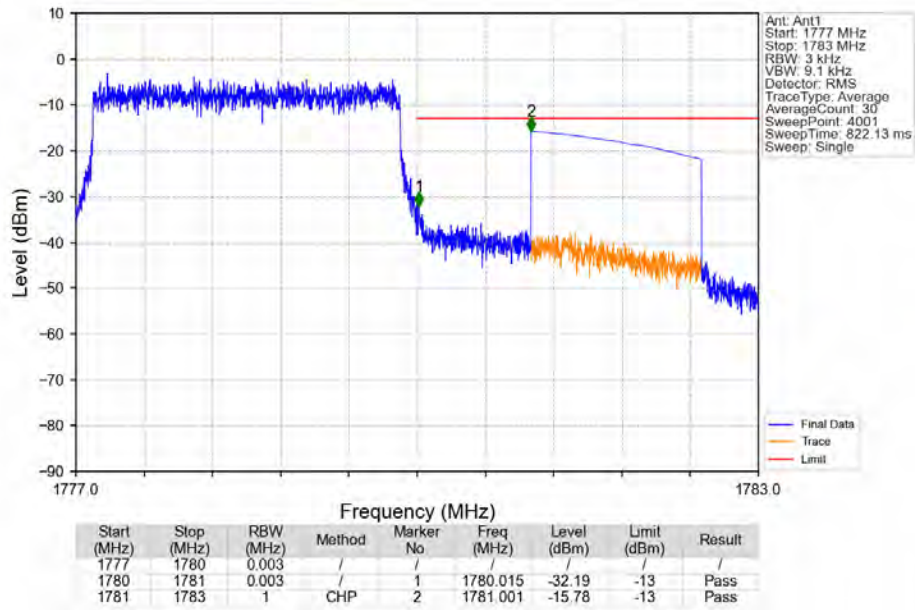
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTN



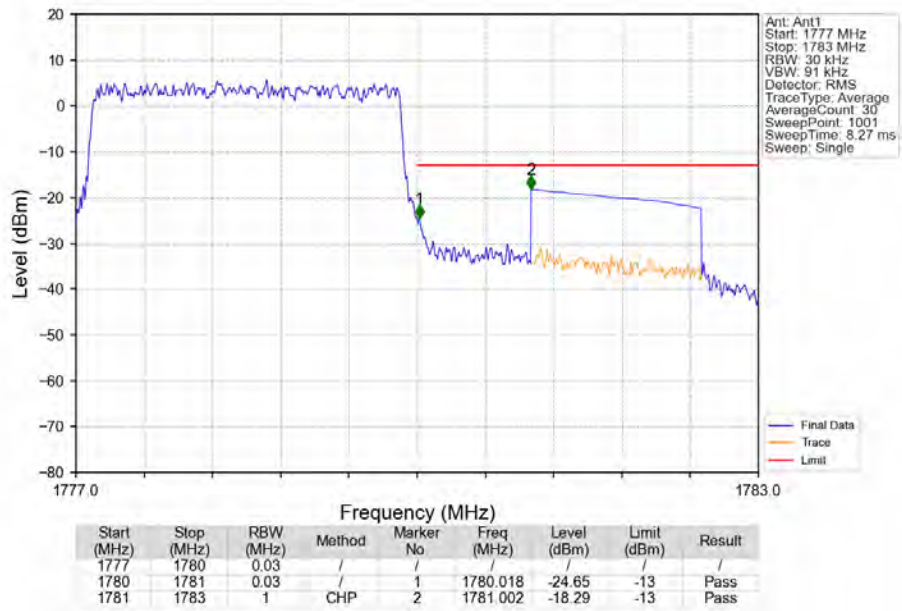
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTN



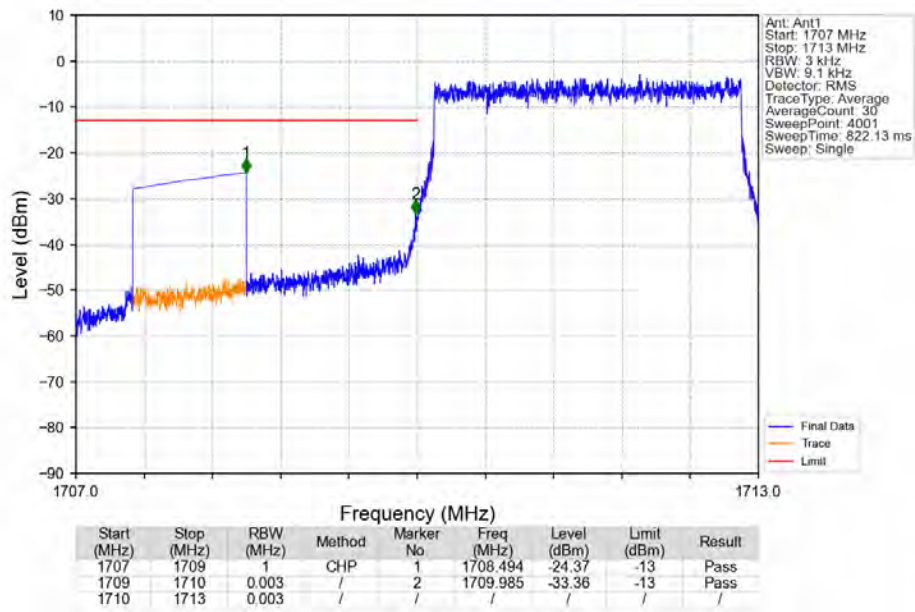
Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTV



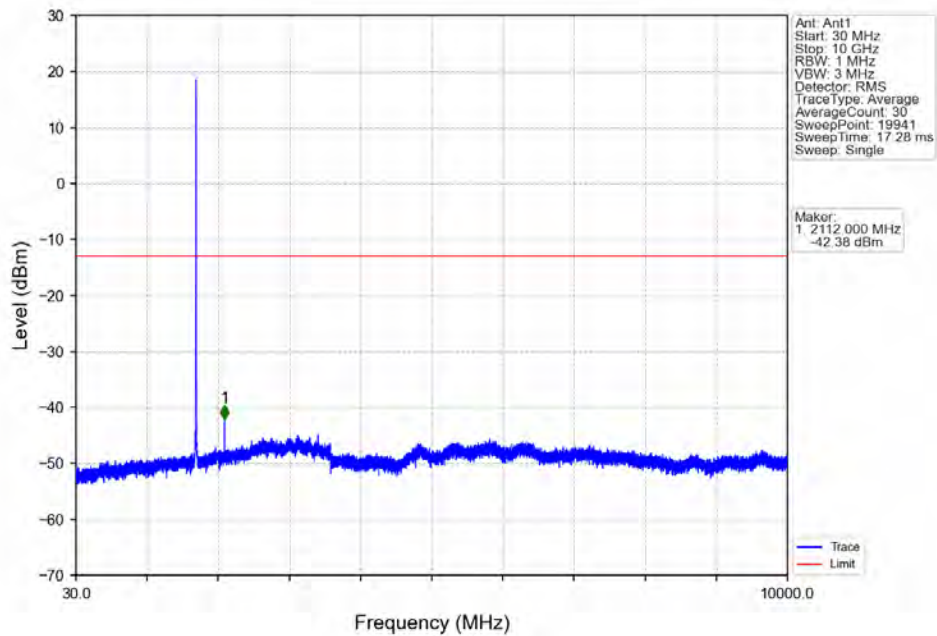
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV



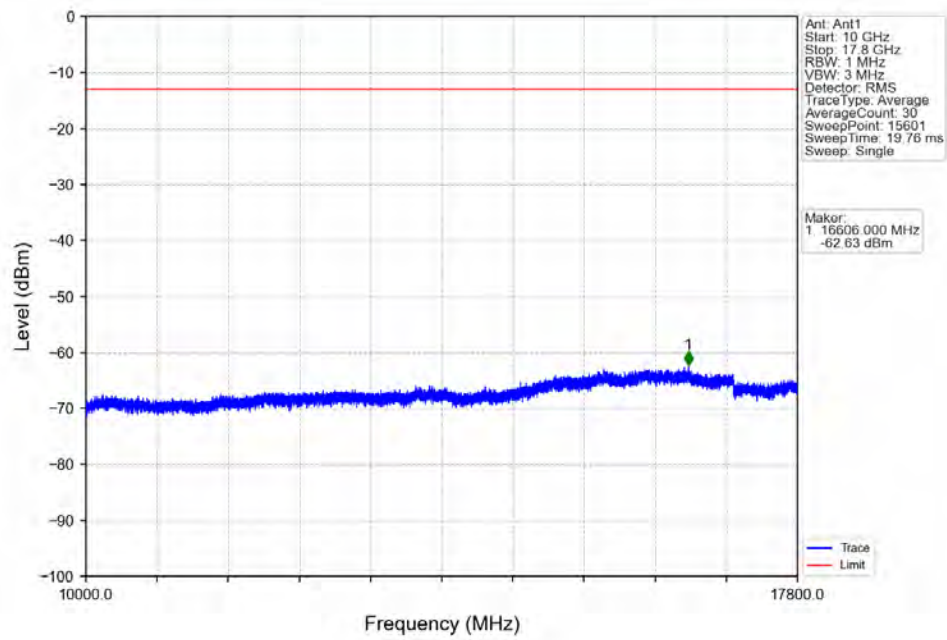
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



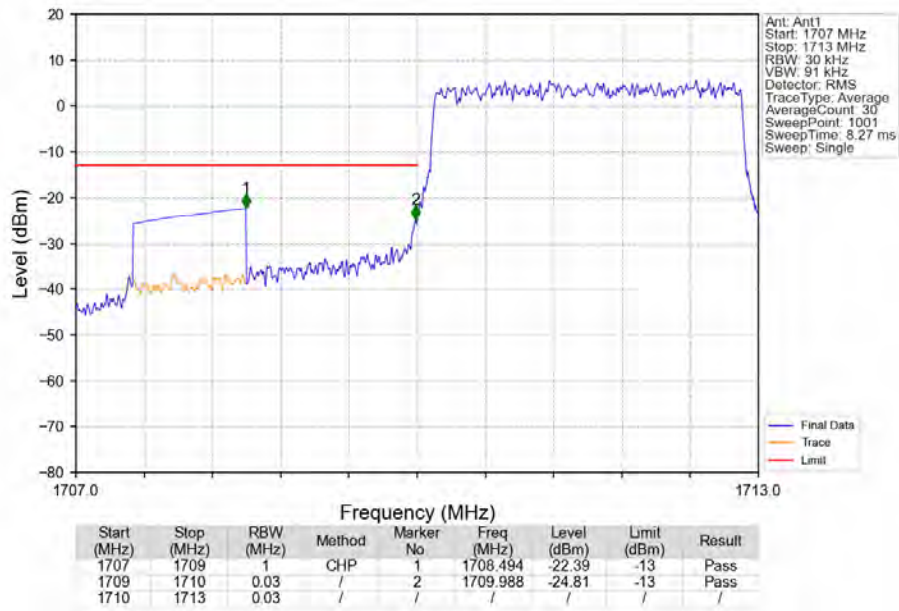
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



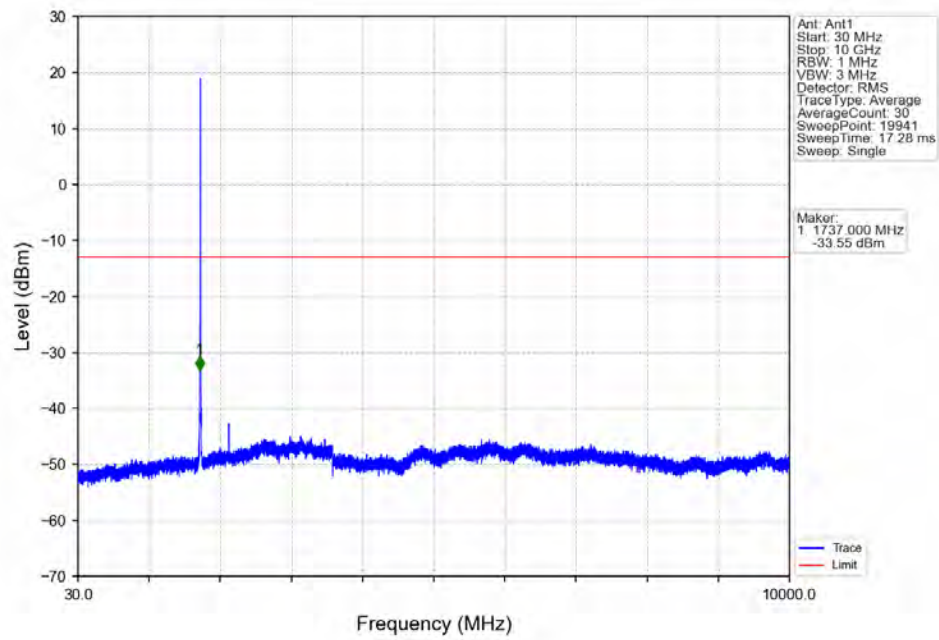
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



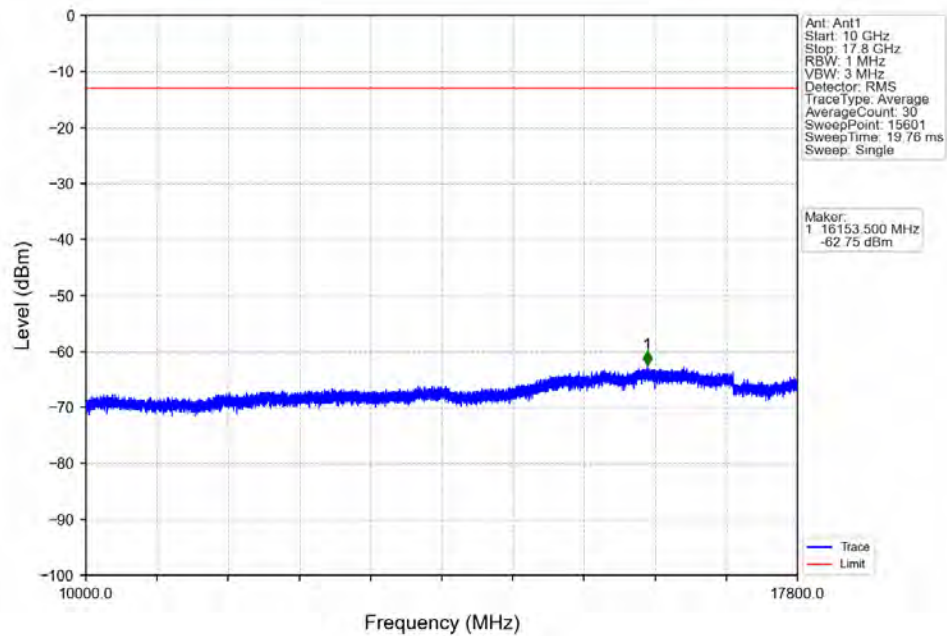
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



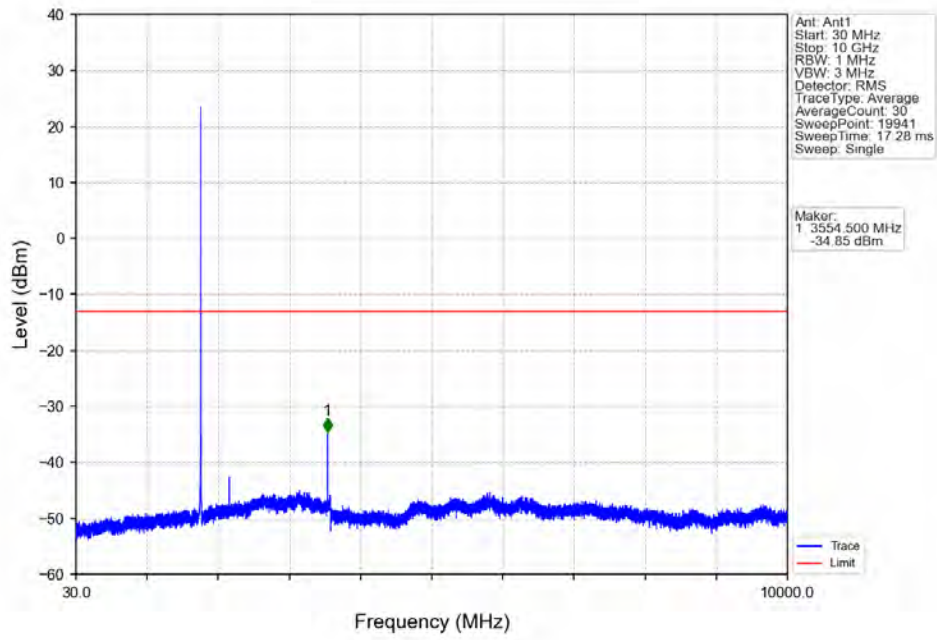
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



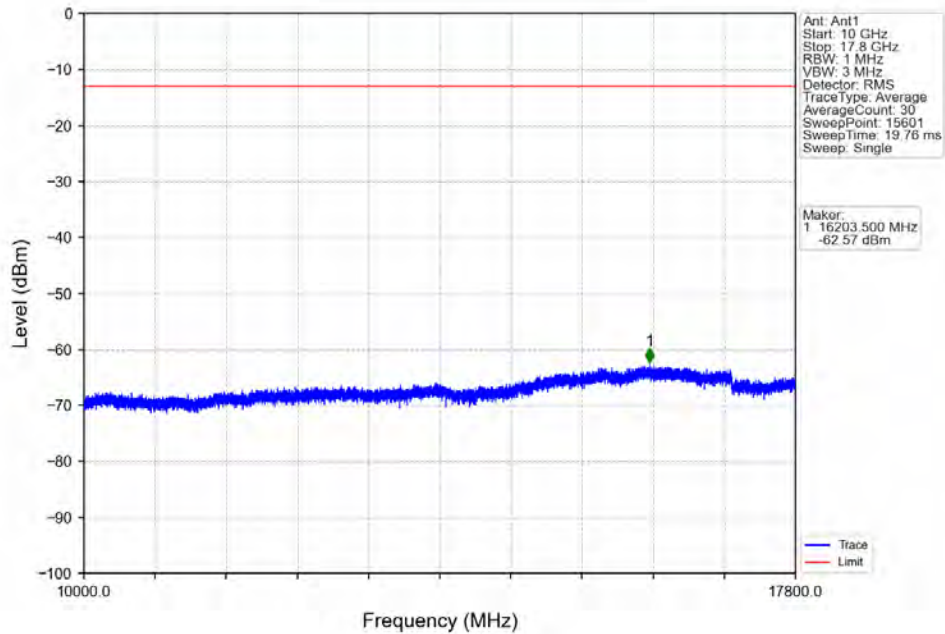
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



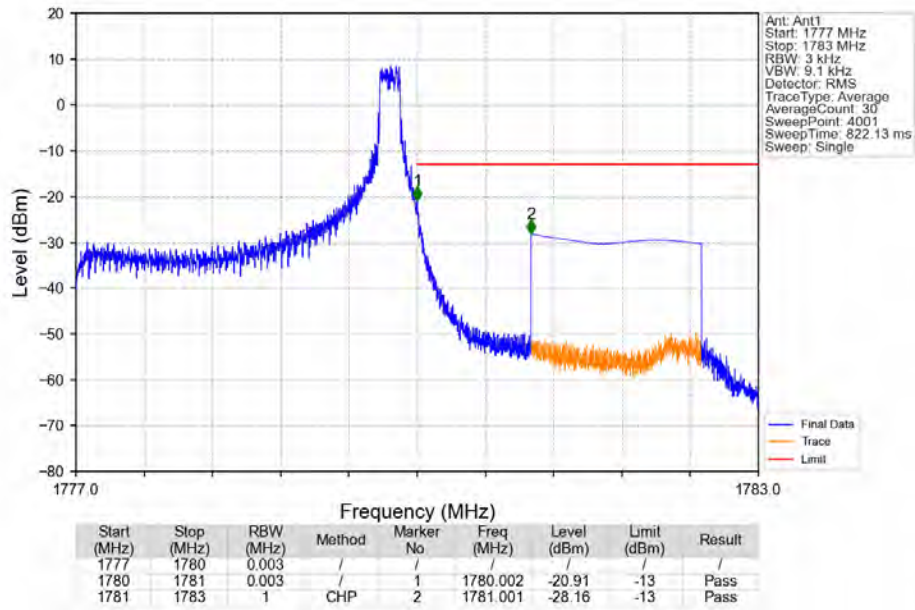
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTV



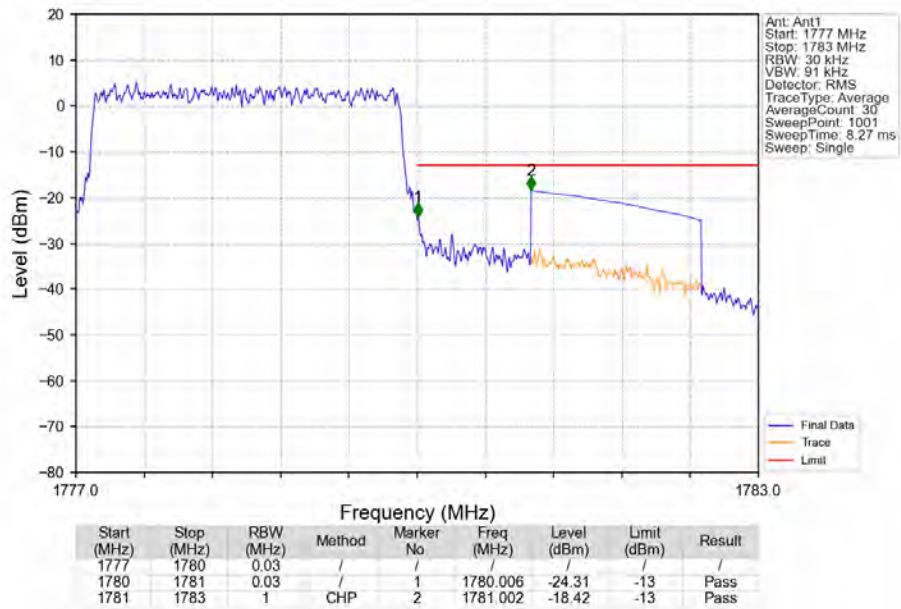
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTV



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



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

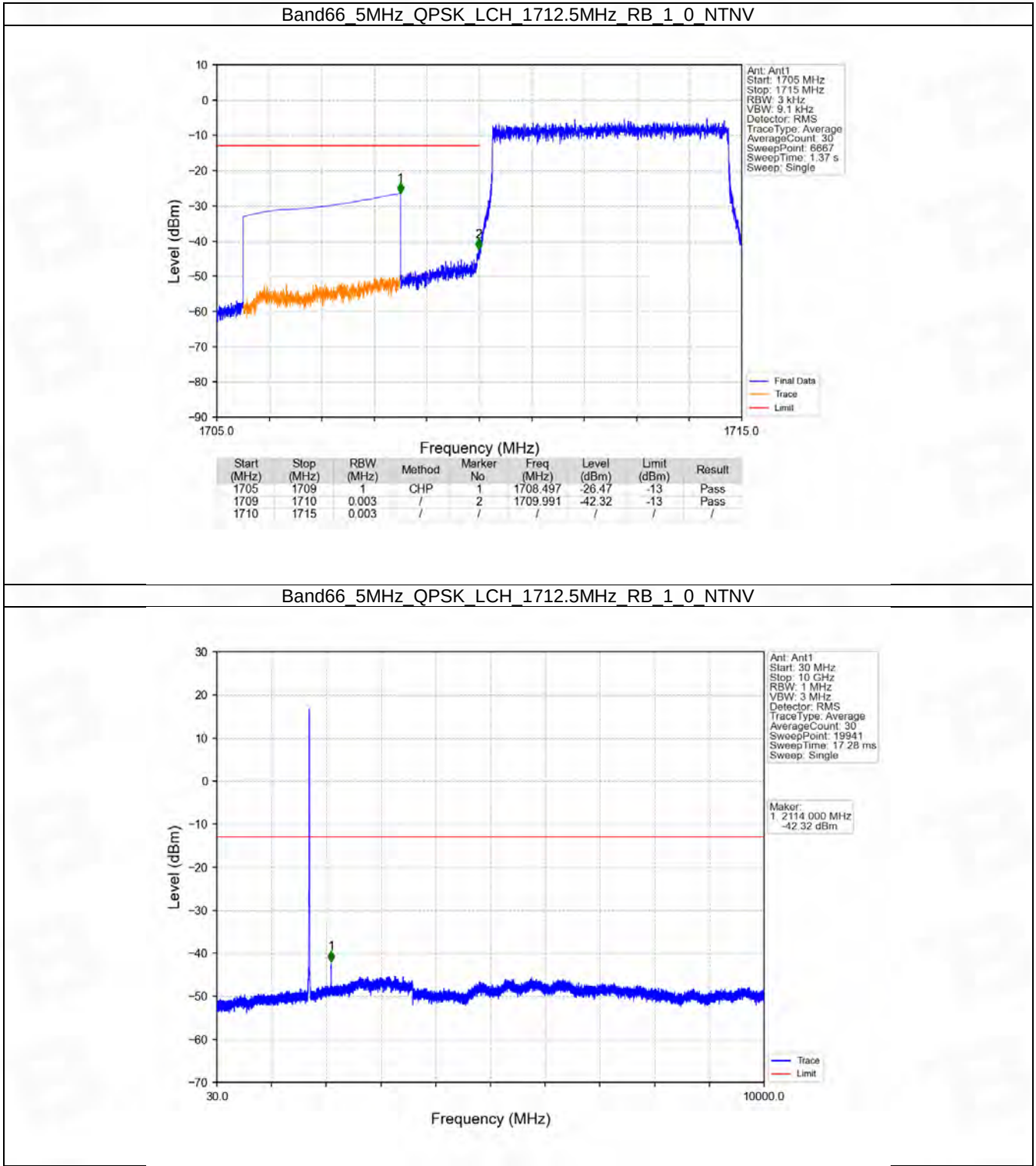


6.3 B66_5MHz

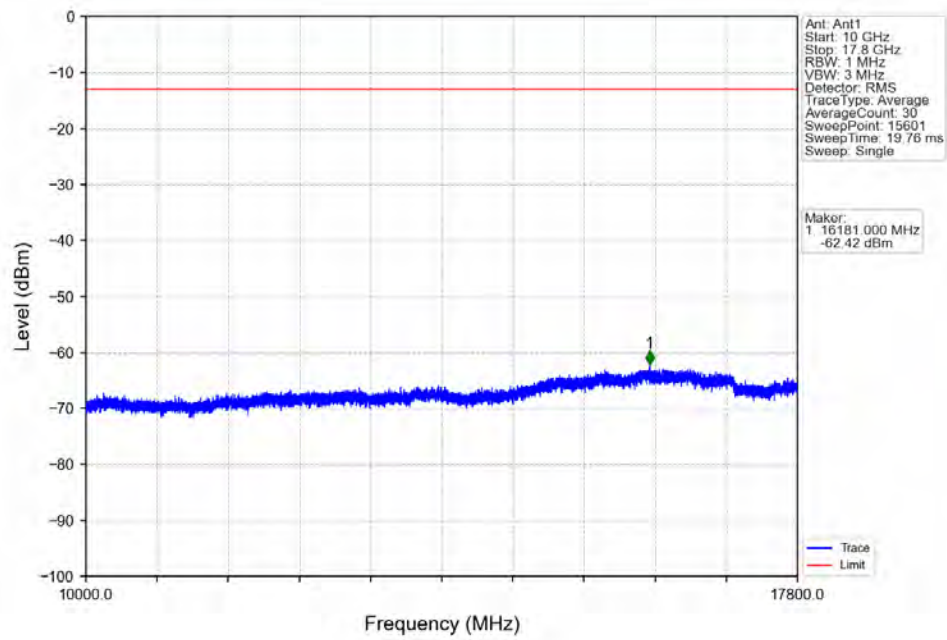
6.3.1 Test Result

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

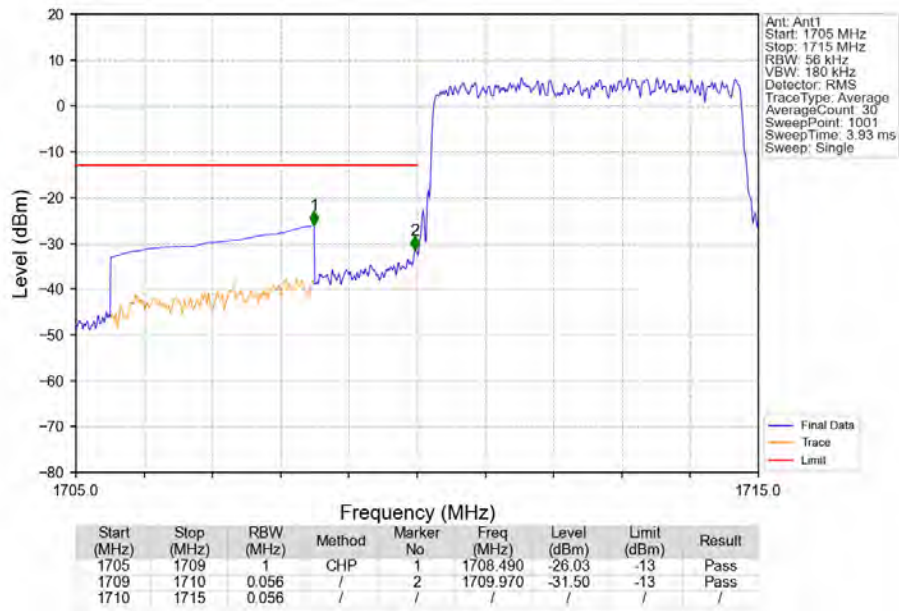
6.3.2 Test Graph



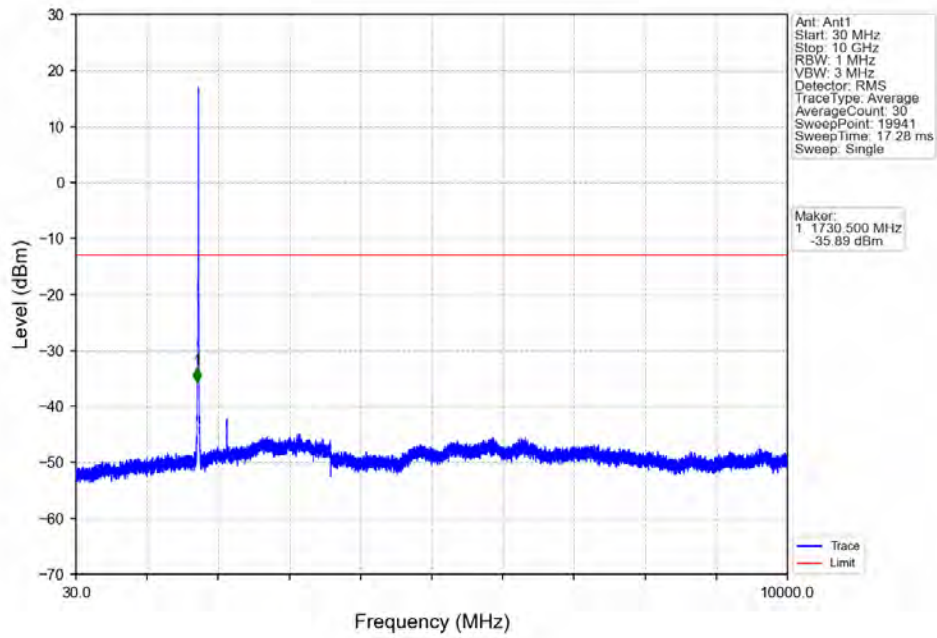
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



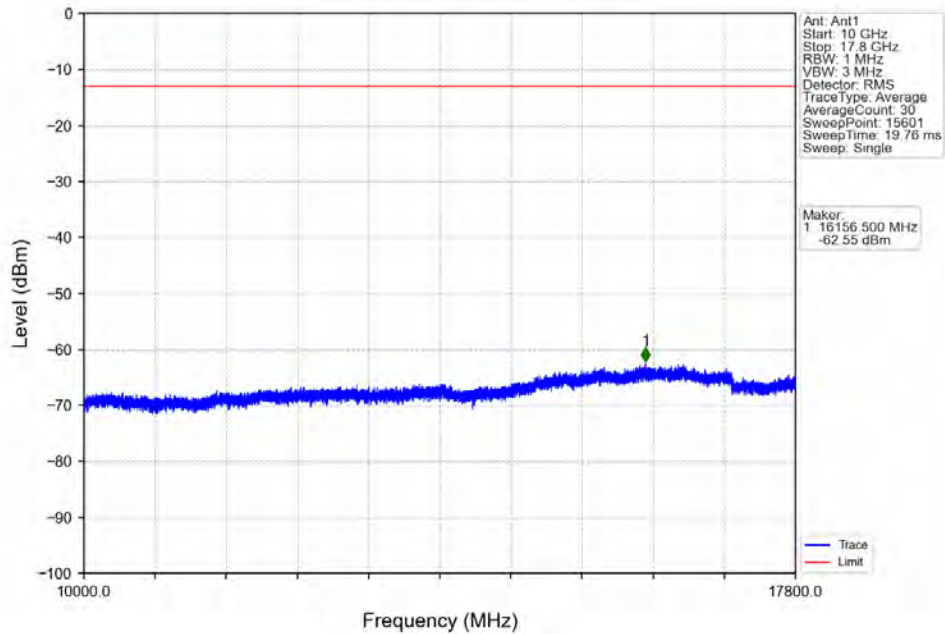
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



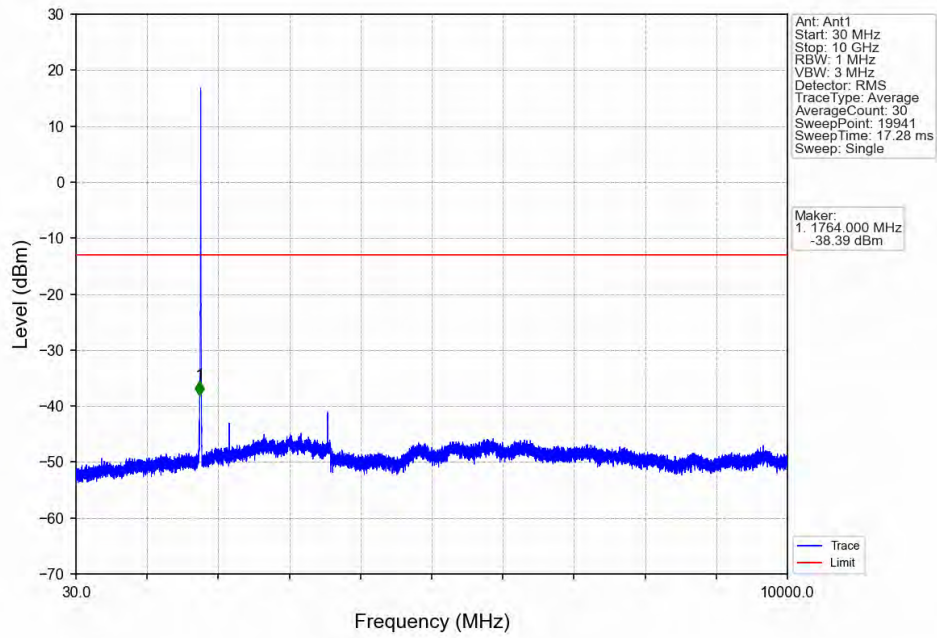
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



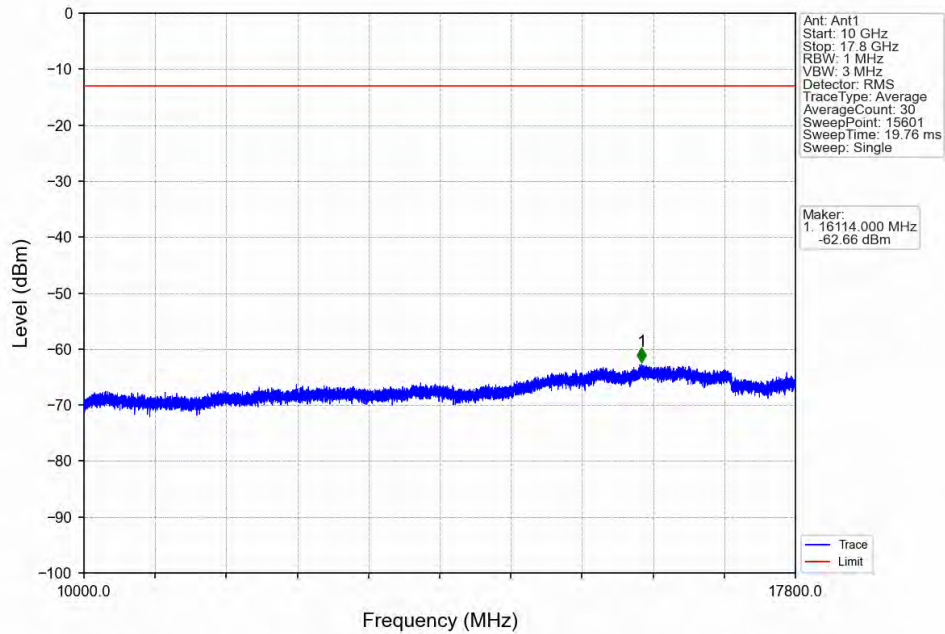
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



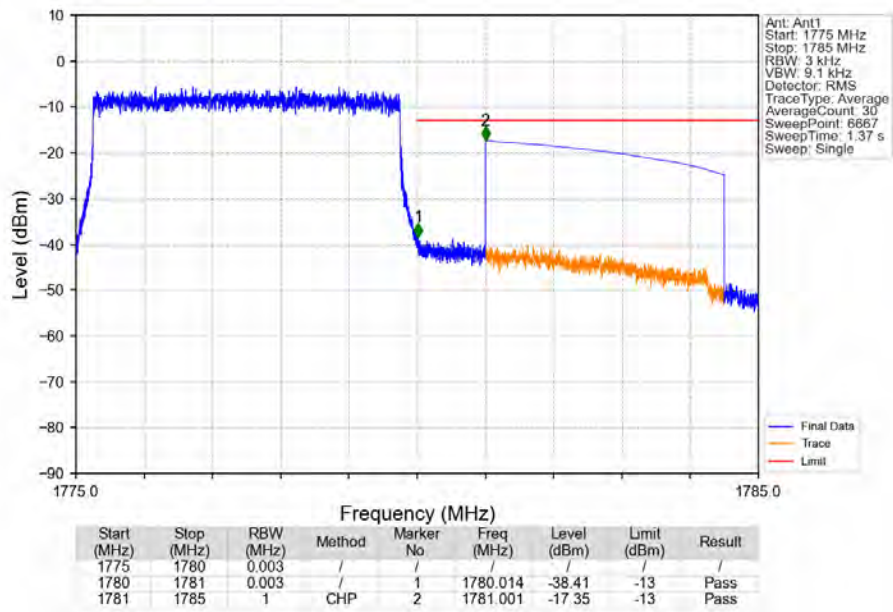
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTN



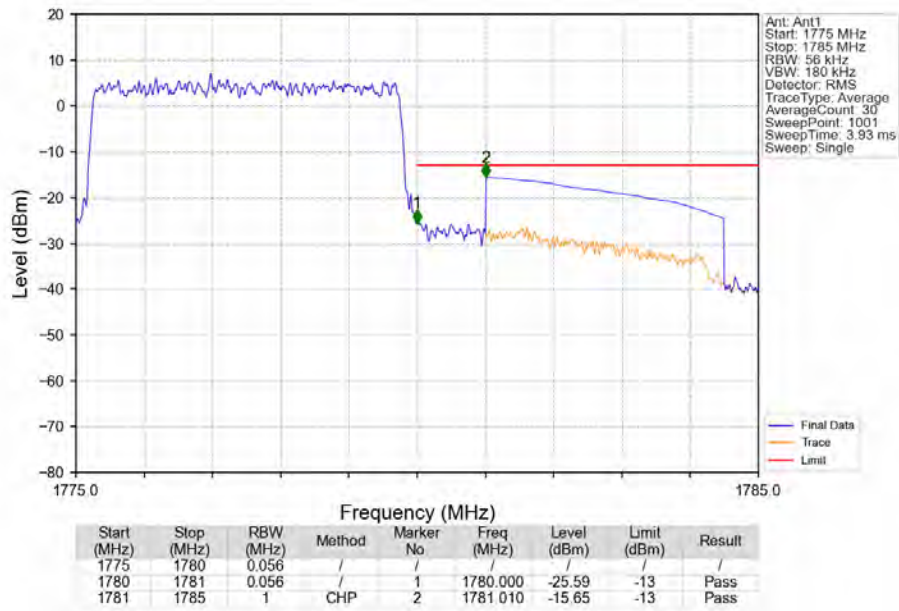
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTN



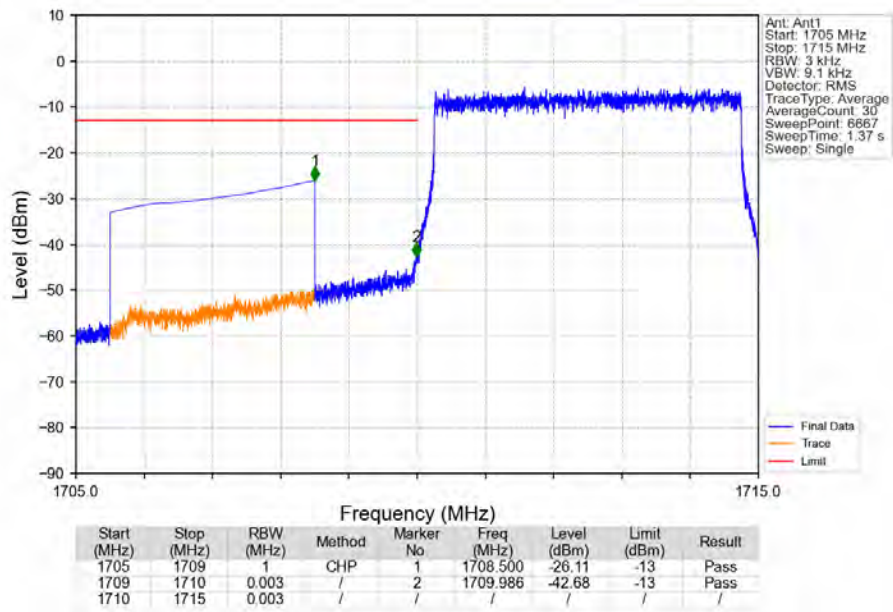
Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



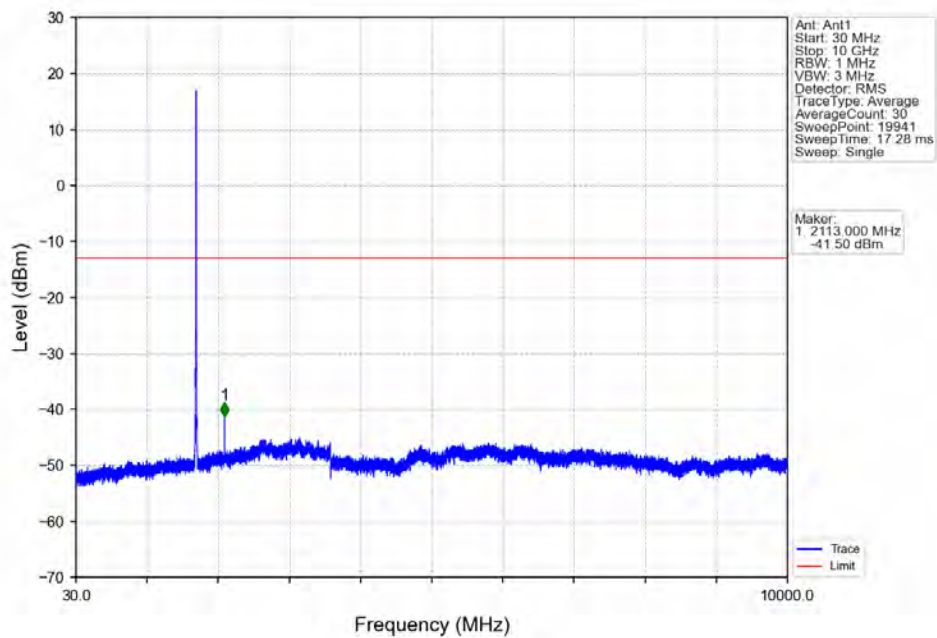
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV



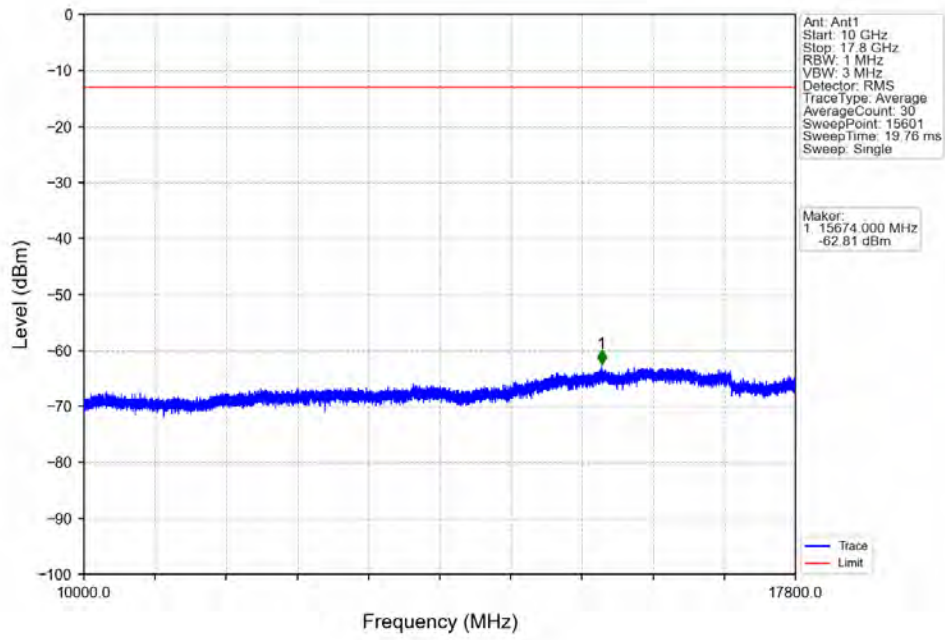
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



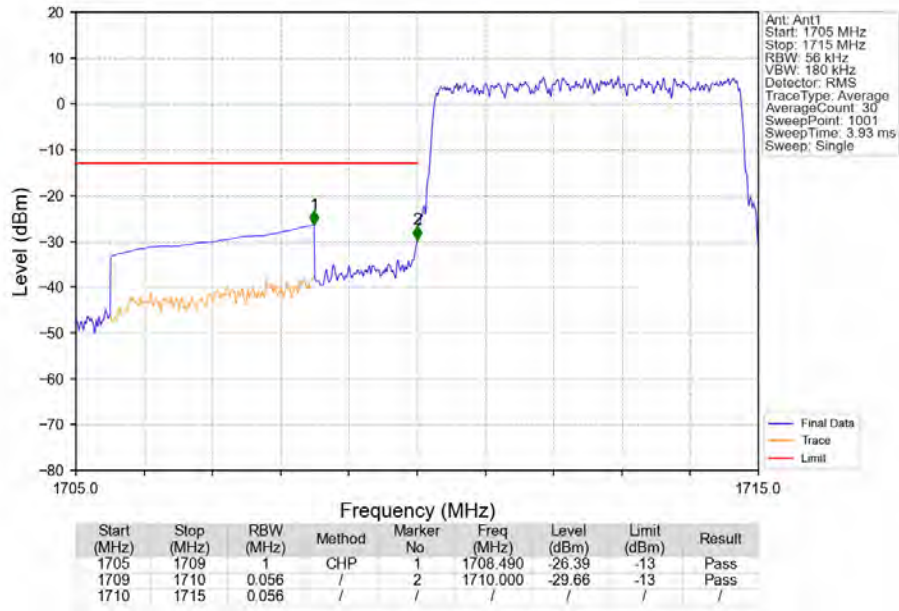
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



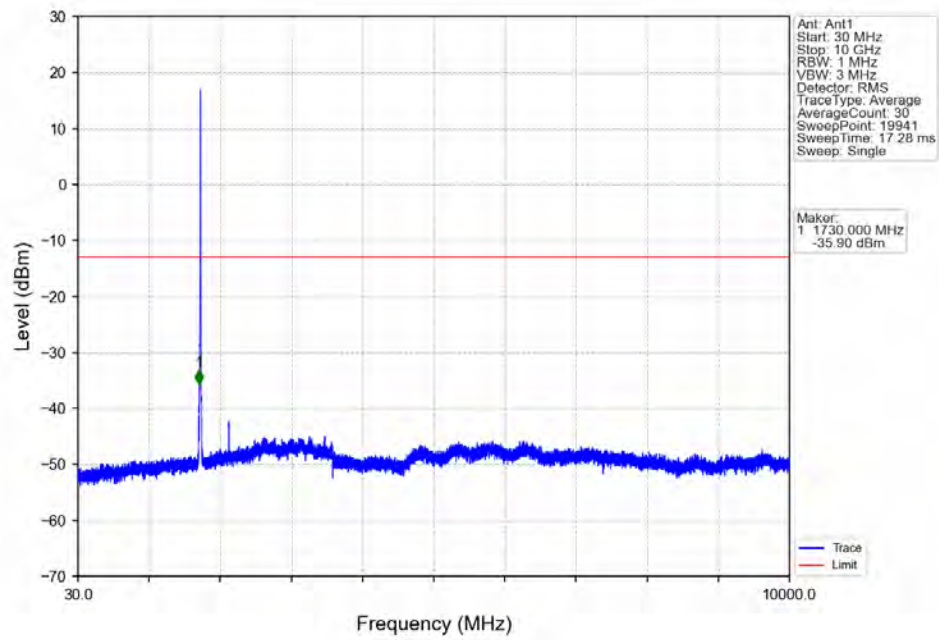
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



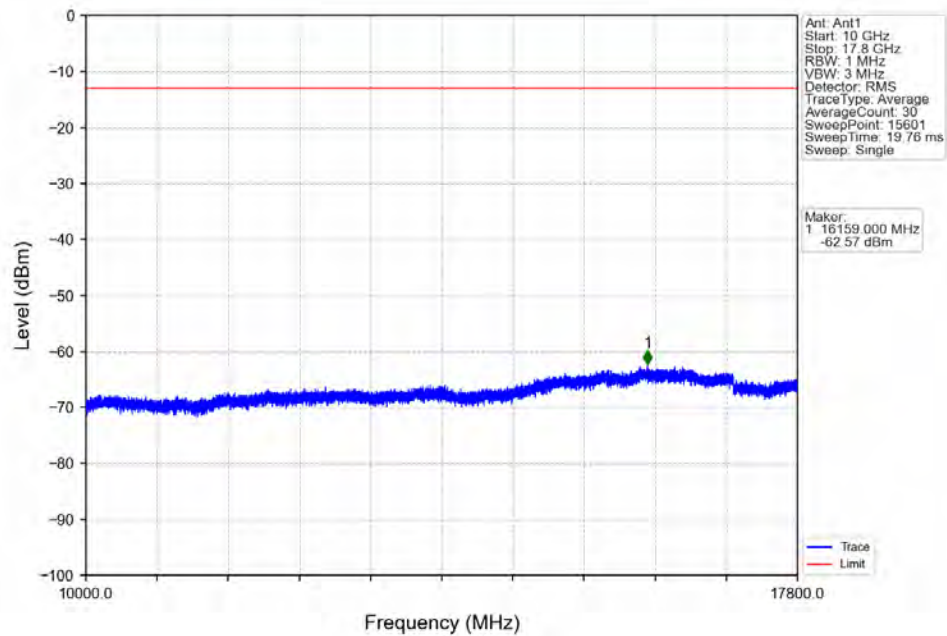
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



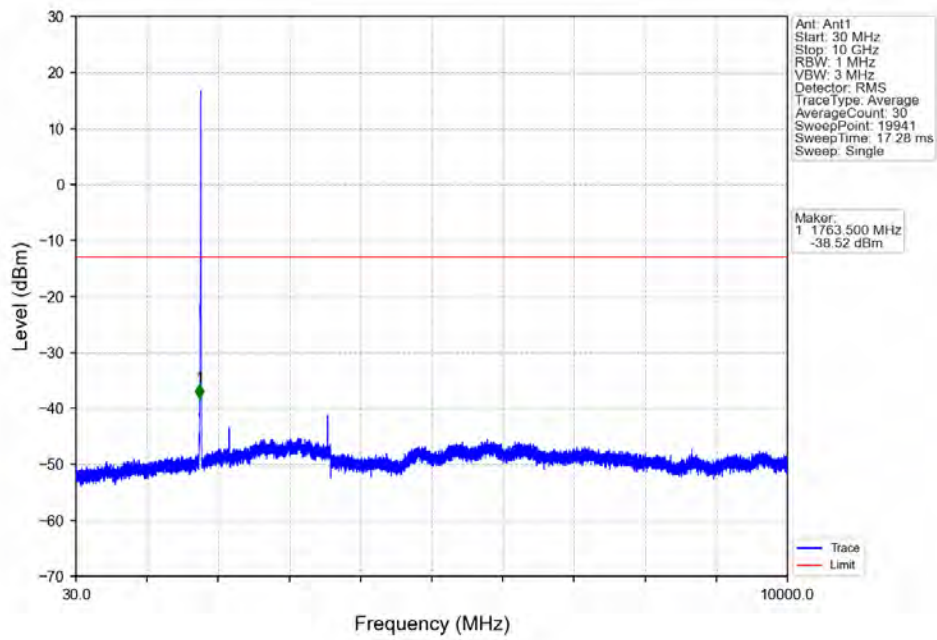
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



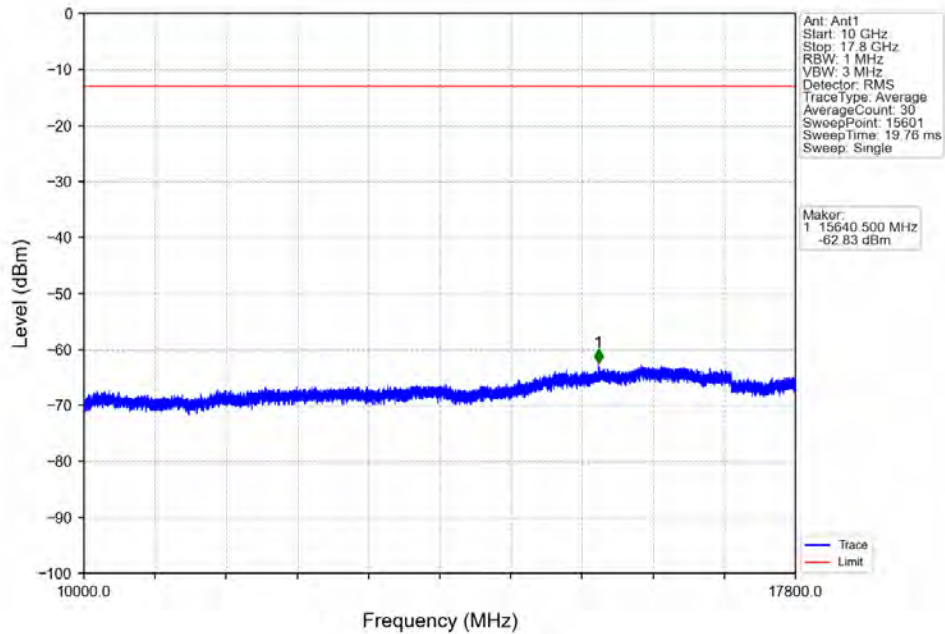
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



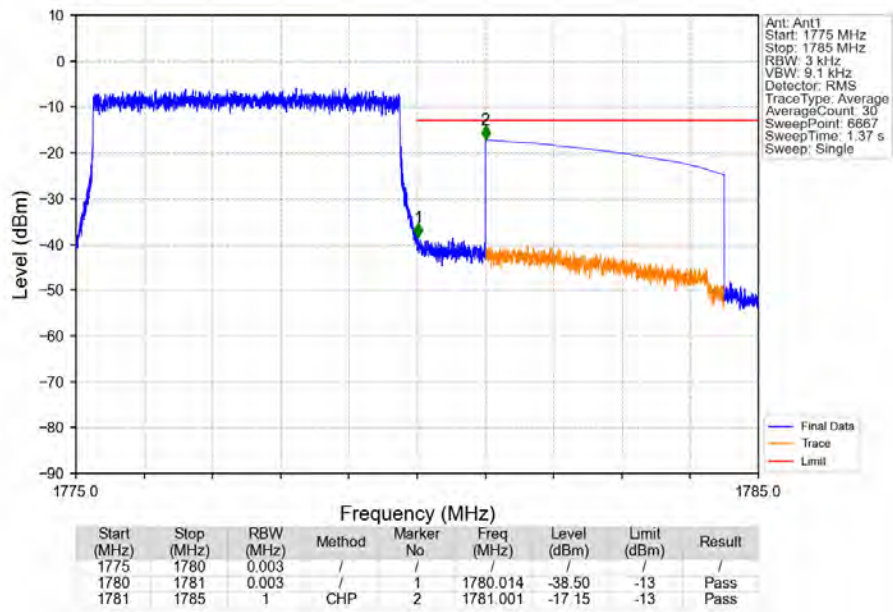
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



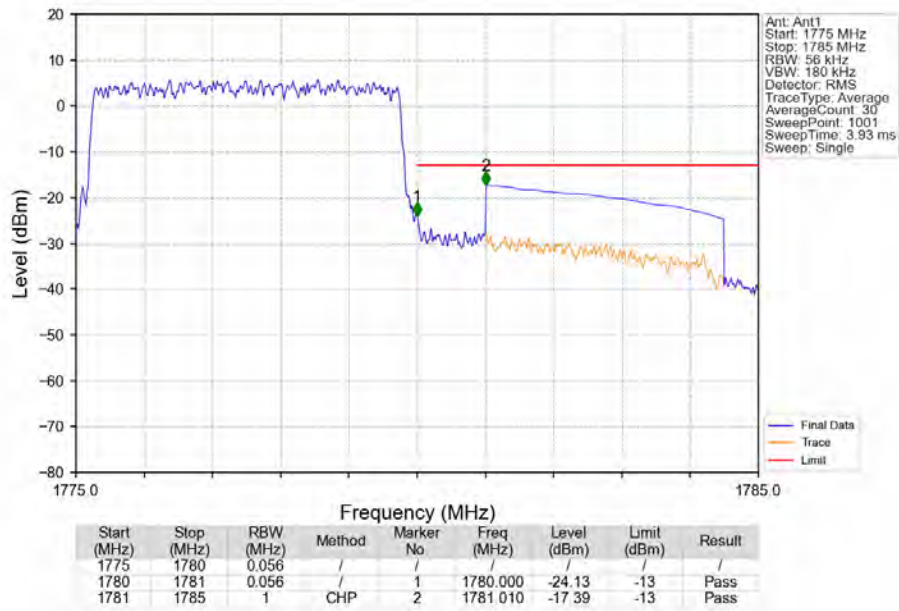
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



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



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

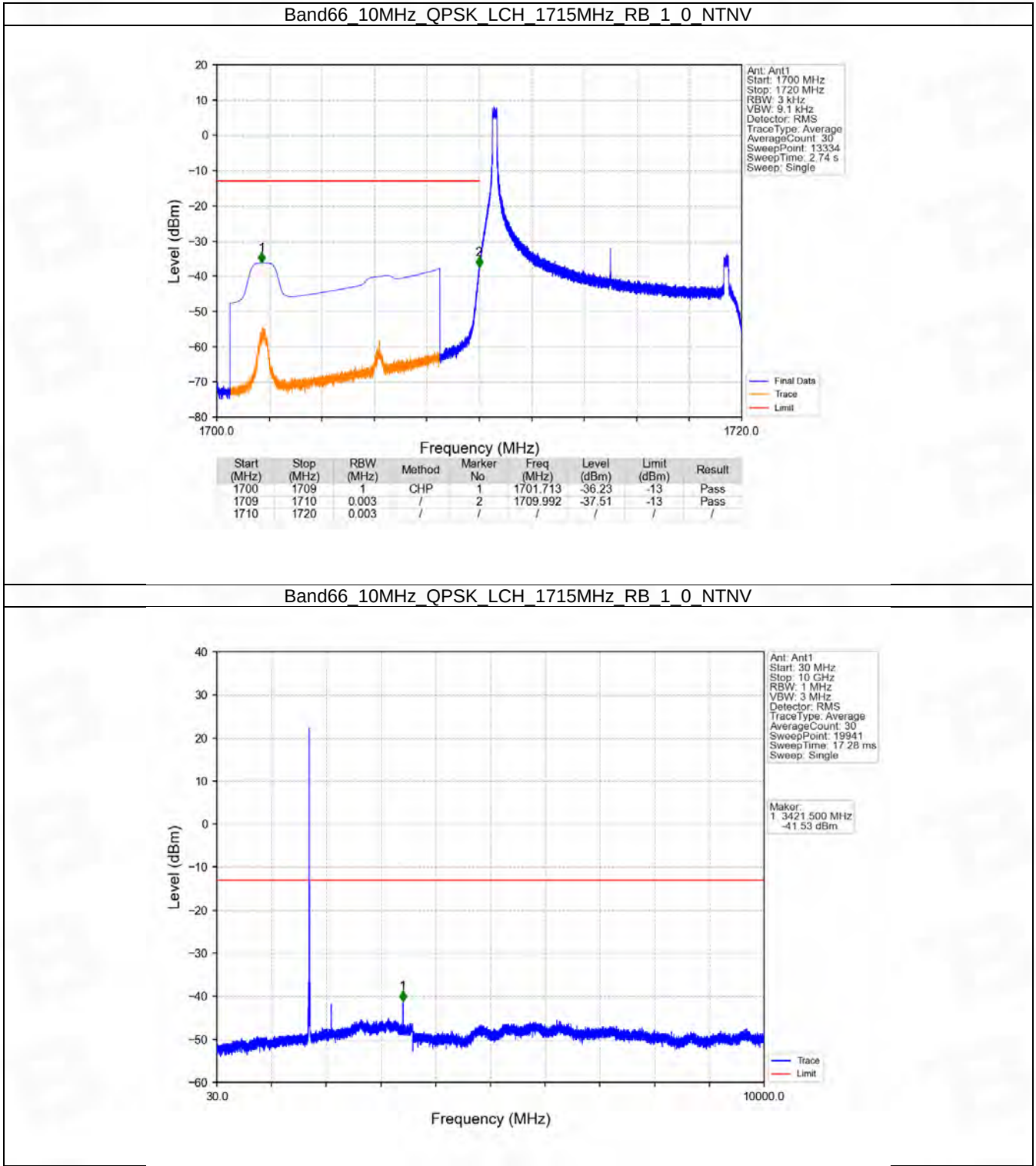


6.4 B66_10MHz

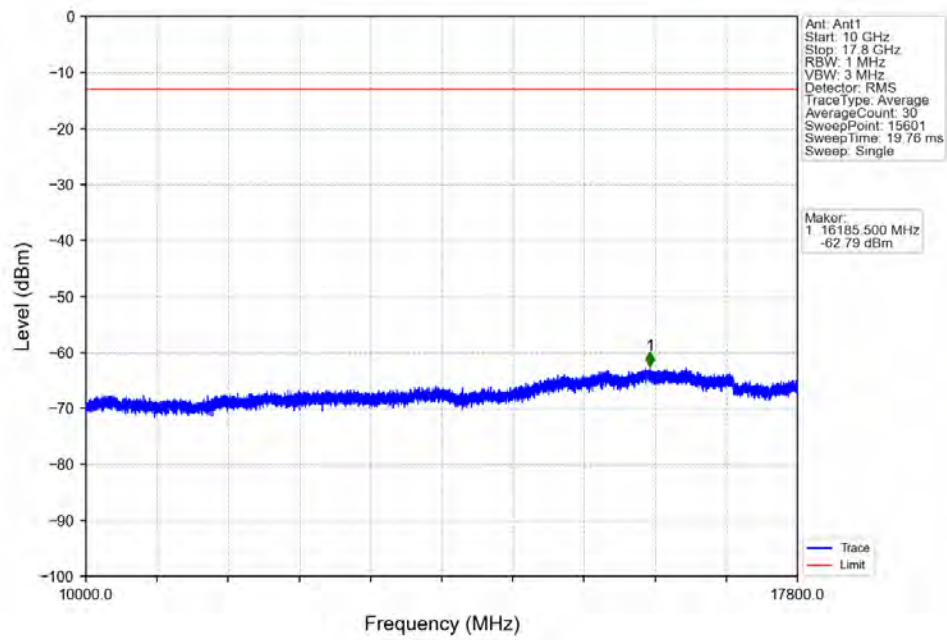
6.4.1 Test Result

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

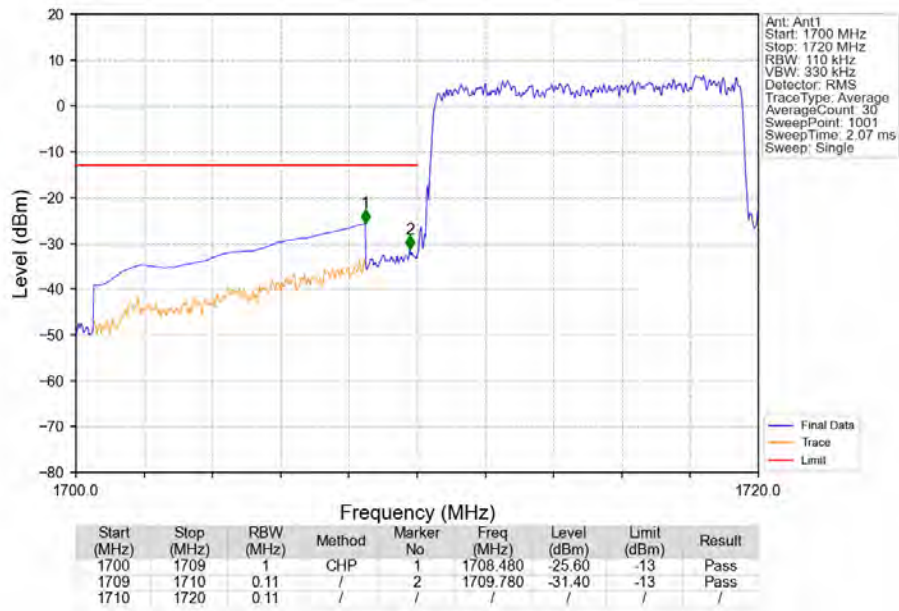
6.4.2 Test Graph



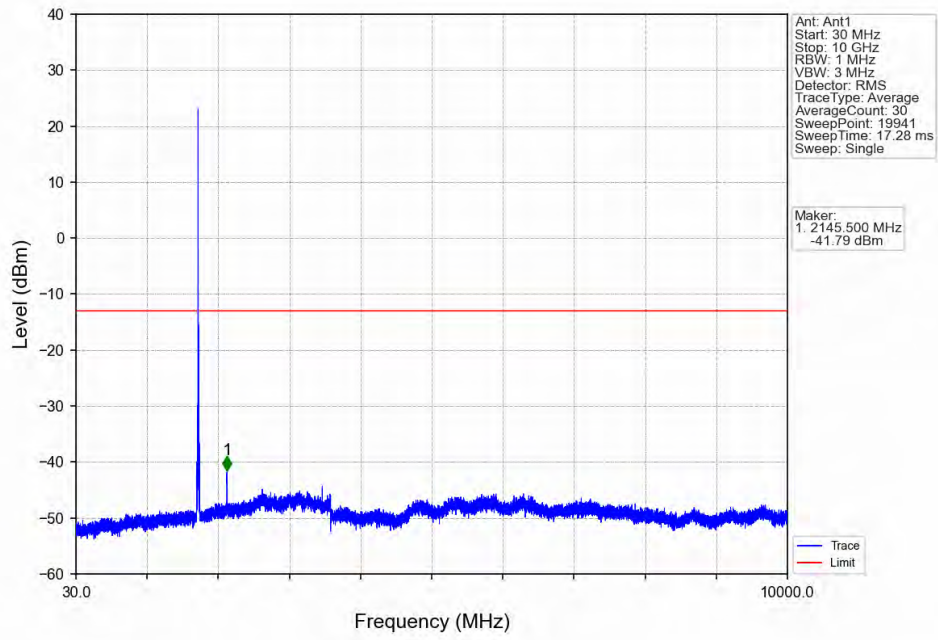
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



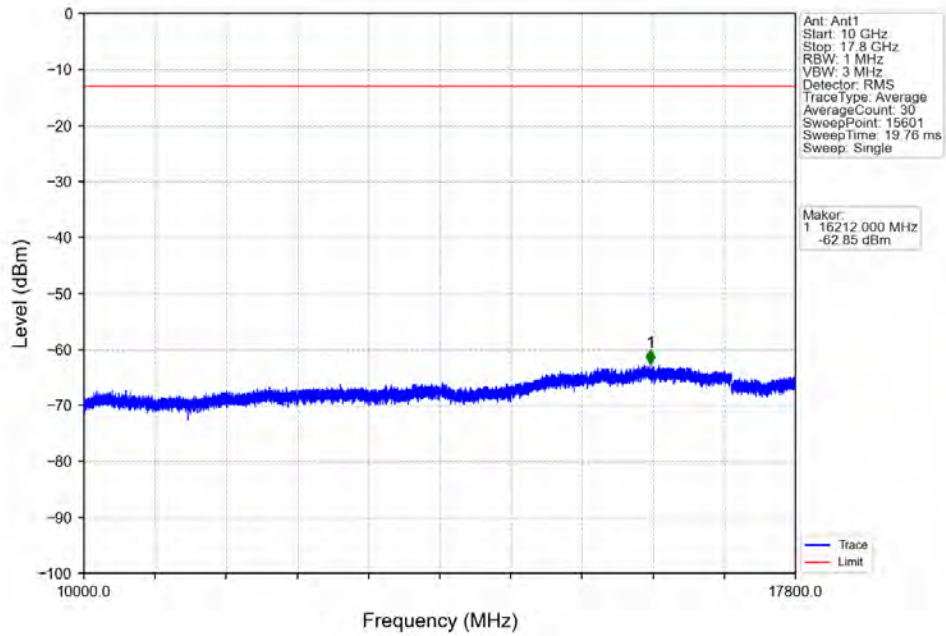
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



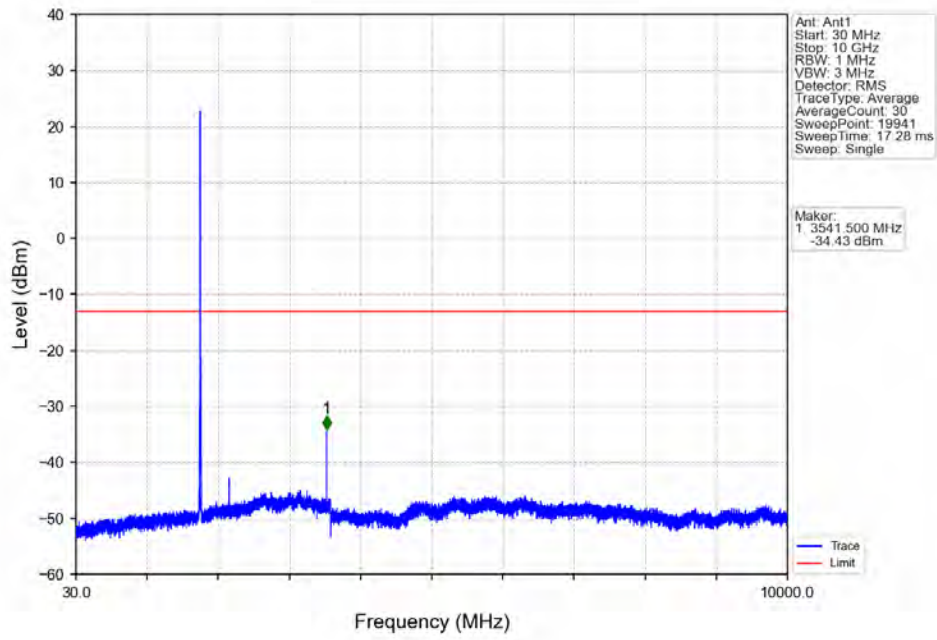
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



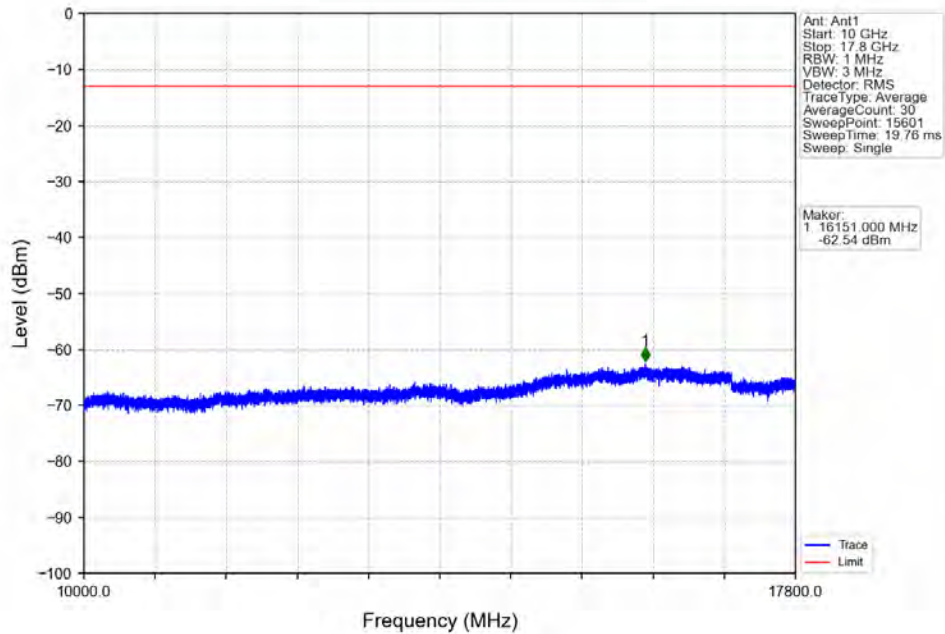
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



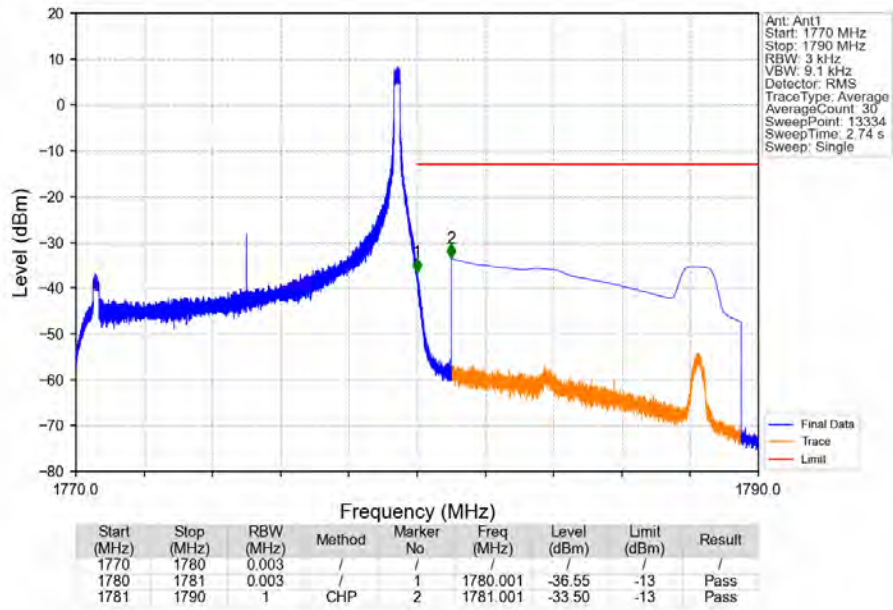
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



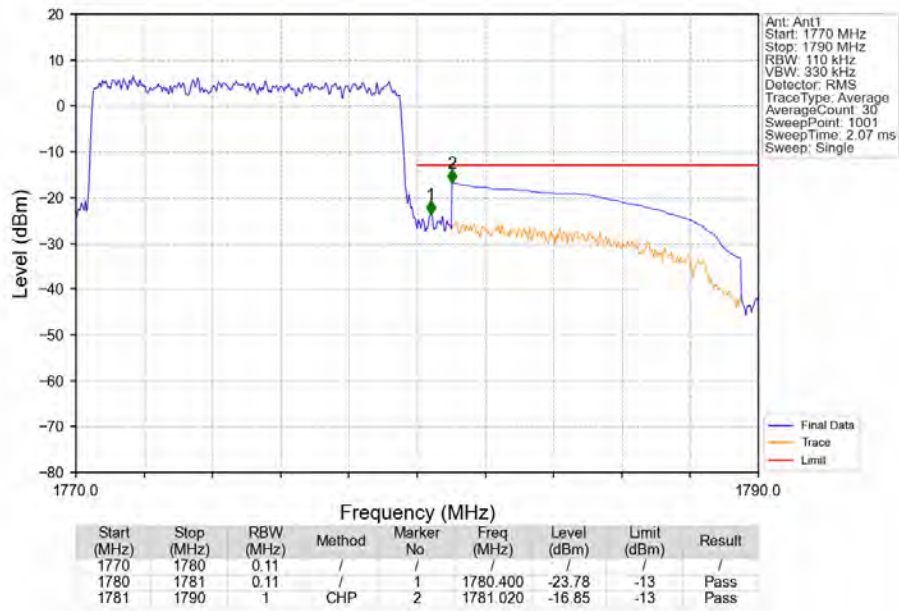
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



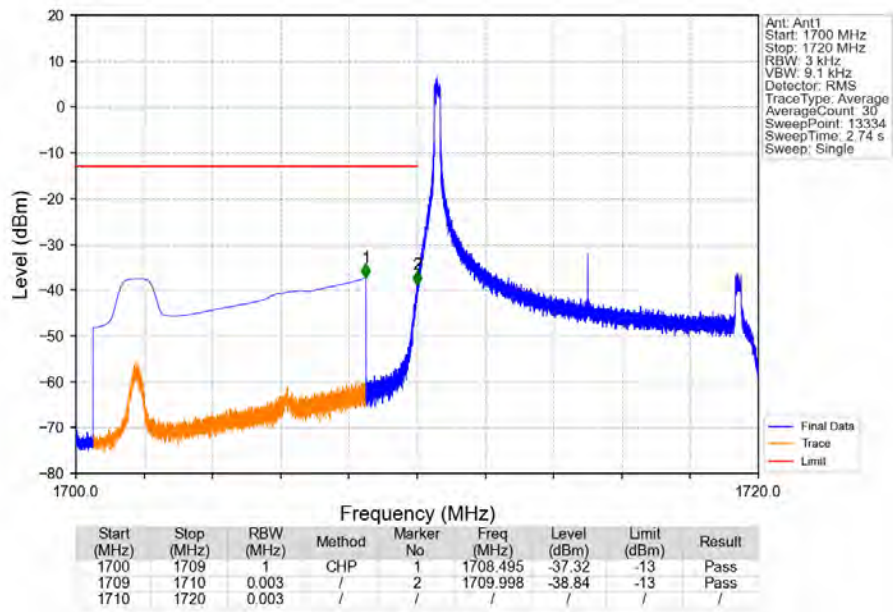
Band66_10MHz QPSK HCH 1775MHz RB 1 49_NTNV



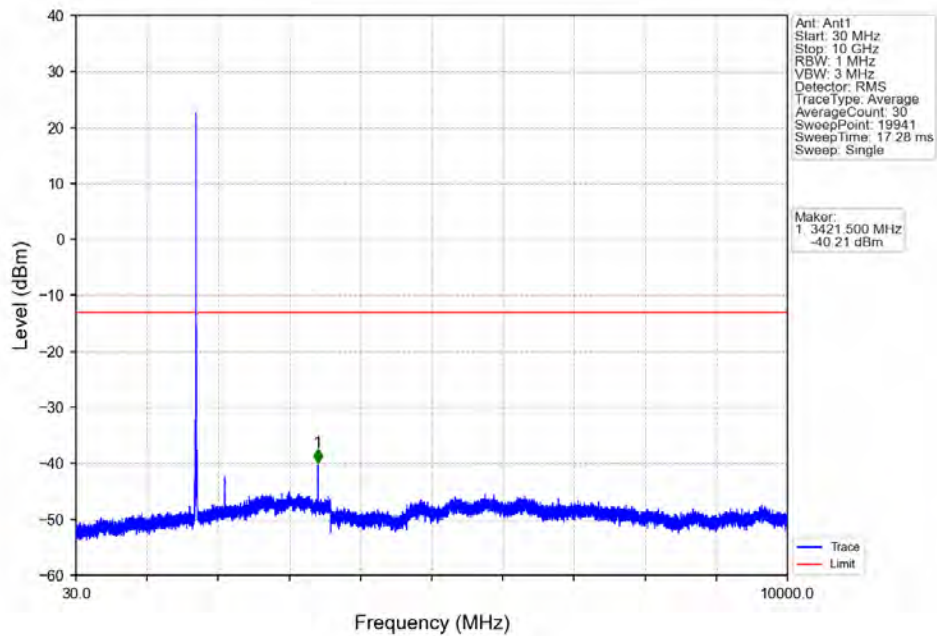
Band66_10MHz QPSK HCH 1775MHz RB 50 0_NTNV



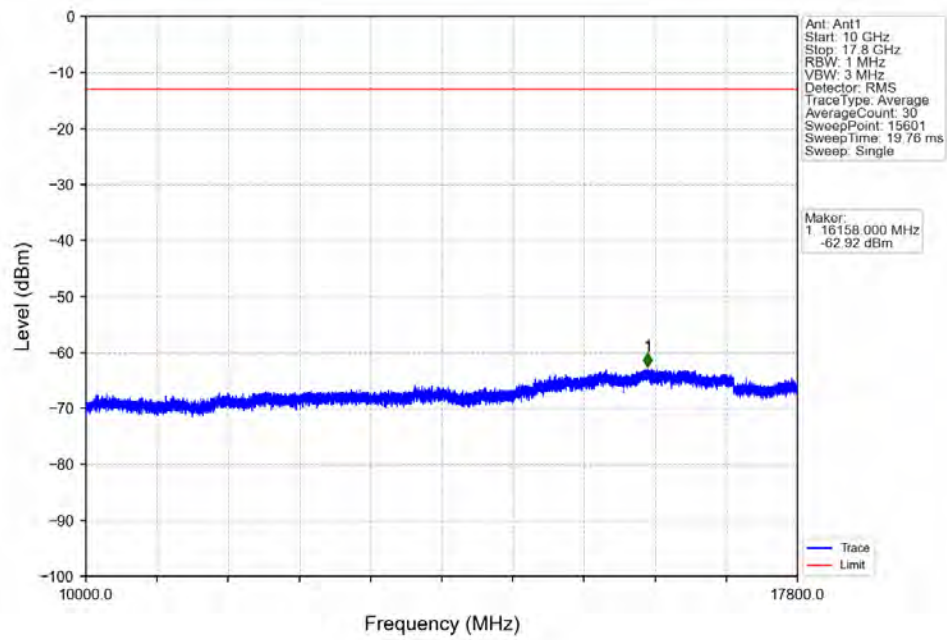
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



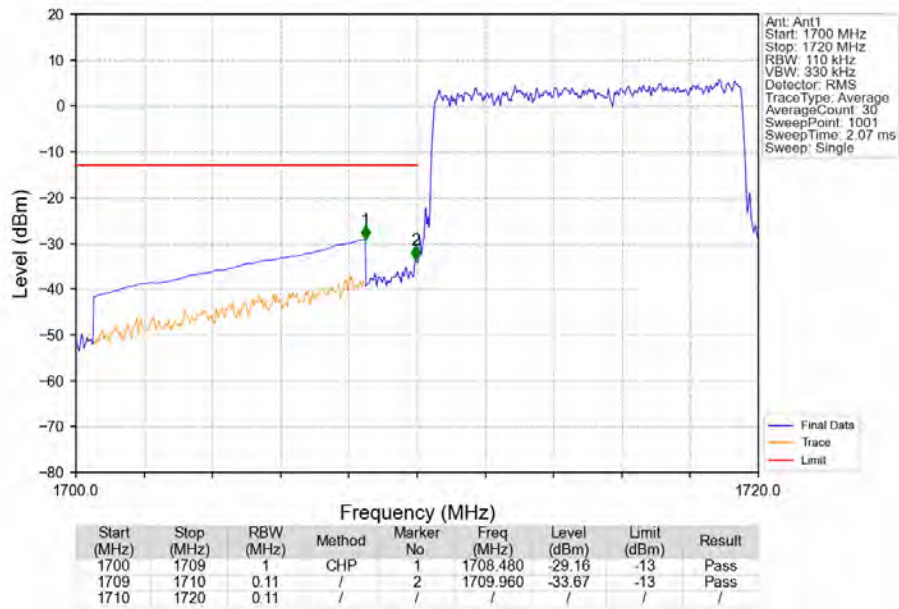
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



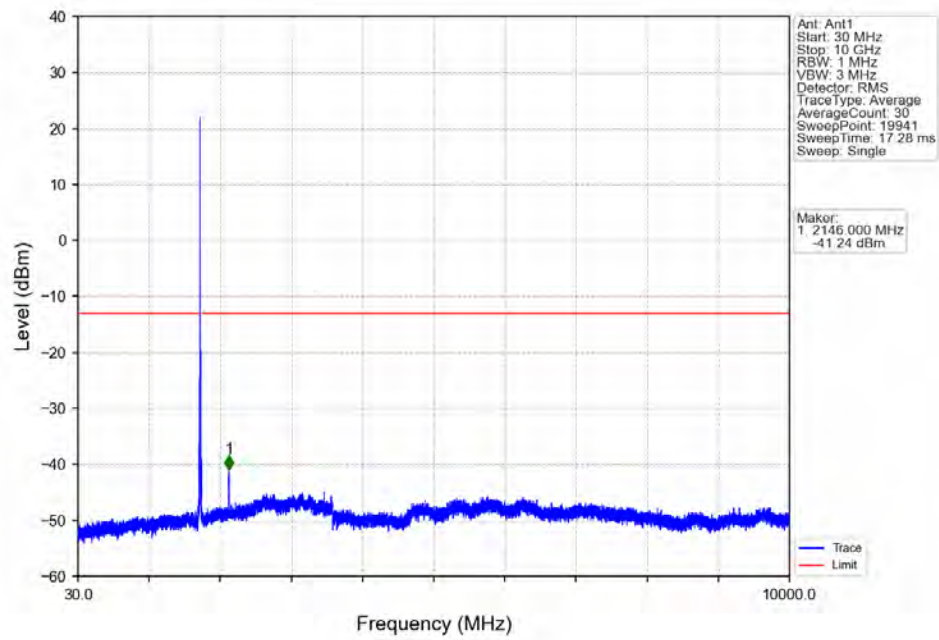
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTV



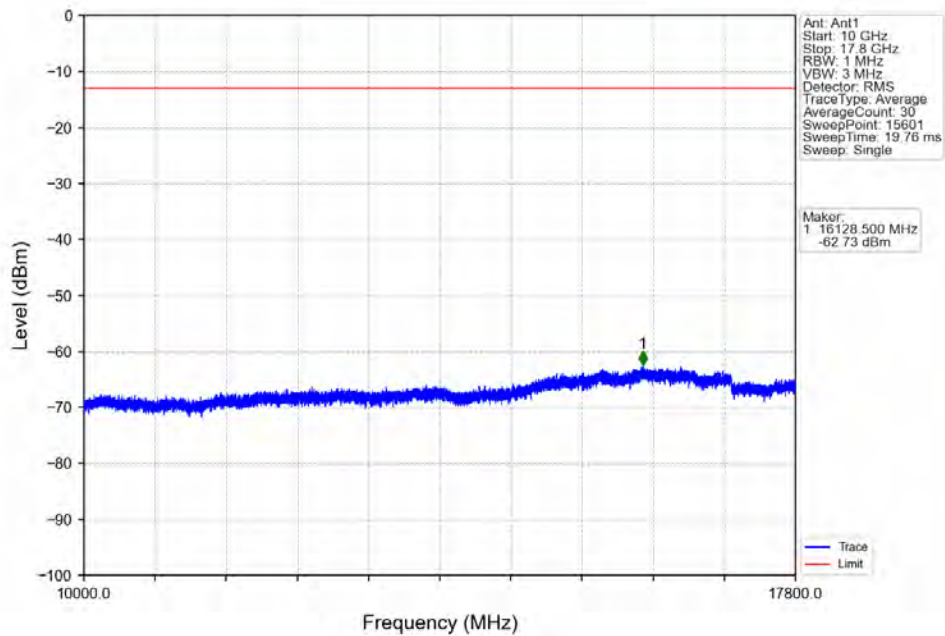
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



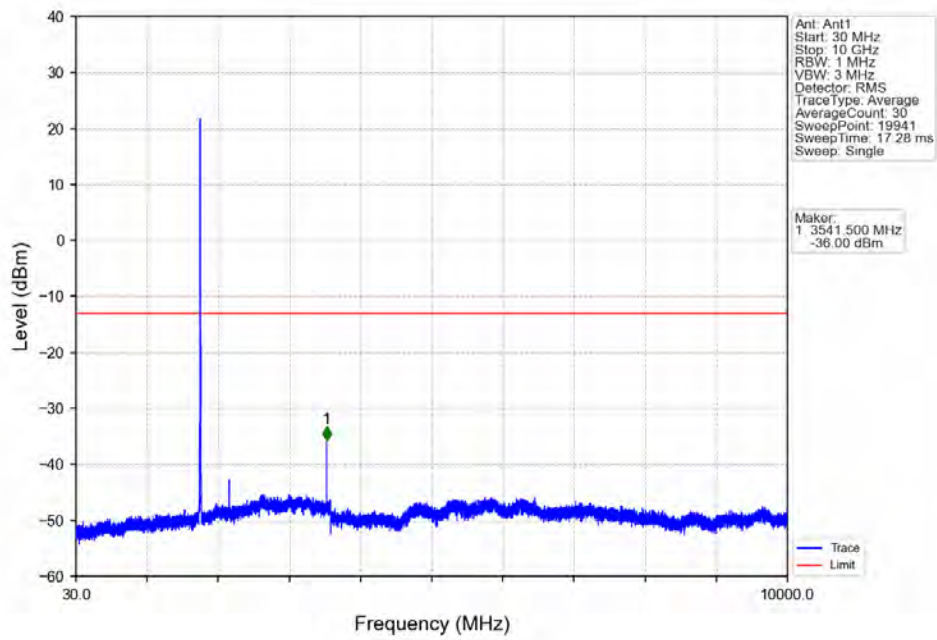
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



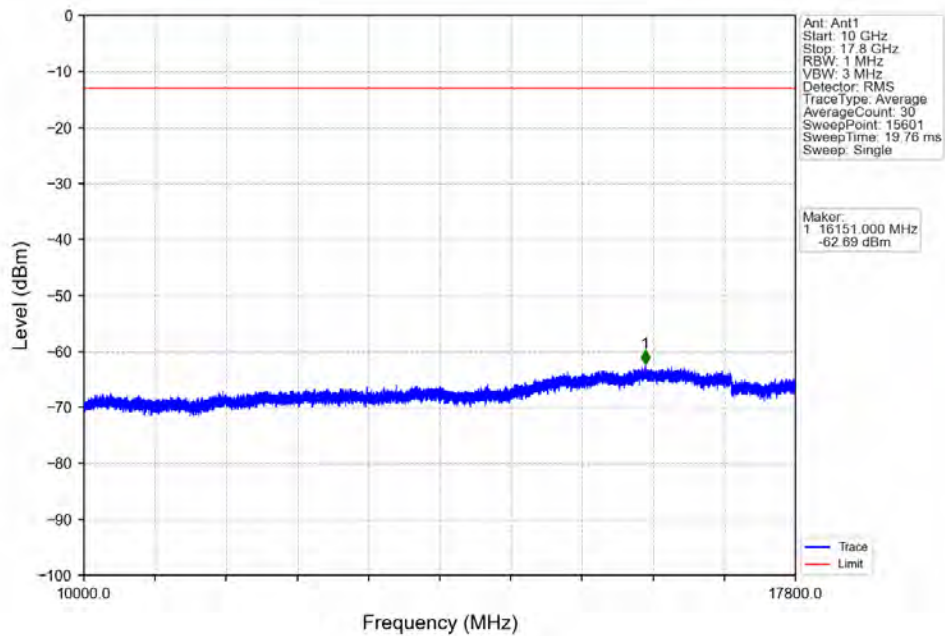
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



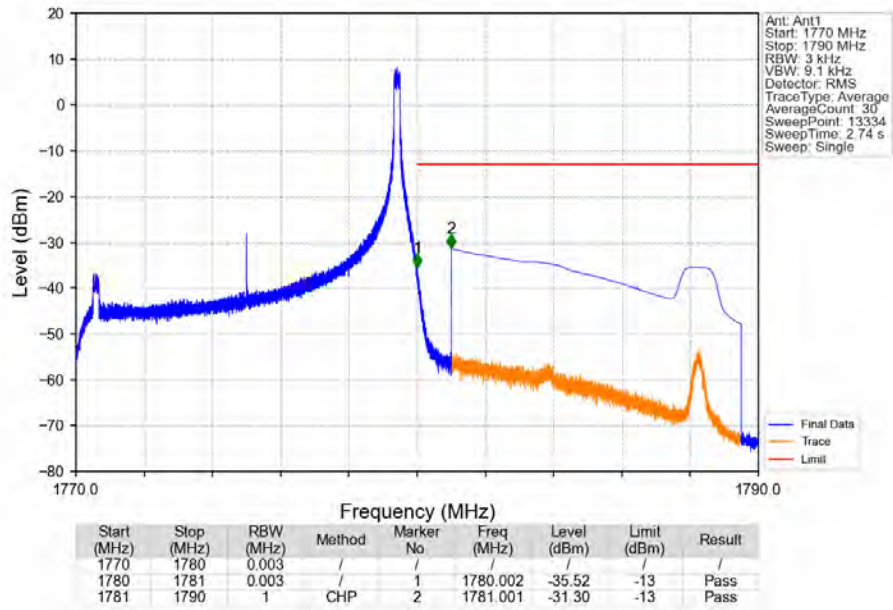
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



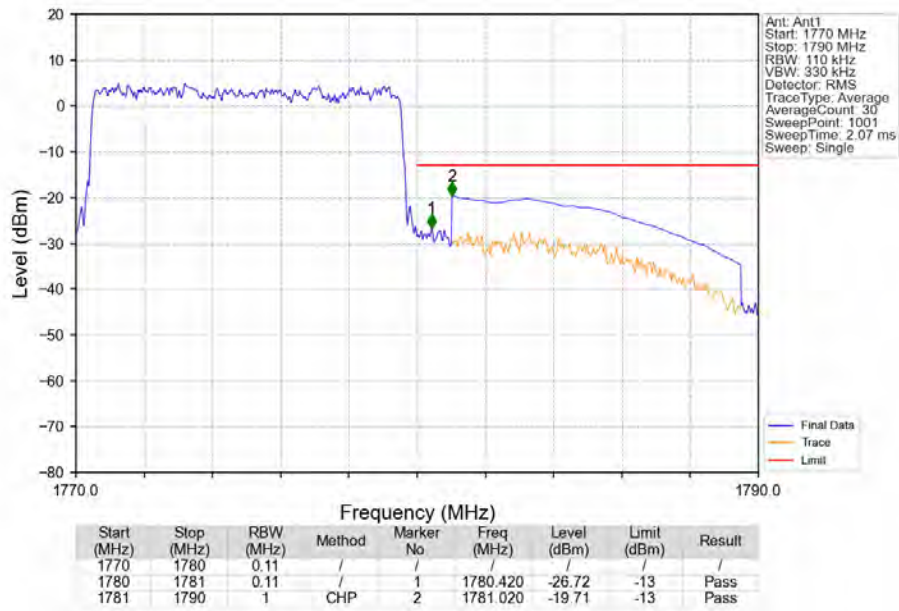
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



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



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

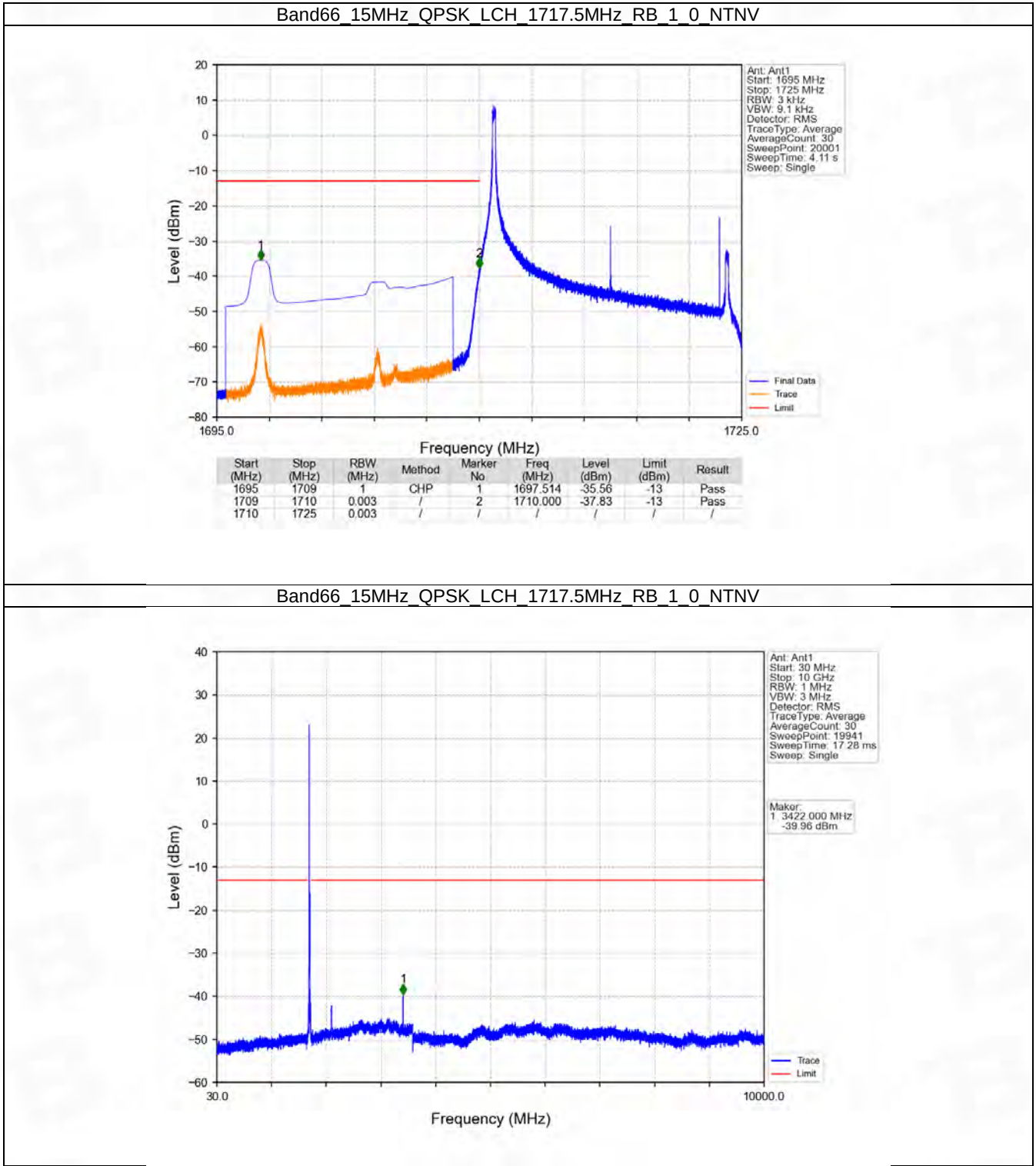


6.5 B66_15MHz

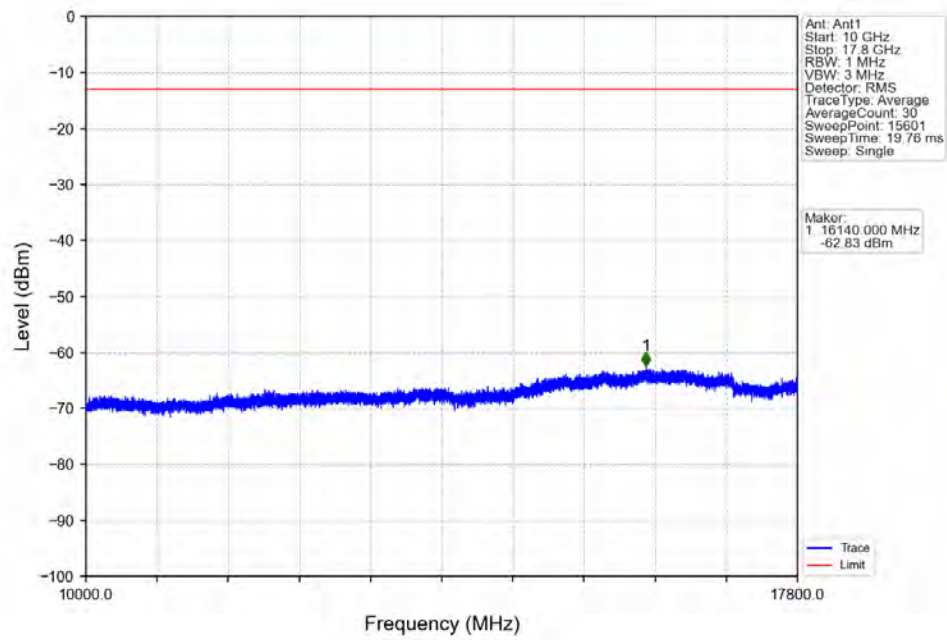
6.5.1 Test Result

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

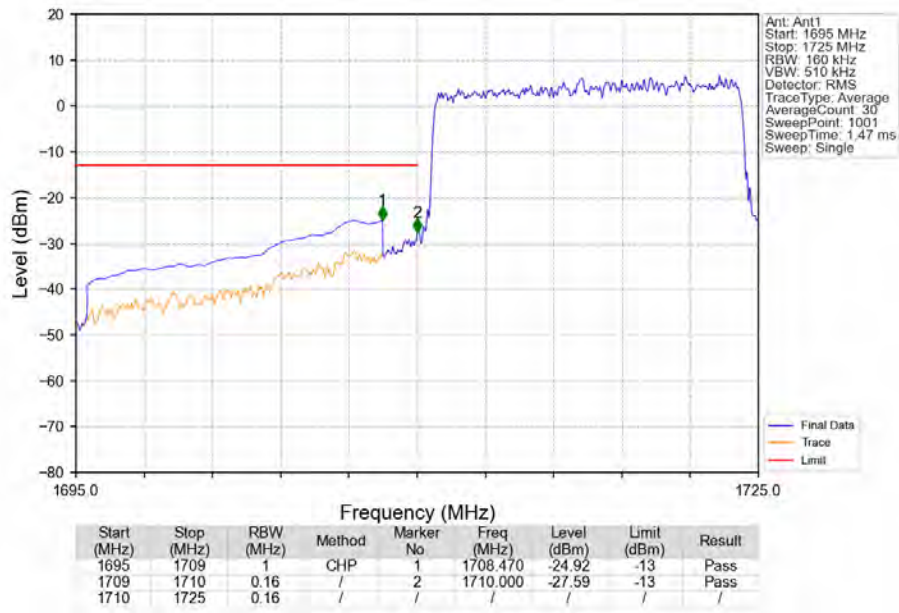
6.5.2 Test Graph



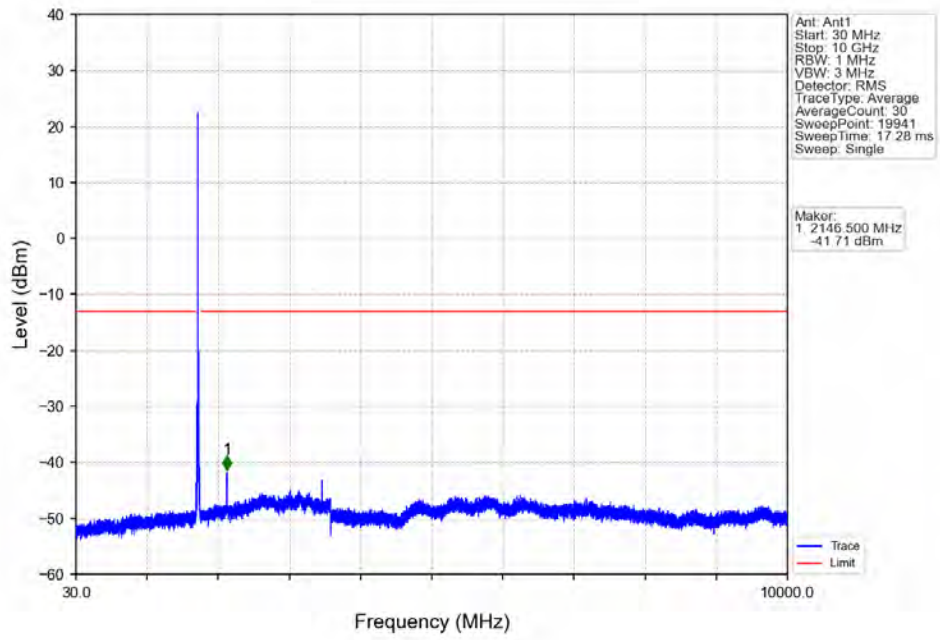
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



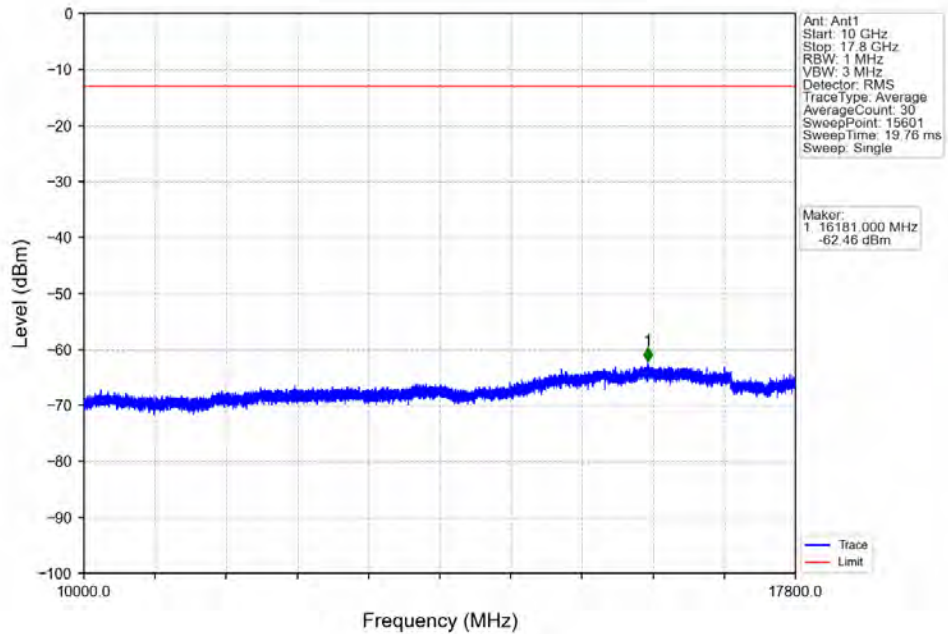
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



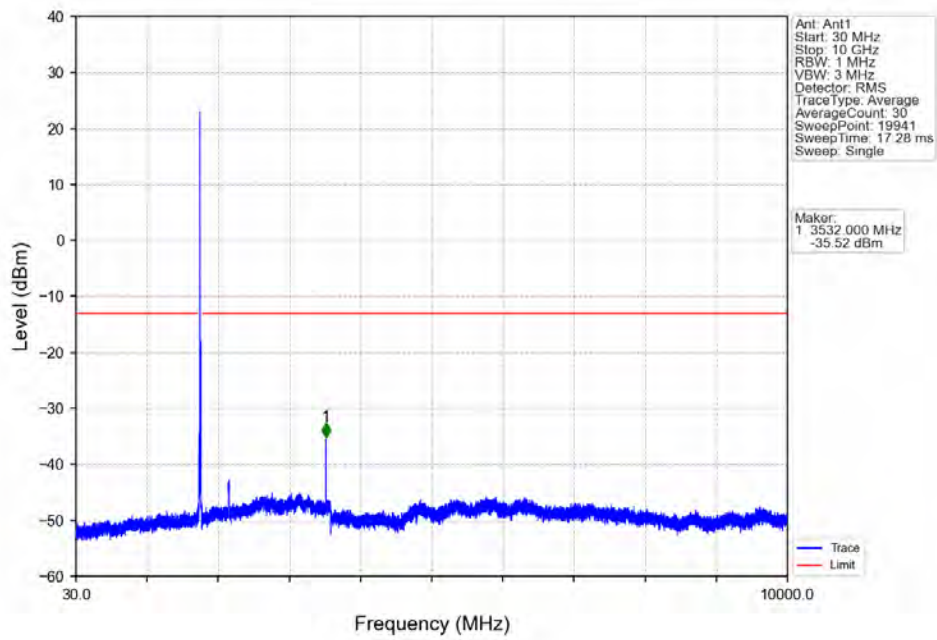
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



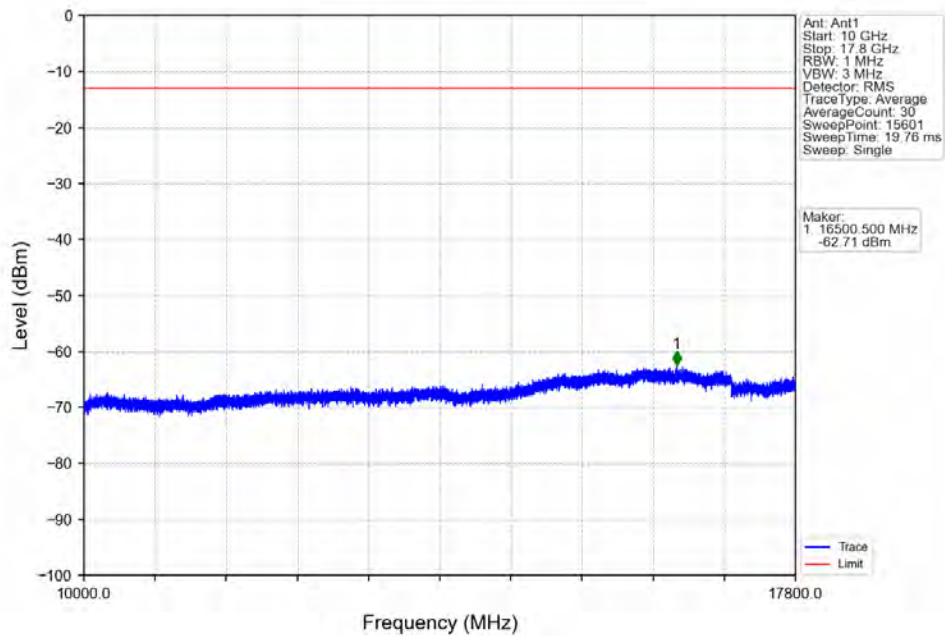
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



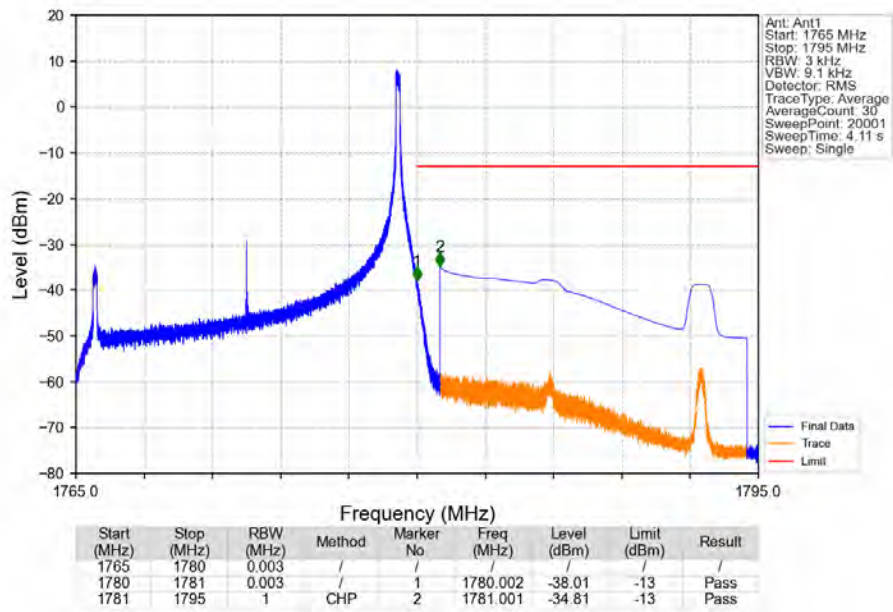
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



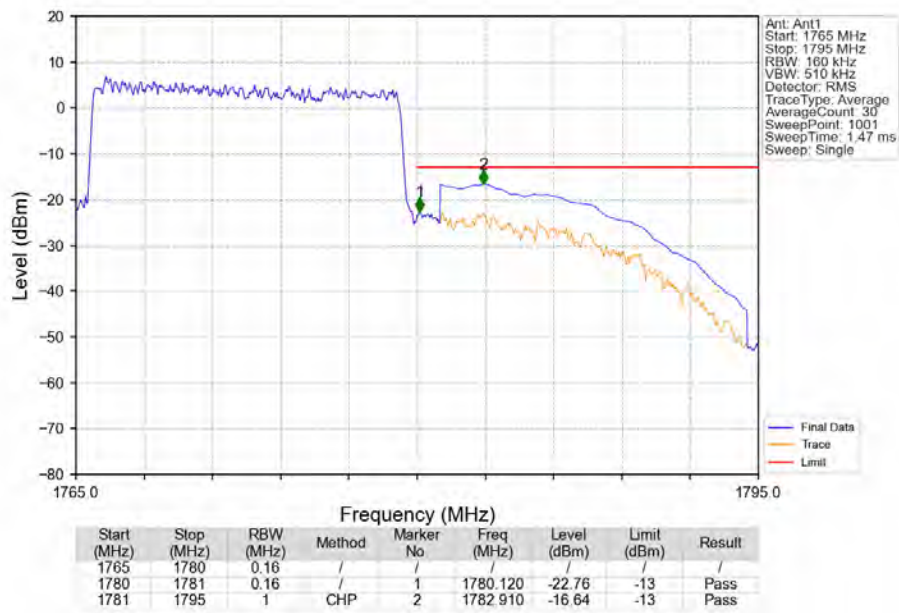
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



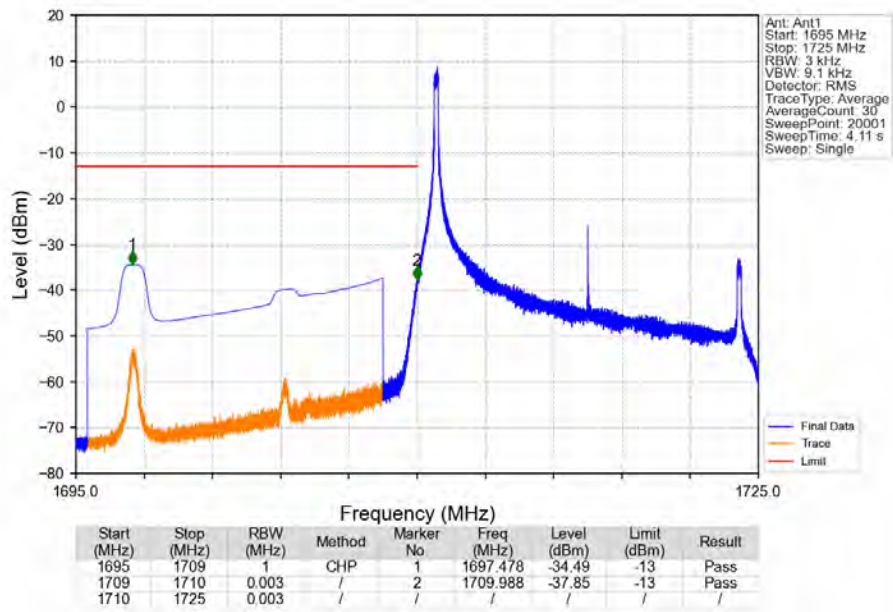
Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



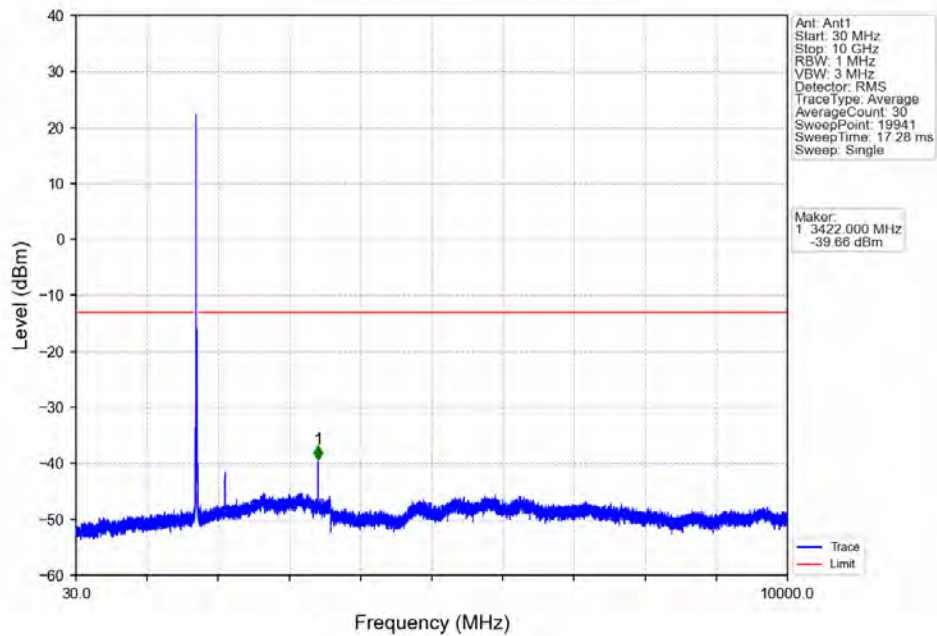
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



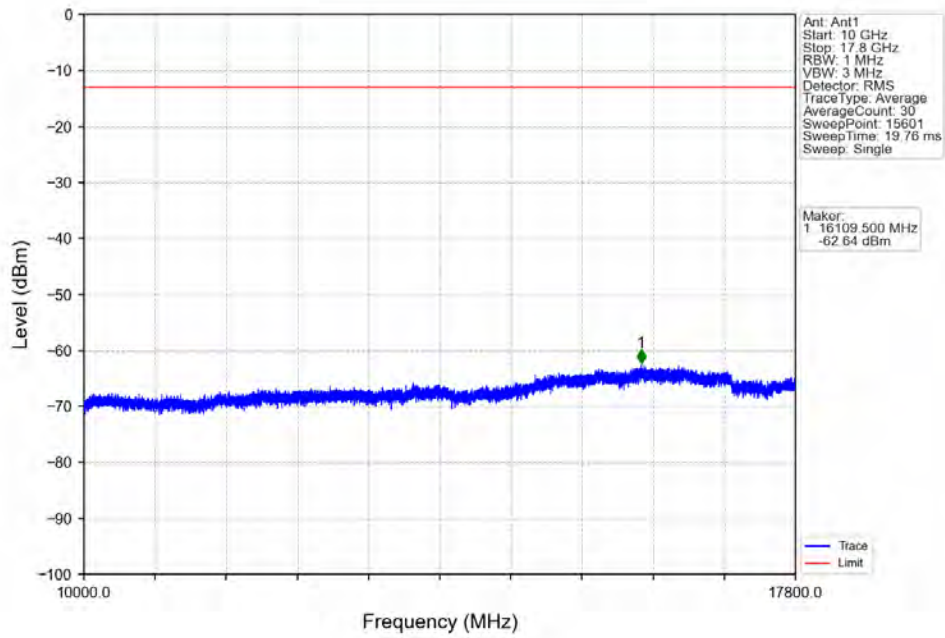
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



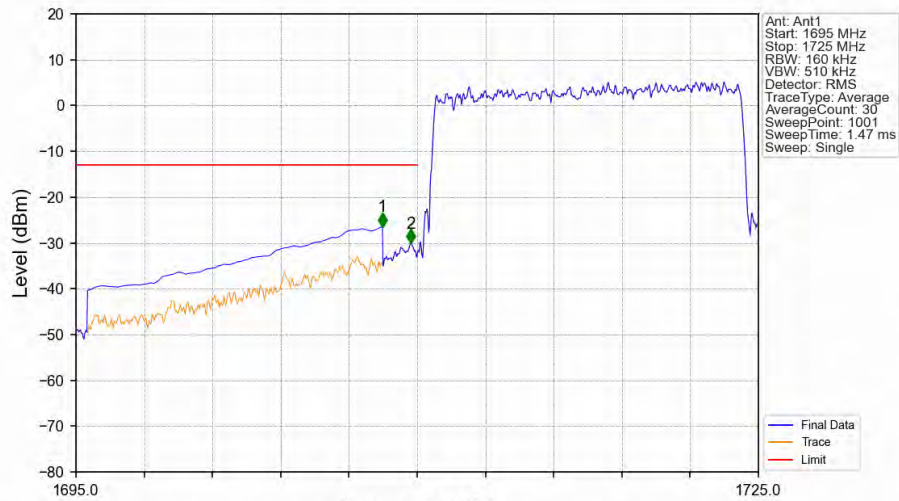
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



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

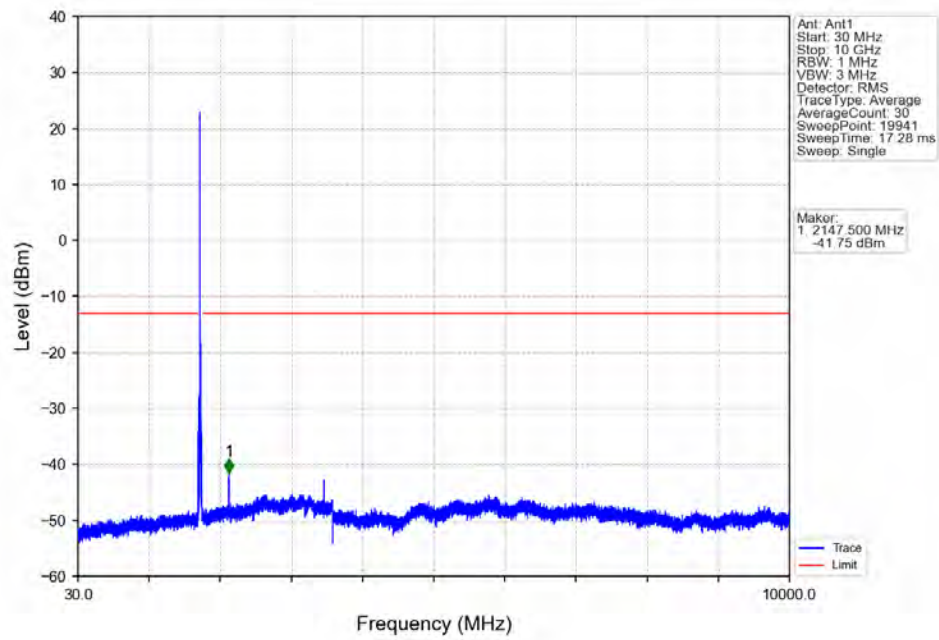


Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV

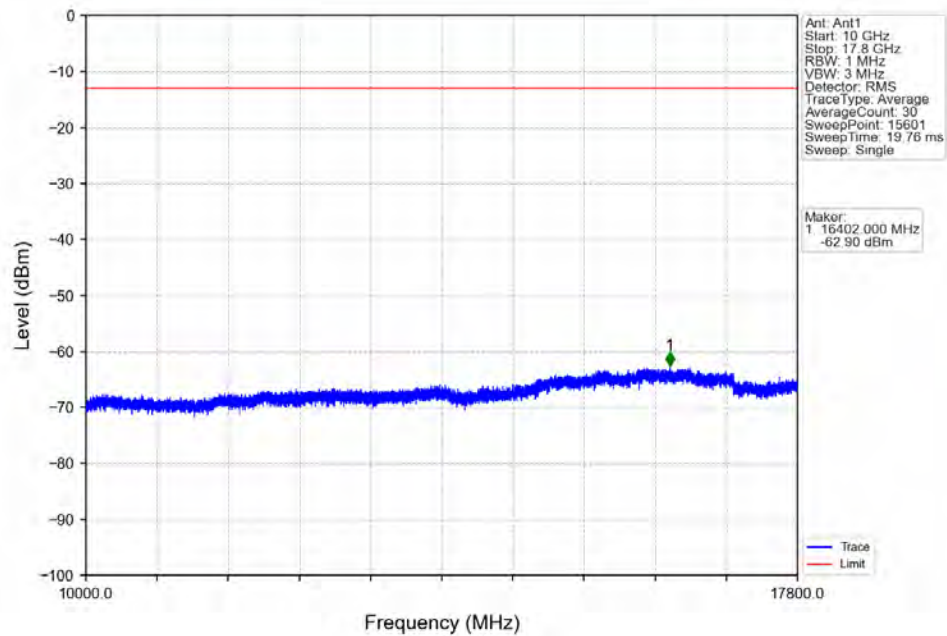


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-26.50	-13	Pass
1709	1710	0.16	/	2	1709.730	-30.04	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

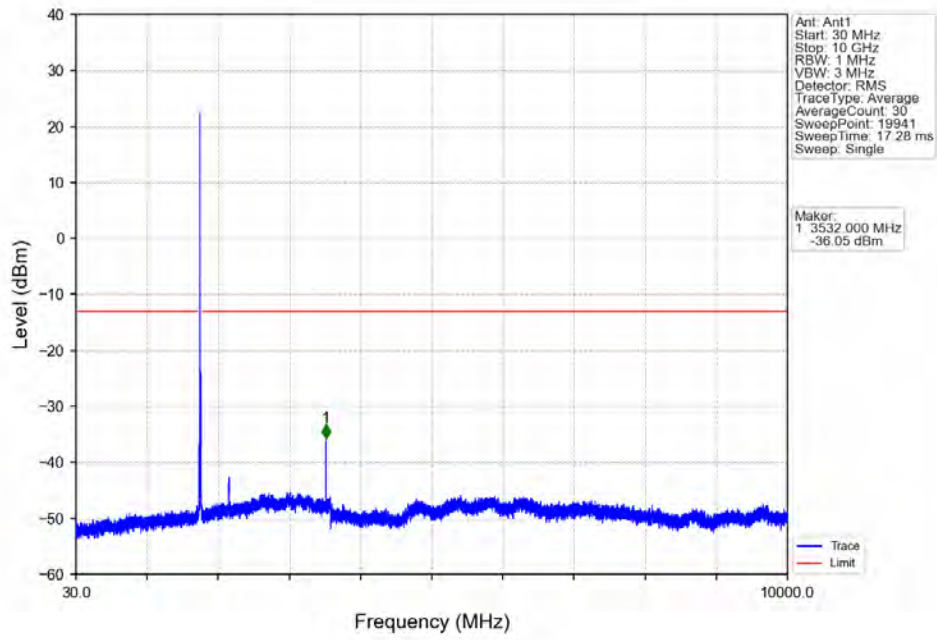
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



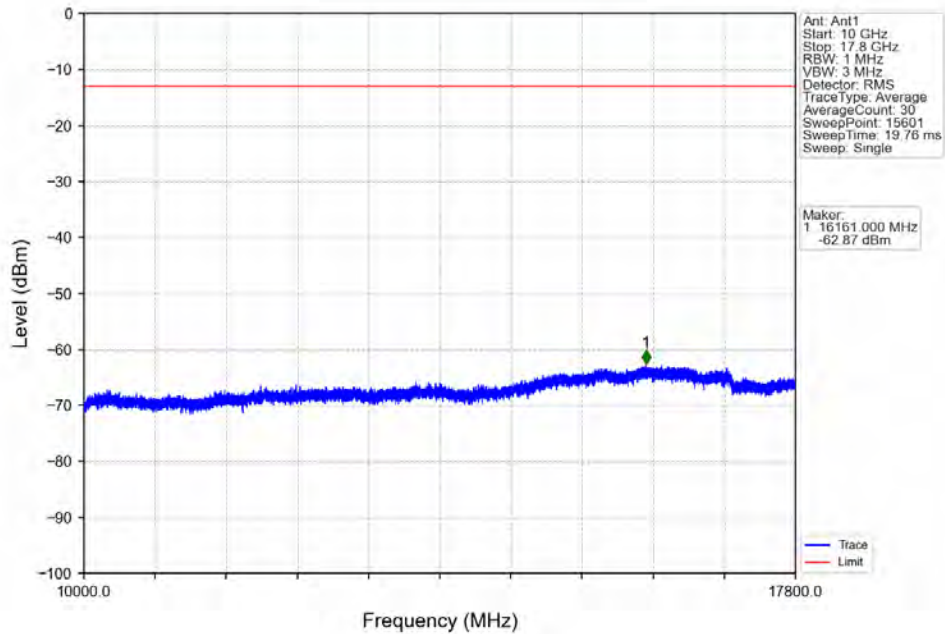
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



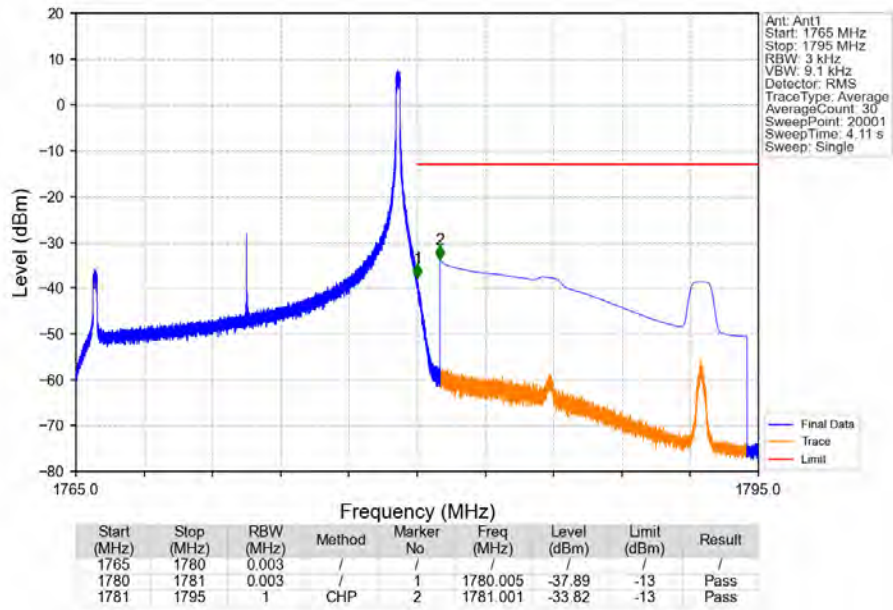
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



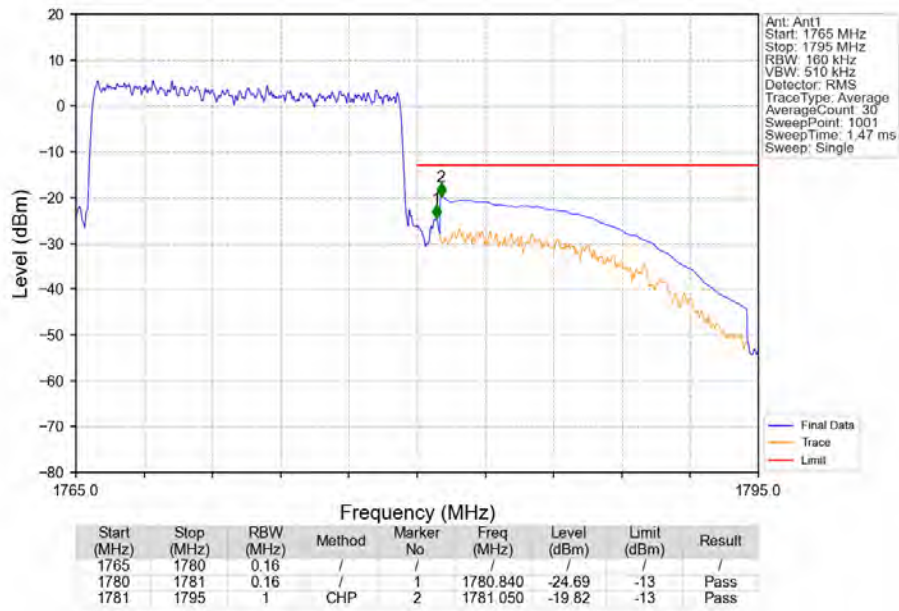
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

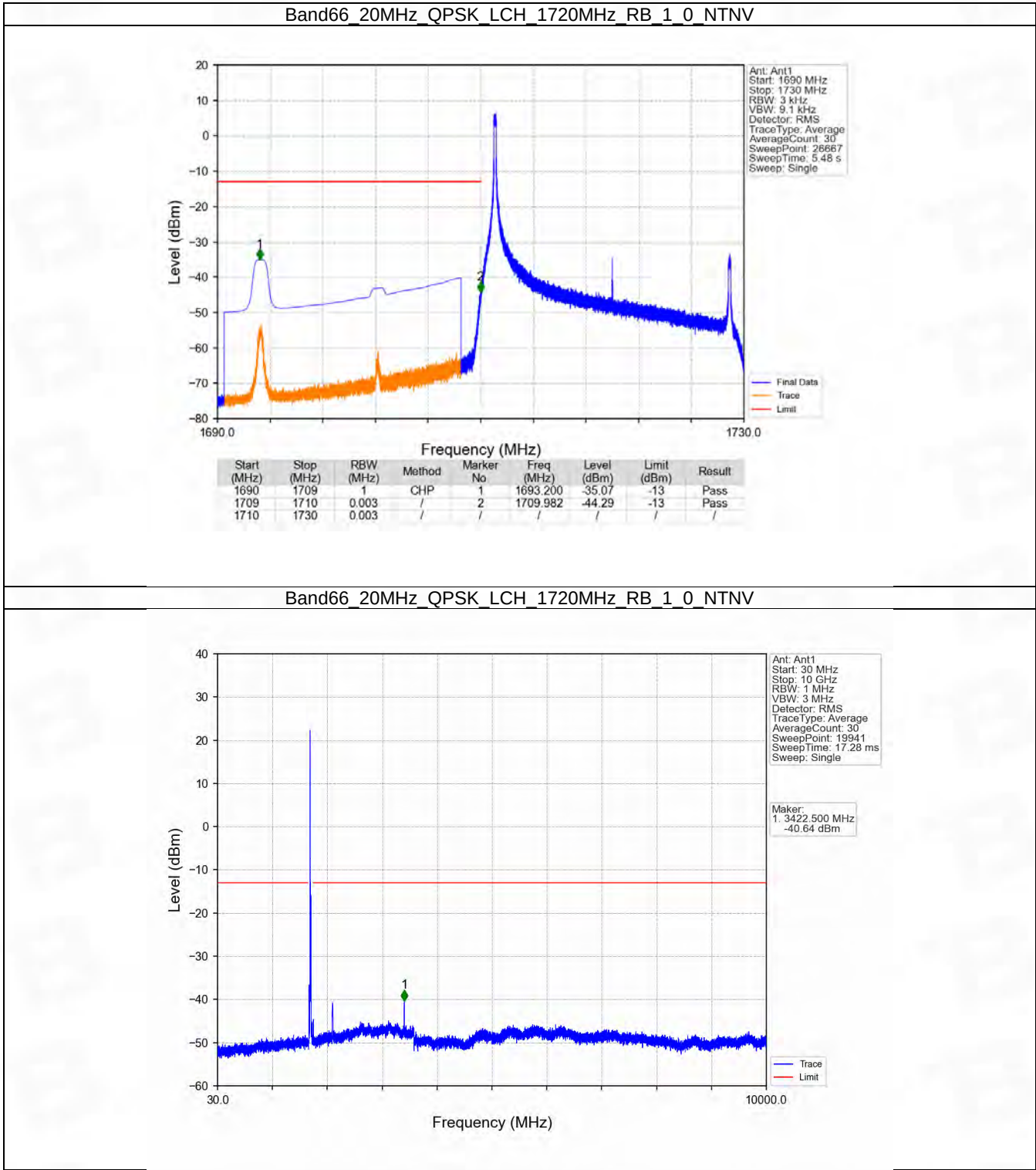


6.6 B66_20MHz

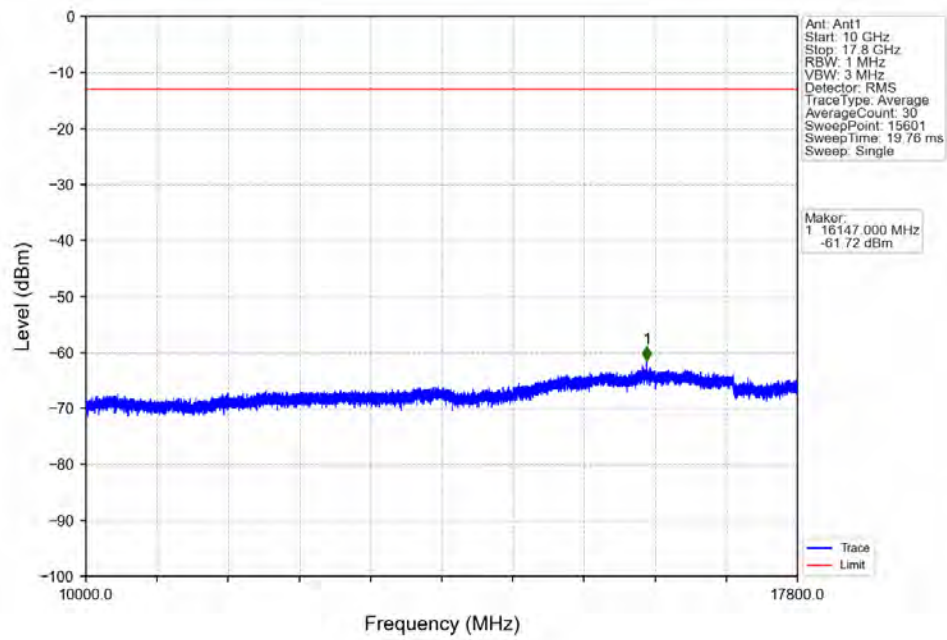
6.6.1 Test Result

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

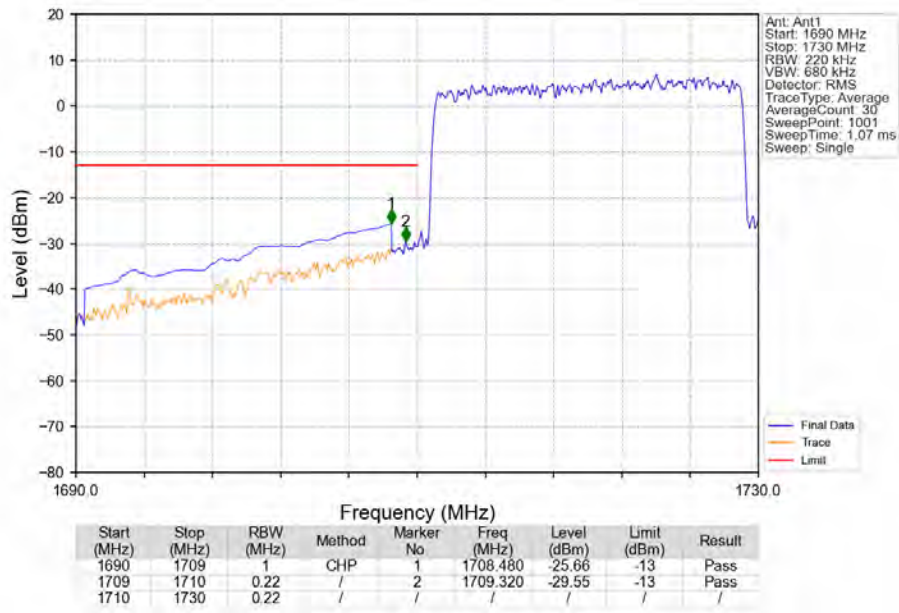
6.6.2 Test Graph



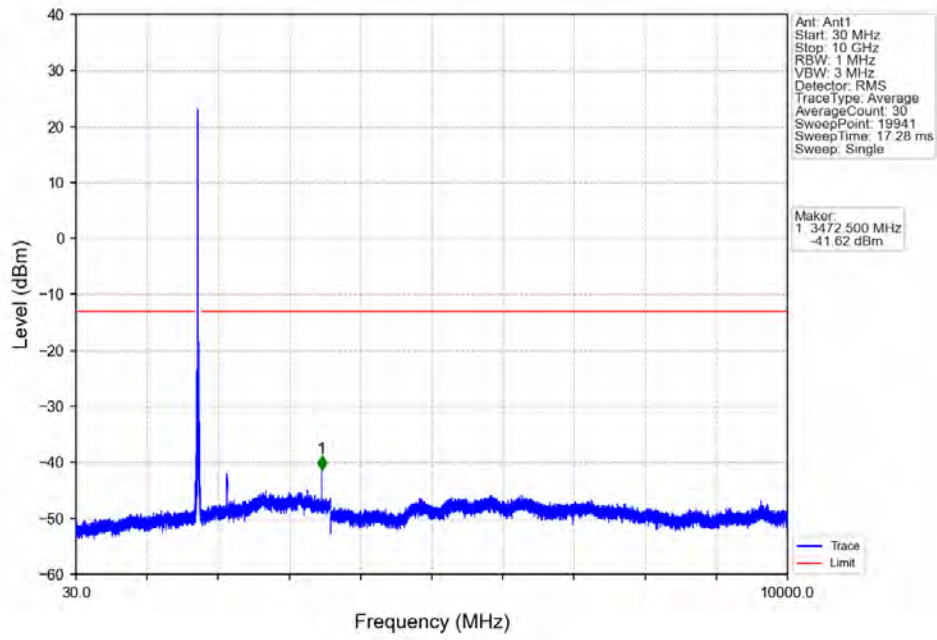
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



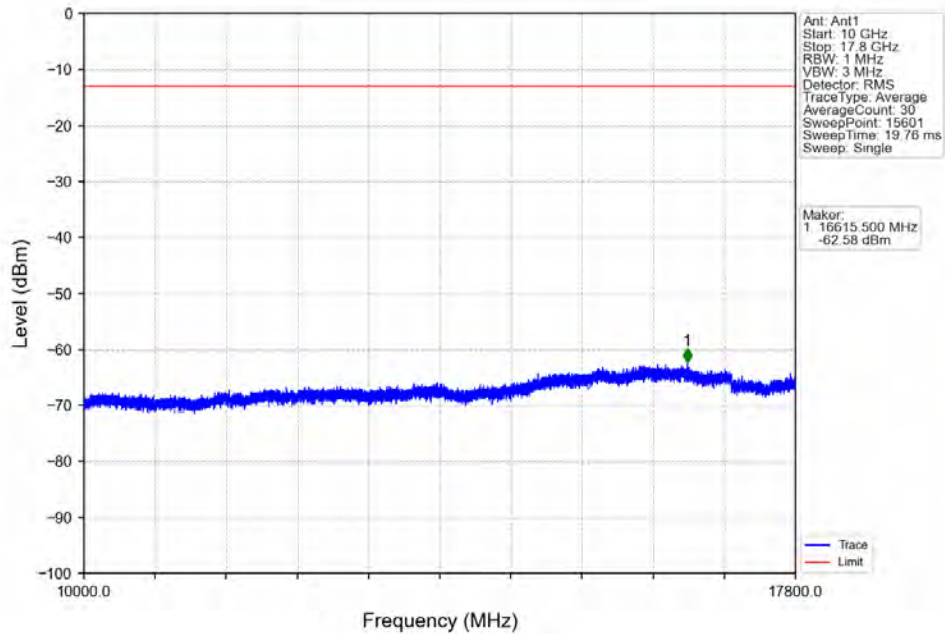
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



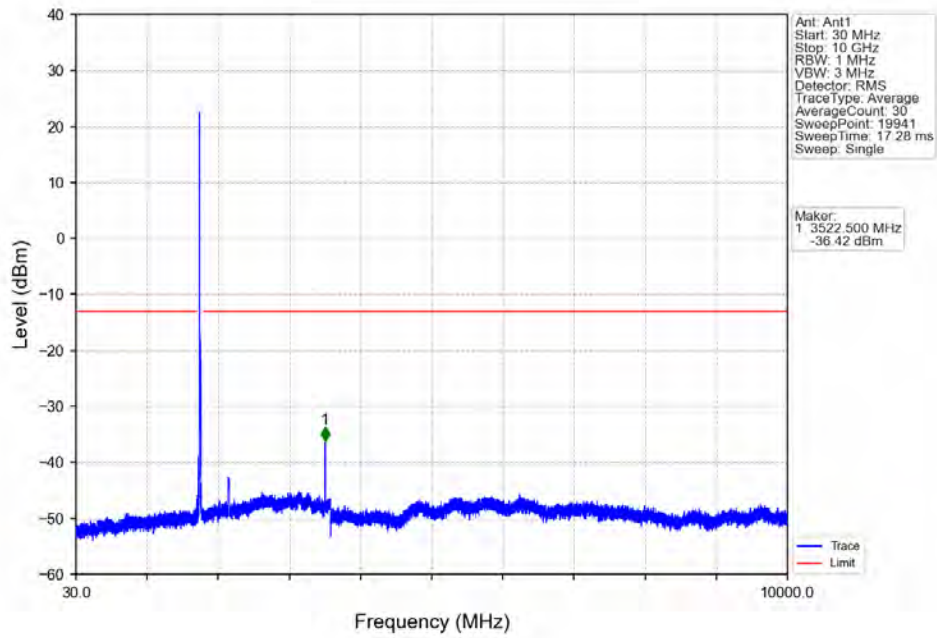
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



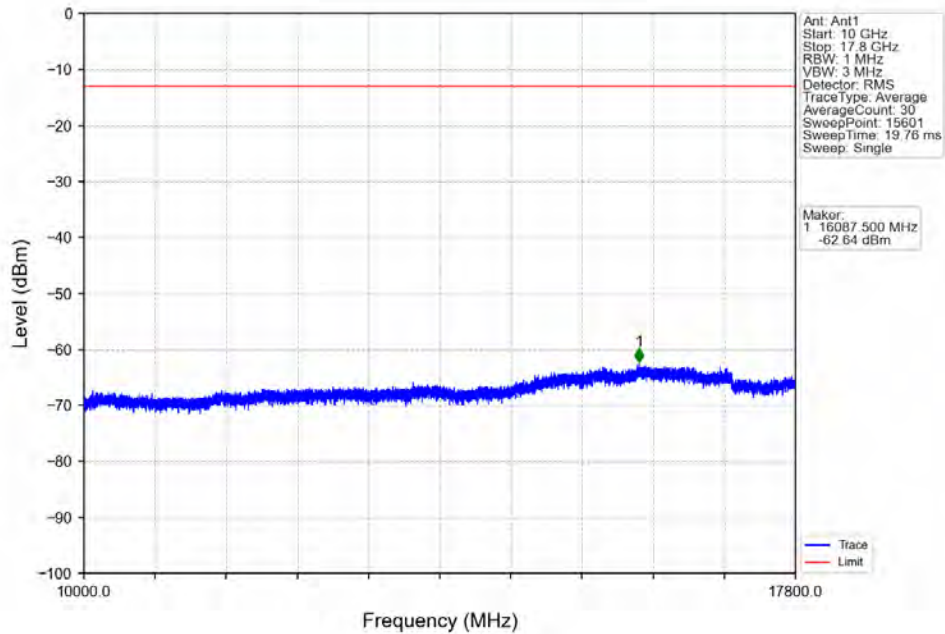
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



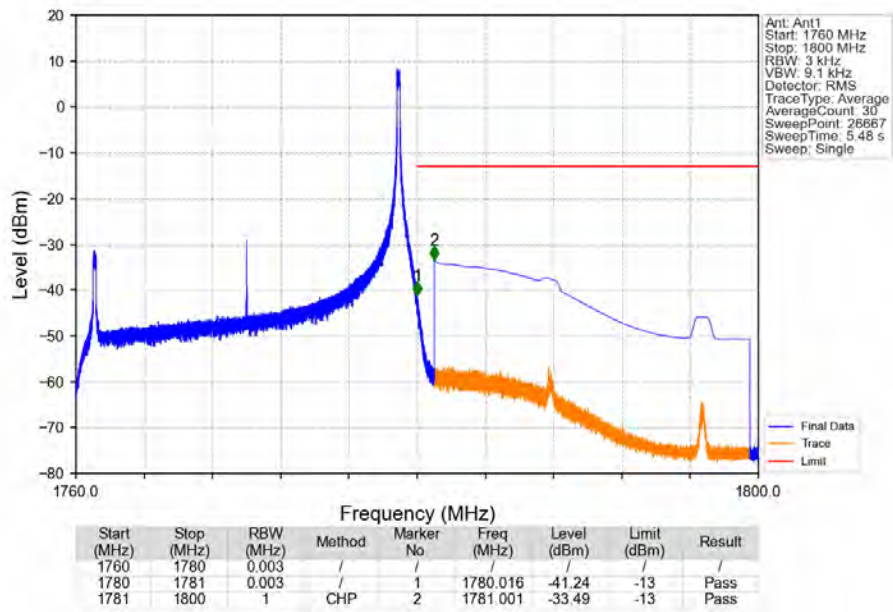
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



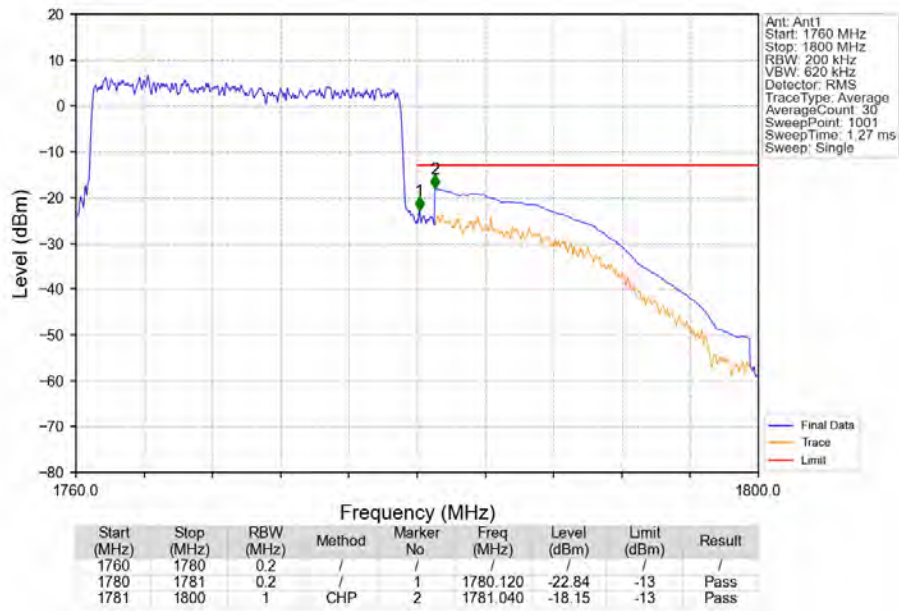
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



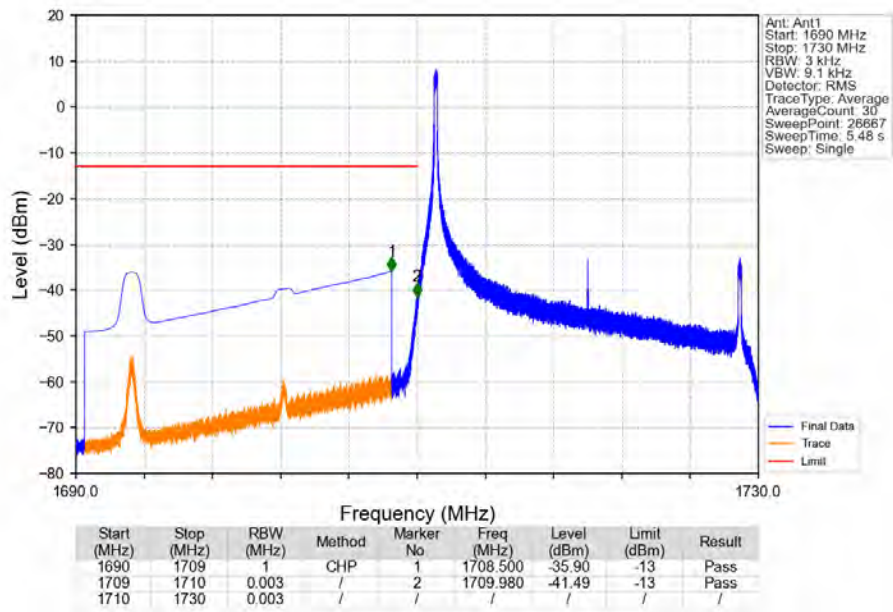
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



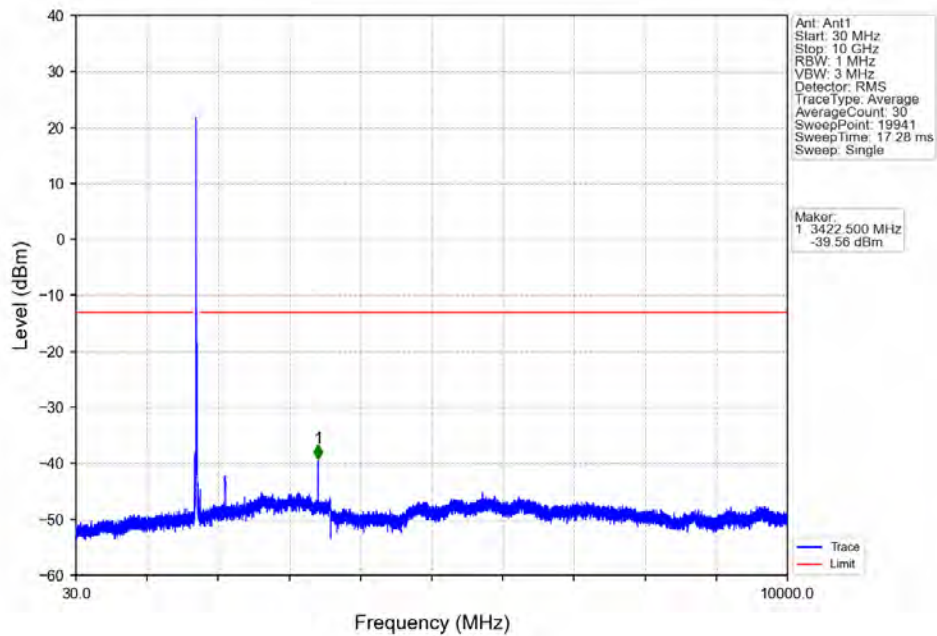
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



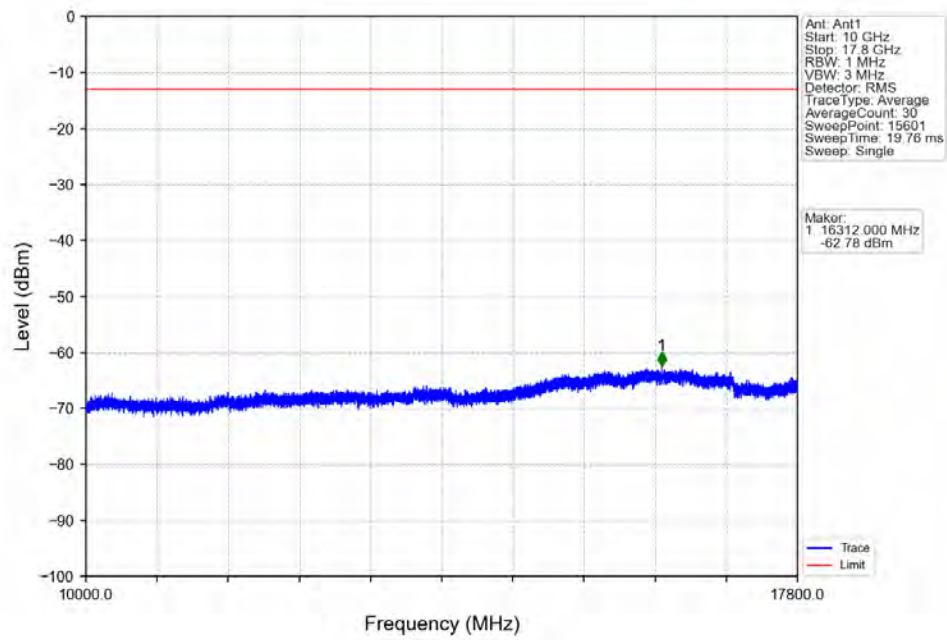
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



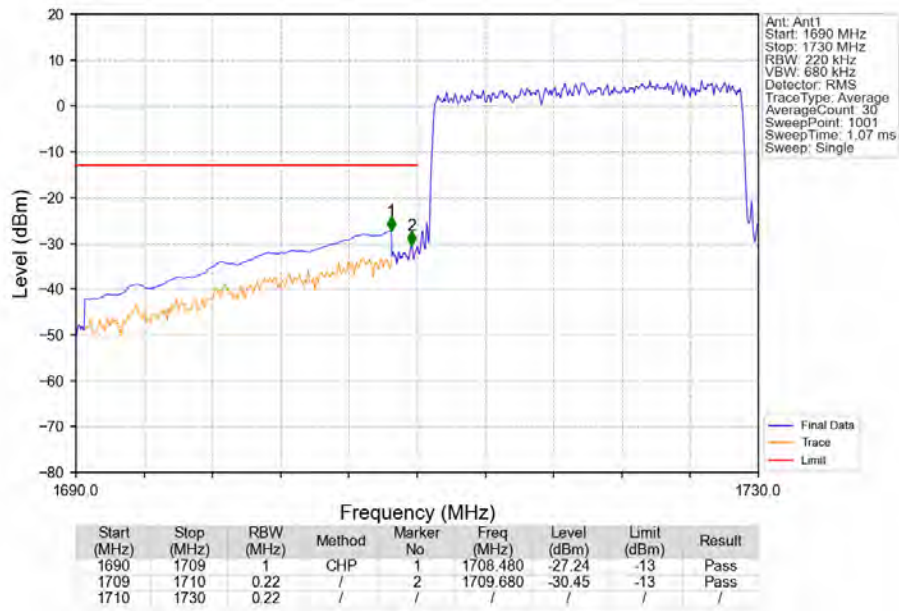
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



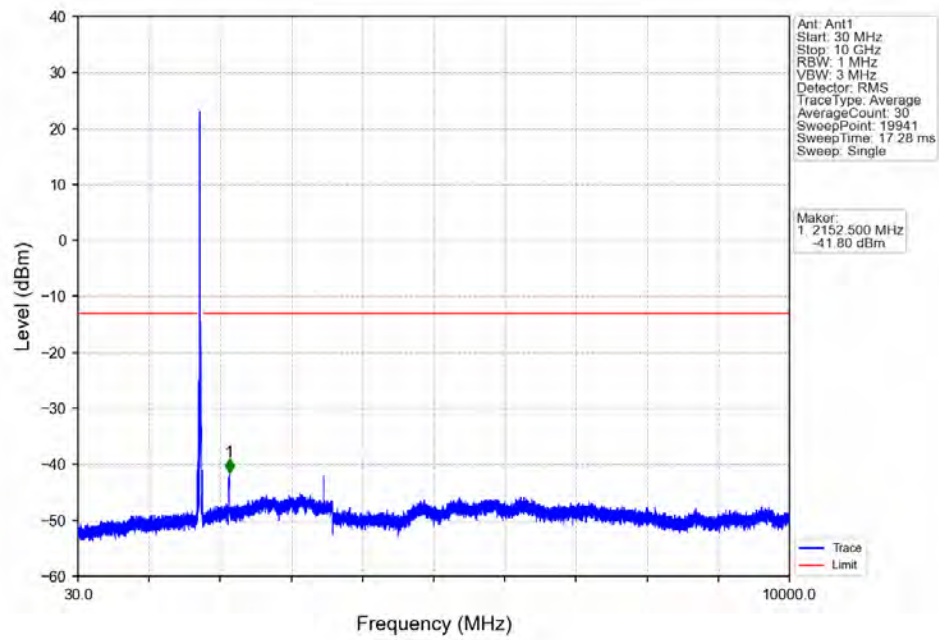
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



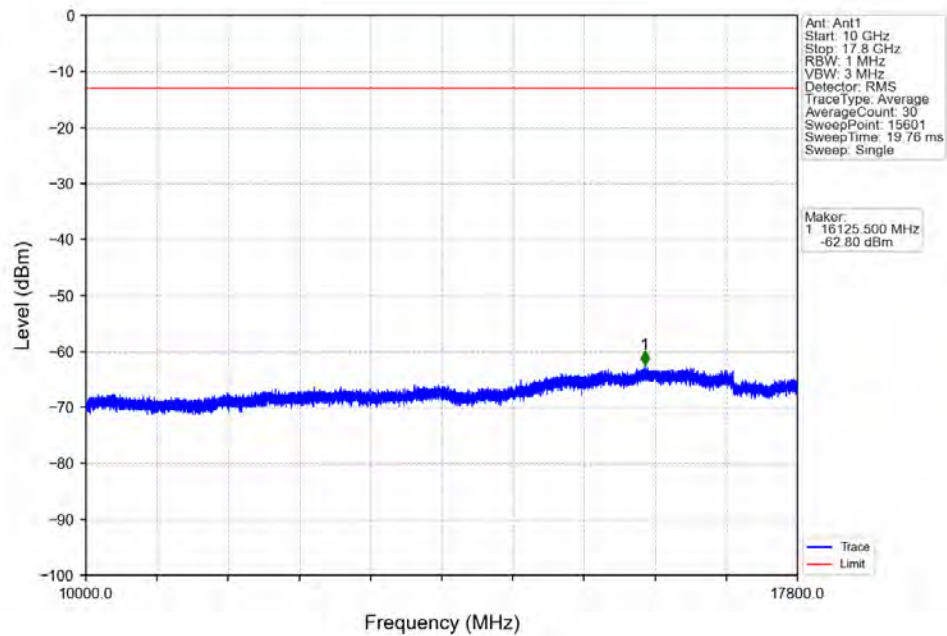
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



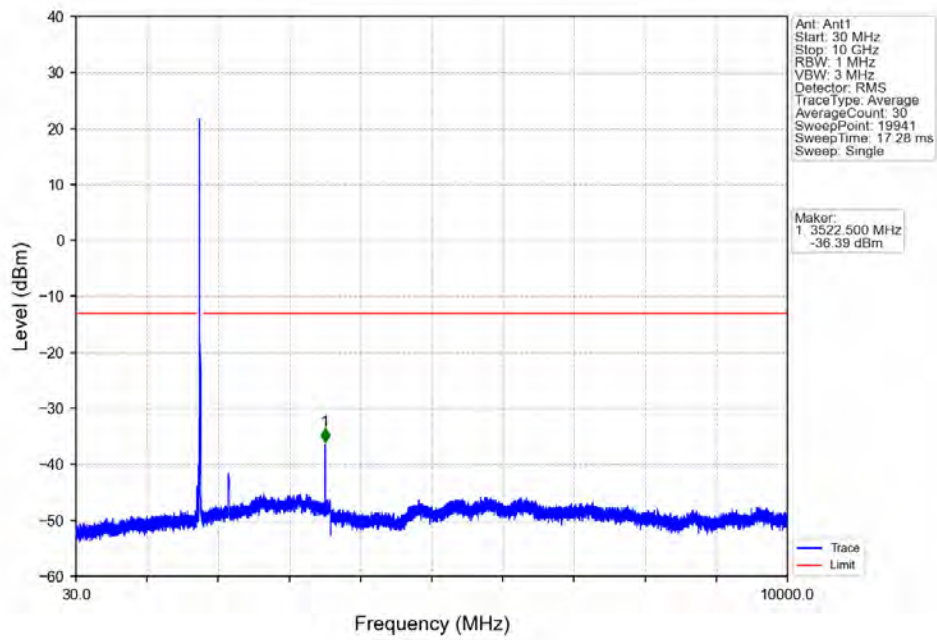
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



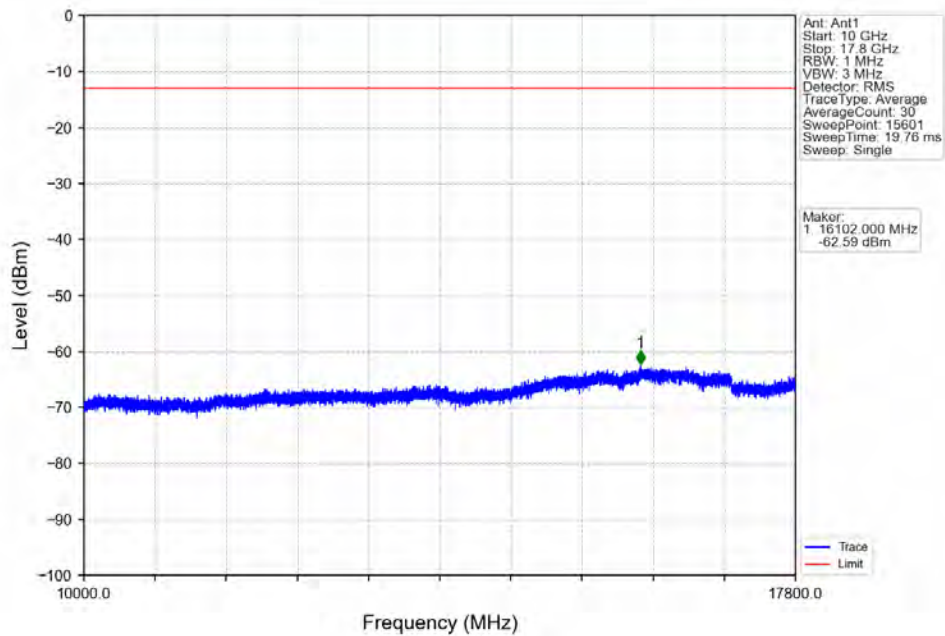
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



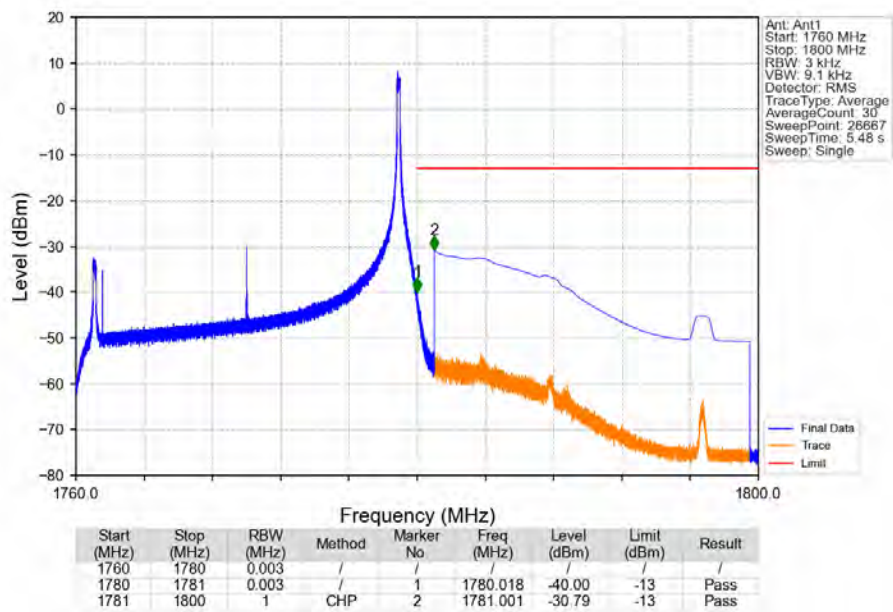
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



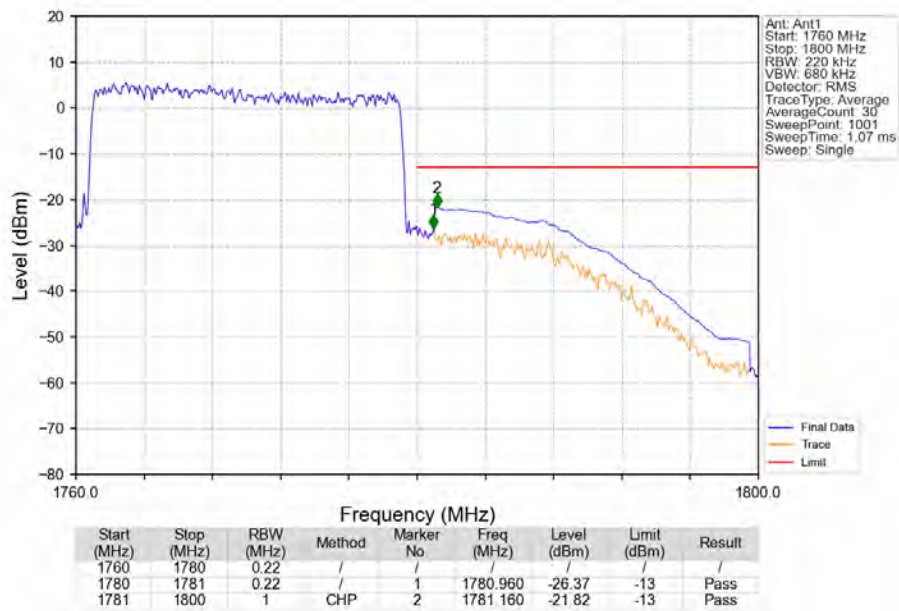
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



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	0.0817	0.0063	ppm	1M12G7D	27L	19.12
66	1.4	1710.7	1779.3	0.0716	0.0071	ppm	1M12W7D	27L	18.55
66	3	1711.5	1778.5	0.0752	0.0104	ppm	2M73G7D	27L	18.76
66	3	1711.5	1778.5	0.0627	0.0107	ppm	2M72W7D	27L	17.97
66	5	1712.5	1777.5	0.0684	0.0087	ppm	4M58G7D	27L	18.35
66	5	1712.5	1777.5	0.0538	0.0061	ppm	4M59W7D	27L	17.31
66	10	1715	1775	0.0697	0.0079	ppm	9M12G7D	27L	18.43
66	10	1715	1775	0.0604	0.0062	ppm	9M09W7D	27L	17.81
66	15	1717.5	1772.5	0.0653	0.0061	ppm	13M7G7D	27L	18.15
66	15	1717.5	1772.5	0.0525	0.0052	ppm	13M7W7D	27L	17.20
66	20	1720	1770	0.0643	0.0070	ppm	18M2G7D	27L	18.08
66	20	1720	1770	0.0521	0.0054	ppm	18M2W7D	27L	17.17

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	0.0520	0.0063	ppm	1M12G7D	27L	17.16
66	1.4	1710.7	1779.3	0.0456	0.0071	ppm	1M12W7D	27L	16.59
66	3	1711.5	1778.5	0.0479	0.0104	ppm	2M73G7D	27L	16.80
66	3	1711.5	1778.5	0.0399	0.0107	ppm	2M72W7D	27L	16.01
66	5	1712.5	1777.5	0.0436	0.0087	ppm	4M58G7D	27L	16.39
66	5	1712.5	1777.5	0.0343	0.0061	ppm	4M59W7D	27L	15.35
66	10	1715	1775	0.0444	0.0079	ppm	9M12G7D	27L	16.47
66	10	1715	1775	0.0385	0.0062	ppm	9M09W7D	27L	15.85
66	15	1717.5	1772.5	0.0416	0.0061	ppm	13M7G7D	27L	16.19
66	15	1717.5	1772.5	0.0334	0.0052	ppm	13M7W7D	27L	15.24
66	20	1720	1770	0.0409	0.0070	ppm	18M2G7D	27L	16.12
66	20	1720	1770	0.0332	0.0054	ppm	18M2W7D	27L	15.21