

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	22.78	-0.31	22.47	<=30	Pass
			2	22.96	-0.31	22.65	<=30	Pass
			5	22.90	-0.31	22.59	<=30	Pass
		3	0	22.82	-0.31	22.51	<=30	Pass
			2	22.92	-0.31	22.61	<=30	Pass
			3	22.90	-0.31	22.59	<=30	Pass
		6	0	21.96	-0.31	21.65	<=30	Pass
	1745	1	0	24.20	-0.31	23.89	<=30	Pass
			2	24.36	-0.31	24.05	<=30	Pass
			5	24.19	-0.31	23.88	<=30	Pass
		3	0	24.28	-0.31	23.97	<=30	Pass
			2	24.32	-0.31	24.01	<=30	Pass
			3	24.30	-0.31	23.99	<=30	Pass
		6	0	23.34	-0.31	23.03	<=30	Pass
	1779.3	1	0	23.17	-0.31	22.86	<=30	Pass
			2	23.31	-0.31	23.00	<=30	Pass
			5	23.08	-0.31	22.77	<=30	Pass
		3	0	23.25	-0.31	22.94	<=30	Pass
			2	23.27	-0.31	22.96	<=30	Pass
			3	23.23	-0.31	22.92	<=30	Pass
		6	0	22.21	-0.31	21.90	<=30	Pass
16QAM	1710.7	1	0	21.79	-0.31	21.48	<=30	Pass
			2	22.01	-0.31	21.70	<=30	Pass
			5	21.91	-0.31	21.60	<=30	Pass
		3	0	21.73	-0.31	21.42	<=30	Pass
			2	21.83	-0.31	21.52	<=30	Pass
			3	21.83	-0.31	21.52	<=30	Pass
		6	0	20.81	-0.31	20.50	<=30	Pass
	1745	1	0	23.13	-0.31	22.82	<=30	Pass
			2	23.32	-0.31	23.01	<=30	Pass
			5	23.14	-0.31	22.83	<=30	Pass
		3	0	23.13	-0.31	22.82	<=30	Pass
			2	23.11	-0.31	22.80	<=30	Pass
			3	23.10	-0.31	22.79	<=30	Pass
		6	0	22.35	-0.31	22.04	<=30	Pass
	1779.3	1	0	22.44	-0.31	22.13	<=30	Pass
			2	22.63	-0.31	22.32	<=30	Pass
			5	22.38	-0.31	22.07	<=30	Pass
		3	0	22.28	-0.31	21.97	<=30	Pass
			2	22.25	-0.31	21.94	<=30	Pass
			3	22.22	-0.31	21.91	<=30	Pass
		6	0	21.27	-0.31	20.96	<=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	22.81	-0.31	22.50	<=30	Pass
			7	23.27	-0.31	22.96	<=30	Pass
			14	23.11	-0.31	22.80	<=30	Pass
		8	0	21.98	-0.31	21.67	<=30	Pass
			4	22.13	-0.31	21.82	<=30	Pass
			7	22.13	-0.31	21.82	<=30	Pass
		15	0	21.97	-0.31	21.66	<=30	Pass
	1745	1	0	24.30	-0.31	23.99	<=30	Pass
			7	24.56	-0.31	24.25	<=30	Pass
			14	24.27	-0.31	23.96	<=30	Pass
		8	0	23.38	-0.31	23.07	<=30	Pass
			4	23.37	-0.31	23.06	<=30	Pass
			7	23.32	-0.31	23.01	<=30	Pass
	15	0	23.30	-0.31	22.99	<=30	Pass	
	1778.5	1	0	23.19	-0.31	22.88	<=30	Pass
			7	23.41	-0.31	23.10	<=30	Pass
			14	23.10	-0.31	22.79	<=30	Pass
		8	0	22.27	-0.31	21.96	<=30	Pass
			4	22.24	-0.31	21.93	<=30	Pass
			7	22.19	-0.31	21.88	<=30	Pass
		15	0	22.22	-0.31	21.91	<=30	Pass
16QAM	1711.5	1	0	21.89	-0.31	21.58	<=30	Pass
			7	22.24	-0.31	21.93	<=30	Pass
			14	22.16	-0.31	21.85	<=30	Pass
		8	0	20.91	-0.31	20.60	<=30	Pass
			4	21.03	-0.31	20.72	<=30	Pass
			7	21.09	-0.31	20.78	<=30	Pass
		15	0	20.89	-0.31	20.58	<=30	Pass
	1745	1	0	23.22	-0.31	22.91	<=30	Pass
			7	23.42	-0.31	23.11	<=30	Pass
			14	23.16	-0.31	22.85	<=30	Pass
		8	0	22.37	-0.31	22.06	<=30	Pass
			4	22.37	-0.31	22.06	<=30	Pass
			7	22.32	-0.31	22.01	<=30	Pass
	15	0	22.21	-0.31	21.90	<=30	Pass	
	1778.5	1	0	22.47	-0.31	22.16	<=30	Pass
			7	22.63	-0.31	22.32	<=30	Pass
			14	22.26	-0.31	21.95	<=30	Pass
		8	0	21.23	-0.31	20.92	<=30	Pass
			4	21.23	-0.31	20.92	<=30	Pass
			7	21.18	-0.31	20.87	<=30	Pass
		15	0	21.16	-0.31	20.85	<=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	22.69	-0.31	22.38	<=30	Pass
			13	23.13	-0.31	22.82	<=30	Pass
			24	23.19	-0.31	22.88	<=30	Pass

		12	0	21.91	-0.31	21.60	<=30	Pass		
			6	22.12	-0.31	21.81	<=30	Pass		
			13	22.19	-0.31	21.88	<=30	Pass		
		25	0	22.08	-0.31	21.77	<=30	Pass		
			1745	1	0	24.11	-0.31	23.80	<=30	Pass
					13	24.20	-0.31	23.89	<=30	Pass
		24			24.01	-0.31	23.70	<=30	Pass	
		12		0	23.17	-0.31	22.86	<=30	Pass	
				6	23.19	-0.31	22.88	<=30	Pass	
	13			23.09	-0.31	22.78	<=30	Pass		
	25	0	23.17	-0.31	22.86	<=30	Pass			
	1777.5	1	0	23.11	-0.31	22.80	<=30	Pass		
			13	23.13	-0.31	22.82	<=30	Pass		
			24	22.93	-0.31	22.62	<=30	Pass		
			12	0	22.14	-0.31	21.83	<=30	Pass	
				6	22.17	-0.31	21.86	<=30	Pass	
				13	22.03	-0.31	21.72	<=30	Pass	
		25	0	22.15	-0.31	21.84	<=30	Pass		
		16QAM	1712.5	1	0	21.80	-0.31	21.49	<=30	Pass
					13	22.23	-0.31	21.92	<=30	Pass
	24				22.34	-0.31	22.03	<=30	Pass	
12	0			20.93	-0.31	20.62	<=30	Pass		
	6			21.14	-0.31	20.83	<=30	Pass		
	13			21.19	-0.31	20.88	<=30	Pass		
25	0			21.03	-0.31	20.72	<=30	Pass		
1745	1			0	23.22	-0.31	22.91	<=30	Pass	
				13	23.31	-0.31	23.00	<=30	Pass	
			24	23.15	-0.31	22.84	<=30	Pass		
	12		0	22.26	-0.31	21.95	<=30	Pass		
			6	22.26	-0.31	21.95	<=30	Pass		
			13	22.12	-0.31	21.81	<=30	Pass		
25	0		22.21	-0.31	21.90	<=30	Pass			
1777.5	1		0	22.19	-0.31	21.88	<=30	Pass		
			13	22.27	-0.31	21.96	<=30	Pass		
			24	22.02	-0.31	21.71	<=30	Pass		
	12		0	21.09	-0.31	20.78	<=30	Pass		
			6	21.19	-0.31	20.88	<=30	Pass		
		13	21.07	-0.31	20.76	<=30	Pass			
	25	0	21.13	-0.31	20.82	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.84	-0.31	22.53	<=30	Pass
			25	23.53	-0.31	23.22	<=30	Pass
			49	23.75	-0.31	23.44	<=30	Pass
		25	0	22.25	-0.31	21.94	<=30	Pass
			13	22.47	-0.31	22.16	<=30	Pass
			25	22.70	-0.31	22.39	<=30	Pass
		50	0	22.50	-0.31	22.19	<=30	Pass
	1745	1	0	24.23	-0.31	23.92	<=30	Pass
			25	24.30	-0.31	23.99	<=30	Pass

			49	24.11	-0.31	23.80	<=30	Pass		
		25	0	23.37	-0.31	23.06	<=30	Pass		
			13	23.28	-0.31	22.97	<=30	Pass		
			25	23.20	-0.31	22.89	<=30	Pass		
		50	0	23.28	-0.31	22.97	<=30	Pass		
	1775	1	0	23.39	-0.31	23.08	<=30	Pass		
			25	23.37	-0.31	23.06	<=30	Pass		
			49	23.05	-0.31	22.74	<=30	Pass		
		25	0	22.47	-0.31	22.16	<=30	Pass		
			13	22.38	-0.31	22.07	<=30	Pass		
			25	22.31	-0.31	22.00	<=30	Pass		
		50	0	22.38	-0.31	22.07	<=30	Pass		
		16QAM	1715	1	0	21.89	-0.31	21.58	<=30	Pass
					25	22.64	-0.31	22.33	<=30	Pass
49	22.93				-0.31	22.62	<=30	Pass		
25	0			21.25	-0.31	20.94	<=30	Pass		
	13			21.49	-0.31	21.18	<=30	Pass		
	25			21.74	-0.31	21.43	<=30	Pass		
50	0		21.51	-0.31	21.20	<=30	Pass			
1745	1		0	23.17	-0.31	22.86	<=30	Pass		
			25	23.26	-0.31	22.95	<=30	Pass		
			49	23.01	-0.31	22.70	<=30	Pass		
	25		0	22.39	-0.31	22.08	<=30	Pass		
			13	22.31	-0.31	22.00	<=30	Pass		
			25	22.20	-0.31	21.89	<=30	Pass		
50	0	22.26	-0.31	21.95	<=30	Pass				
1775	1	0	22.63	-0.31	22.32	<=30	Pass			
		25	22.59	-0.31	22.28	<=30	Pass			
		49	22.30	-0.31	21.99	<=30	Pass			
	25	0	21.44	-0.31	21.13	<=30	Pass			
		13	21.37	-0.31	21.06	<=30	Pass			
		25	21.29	-0.31	20.98	<=30	Pass			
	50	0	21.41	-0.31	21.10	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

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	22.84	-0.31	22.53	<=30	Pass
			38	23.66	-0.31	23.35	<=30	Pass
			74	24.00	-0.31	23.69	<=30	Pass
		36	0	22.38	-0.31	22.07	<=30	Pass
			18	22.73	-0.31	22.42	<=30	Pass
			39	23.07	-0.31	22.76	<=30	Pass
		75	0	22.75	-0.31	22.44	<=30	Pass
	1745	1	0	24.19	-0.31	23.88	<=30	Pass
			38	24.22	-0.31	23.91	<=30	Pass
			74	24.01	-0.31	23.70	<=30	Pass
		36	0	23.40	-0.31	23.09	<=30	Pass
			18	23.34	-0.31	23.03	<=30	Pass
			39	23.18	-0.31	22.87	<=30	Pass
		75	0	23.36	-0.31	23.05	<=30	Pass
	1772.5	1	0	23.53	-0.31	23.22	<=30	Pass

			38	23.32	-0.31	23.01	<=30	Pass		
			74	22.97	-0.31	22.66	<=30	Pass		
		36	0	22.49	-0.31	22.18	<=30	Pass		
			18	22.42	-0.31	22.11	<=30	Pass		
			39	22.31	-0.31	22.00	<=30	Pass		
		75	0	22.41	-0.31	22.10	<=30	Pass		
16QAM	1717.5	1	0	21.99	-0.31	21.68	<=30	Pass		
			38	22.90	-0.31	22.59	<=30	Pass		
			74	23.26	-0.31	22.95	<=30	Pass		
		36	0	21.38	-0.31	21.07	<=30	Pass		
			18	21.73	-0.31	21.42	<=30	Pass		
			39	22.06	-0.31	21.75	<=30	Pass		
		75	0	21.74	-0.31	21.43	<=30	Pass		
		1745	1	0	23.13	-0.31	22.82	<=30	Pass	
				38	23.14	-0.31	22.83	<=30	Pass	
	74			22.91	-0.31	22.60	<=30	Pass		
	36		0	22.29	-0.31	21.98	<=30	Pass		
			18	22.28	-0.31	21.97	<=30	Pass		
			39	22.14	-0.31	21.83	<=30	Pass		
	75		0	22.28	-0.31	21.97	<=30	Pass		
	1772.5		1	0	22.77	-0.31	22.46	<=30	Pass	
				38	22.62	-0.31	22.31	<=30	Pass	
		74		22.28	-0.31	21.97	<=30	Pass		
		36	0	21.49	-0.31	21.18	<=30	Pass		
			18	21.44	-0.31	21.13	<=30	Pass		
			39	21.29	-0.31	20.98	<=30	Pass		
		75	0	21.36	-0.31	21.05	<=30	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.78	-0.31	22.47	<=30	Pass
			50	24.03	-0.31	23.72	<=30	Pass
			99	24.04	-0.31	23.73	<=30	Pass
		50	0	22.46	-0.31	22.15	<=30	Pass
			25	22.91	-0.31	22.60	<=30	Pass
			50	23.31	-0.31	23.00	<=30	Pass
		100	0	22.93	-0.31	22.62	<=30	Pass
	1745	1	0	23.92	-0.31	23.61	<=30	Pass
			50	24.20	-0.31	23.89	<=30	Pass
			99	23.60	-0.31	23.29	<=30	Pass
		50	0	23.31	-0.31	23.00	<=30	Pass
			25	23.26	-0.31	22.95	<=30	Pass
			50	23.06	-0.31	22.75	<=30	Pass
		100	0	23.21	-0.31	22.90	<=30	Pass
	1770	1	0	23.54	-0.31	23.23	<=30	Pass
			50	23.62	-0.31	23.31	<=30	Pass
			99	22.90	-0.31	22.59	<=30	Pass
		50	0	22.60	-0.31	22.29	<=30	Pass
			25	22.53	-0.31	22.22	<=30	Pass
			50	22.35	-0.31	22.04	<=30	Pass
		100	0	22.45	-0.31	22.14	<=30	Pass

16QAM	1720	1	0	21.69	-0.31	21.38	<=30	Pass
			50	23.07	-0.31	22.76	<=30	Pass
			99	23.16	-0.31	22.85	<=30	Pass
		50	0	21.48	-0.31	21.17	<=30	Pass
			25	21.94	-0.31	21.63	<=30	Pass
			50	22.33	-0.31	22.02	<=30	Pass
		100	0	21.94	-0.31	21.63	<=30	Pass
	1745	1	0	23.14	-0.31	22.83	<=30	Pass
			50	23.36	-0.31	23.05	<=30	Pass
			99	22.85	-0.31	22.54	<=30	Pass
		50	0	22.38	-0.31	22.07	<=30	Pass
			25	22.32	-0.31	22.01	<=30	Pass
			50	22.14	-0.31	21.83	<=30	Pass
		100	0	22.22	-0.31	21.91	<=30	Pass
	1770	1	0	22.70	-0.31	22.39	<=30	Pass
			50	22.81	-0.31	22.50	<=30	Pass
			99	22.04	-0.31	21.73	<=30	Pass
		50	0	21.57	-0.31	21.26	<=30	Pass
			25	21.54	-0.31	21.23	<=30	Pass
			50	21.38	-0.31	21.07	<=30	Pass
		100	0	21.44	-0.31	21.13	<=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	-16.336	-0.0095	-2.5 to 2.5	Pass
					3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.289	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.221	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-10.014	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-10.457	-0.0061	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-12.145	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
					4.43	-13.361	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-20	3.85	4.234	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-8.712	-0.0050	-2.5 to 2.5	Pass
				30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				40	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-8.354	-0.0047	-2.5 to 2.5	Pass
					3.85	-2.117	-0.0012	-2.5 to 2.5	Pass

					4.43	-6.223	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-10.757	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-12.002	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	4.563	0.0026	-2.5 to 2.5	Pass
				0	3.85	-7.939	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-9.470	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-4.821	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-5.207	-0.0029	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-2.604	-0.0015	-2.5 to 2.5	Pass
					3.85	-8.583	-0.0050	-2.5 to 2.5	Pass
					4.43	-4.277	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-8.082	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0035	-2.5 to 2.5	Pass
				0	3.85	3.777	0.0022	-2.5 to 2.5	Pass
				10	3.85	2.160	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.802	0.0011	-2.5 to 2.5	Pass
				40	3.85	-9.971	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-53.058	-0.0310	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	0.100	0.0001	-2.5 to 2.5	Pass
					4.43	-4.563	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-9.584	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	4.263	0.0024	-2.5 to 2.5	Pass
				0	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-6.380	-0.0036	-2.5 to 2.5	Pass
					3.85	-0.043	0.0000	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-10.328	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-10.085	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-10.328	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-8.655	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-10.958	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-4.663	-0.0026	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-4.964	-0.0029	-2.5 to 2.5	Pass
					3.85	-11.787	-0.0069	-2.5 to 2.5	Pass
					4.43	-9.170	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-15.020	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-9.742	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-13.061	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-11.272	-0.0066	-2.5 to 2.5	Pass

				10	3.85	-16.952	-0.0099	-2.5 to 2.5	Pass
				30	3.85	6.967	0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-7.982	-0.0047	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	0.629	0.0004	-2.5 to 2.5	Pass
					3.85	1.774	0.0010	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.920	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				50	3.85	0.057	0.0000	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-11.730	-0.0066	-2.5 to 2.5	Pass
					3.85	-12.245	-0.0069	-2.5 to 2.5	Pass
					4.43	-5.479	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-11.888	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-9.713	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-11.215	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-8.426	-0.0047	-2.5 to 2.5	Pass
				50	3.85	3.562	0.0020	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-10.858	-0.0063	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
					4.43	30.298	0.0177	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-10.643	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0043	-2.5 to 2.5	Pass
				10	3.85	4.549	0.0027	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-10.114	-0.0059	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-5.393	-0.0031	-2.5 to 2.5	Pass
					3.85	-7.181	-0.0041	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.851	-0.0034	-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	-9.785	-0.0055	-2.5 to 2.5	Pass
					3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.963	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-10.400	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-11.759	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-7.453	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-9.241	-0.0052	-2.5 to 2.5	Pass
				50	3.85	2.232	0.0013	-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	-2.303	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
					4.43	-4.735	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-6.967	-0.0041	-2.5 to 2.5	Pass
					3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-4.263	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.705	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-9.828	-0.0056	-2.5 to 2.5	Pass
					3.85	2.718	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-8.569	-0.0049	-2.5 to 2.5	Pass
				0	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-7.911	-0.0045	-2.5 to 2.5	Pass
					3.85	-10.071	-0.0057	-2.5 to 2.5	Pass
					4.43	-3.576	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0022	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	3.176	0.0018	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.939	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-7.010	-0.0041	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
					4.43	-8.426	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-8.898	-0.0052	-2.5 to 2.5	Pass
					3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-8.483	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				40	3.85	3.462	0.0020	-2.5 to 2.5	Pass
				50	3.85	-8.454	-0.0049	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-6.480	-0.0037	-2.5 to 2.5	Pass
					3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-12.002	-0.0069	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass

				-10	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-11.845	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				50	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-2.074	-0.0012	-2.5 to 2.5	Pass
					3.85	1.144	0.0006	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
				0	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				10	3.85	-4.177	-0.0023	-2.5 to 2.5	Pass
				30	3.85	6.394	0.0036	-2.5 to 2.5	Pass
				40	3.85	-8.483	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-6.595	-0.0037	-2.5 to 2.5	Pass

2.4 B66_10MHz

2.4.1 Test Result

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-11.158	-0.0065	-2.5 to 2.5	Pass
					3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-3.018	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.920	-0.0022	-2.5 to 2.5	Pass
					3.85	0.186	0.0001	-2.5 to 2.5	Pass
					4.43	-10.972	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-1.287	-0.0007	-2.5 to 2.5	Pass
					3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.048	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass

16QAM	1715	50	0	50	3.85	-10.529	-0.0059	-2.5 to 2.5	Pass
				20	3.27	-4.549	-0.0027	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
					4.43	-3.934	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-4.037	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-7.653	-0.0045	-2.5 to 2.5	Pass
	1745	50	0	40	3.85	-9.542	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-9.513	-0.0055	-2.5 to 2.5	Pass
				20	3.27	-2.232	-0.0013	-2.5 to 2.5	Pass
					3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
					4.43	2.646	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
	1775	50	0	30	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-7.453	-0.0042	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0032	-2.5 to 2.5	Pass
				30	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.848	-0.0022	-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	-7.596	-0.0044	-2.5 to 2.5	Pass
					3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-7.668	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-8.826	-0.0051	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.831	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass

				-20	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				30	3.85	3.319	0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-2.003	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.981	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-7.410	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-5.550	-0.0031	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-11.830	-0.0069	-2.5 to 2.5	Pass
					3.85	-9.770	-0.0057	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-10.500	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-9.727	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-8.626	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-7.896	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-12.846	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-6.137	-0.0036	-2.5 to 2.5	Pass
	1745	75	0	50	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				20	3.27	-6.766	-0.0039	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
					4.43	-4.807	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-8.640	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-9.613	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
	1772.5	75	0	40	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				20	3.27	-1.431	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-10.557	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-7.496	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-6.866	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-10.014	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-10.343	-0.0058	-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	-7.710	-0.0045	-2.5 to 2.5	Pass
					3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.777	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-8.526	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-10.815	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-7.153	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-7.353	-0.0043	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.307	-0.0030	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
					4.43	-9.670	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-7.839	-0.0045	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.921	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.405	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.386	0.0002	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-2.861	-0.0017	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
					4.43	-8.554	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-10.157	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-6.137	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-10.729	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-9.198	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-7.854	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-8.783	-0.0051	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.144	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-9.313	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-7.439	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-6.466	-0.0037	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0032	-2.5 to 2.5	Pass

					4.43	-3.619	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.047	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				50	3.85	1.230	0.0007	-2.5 to 2.5	Pass

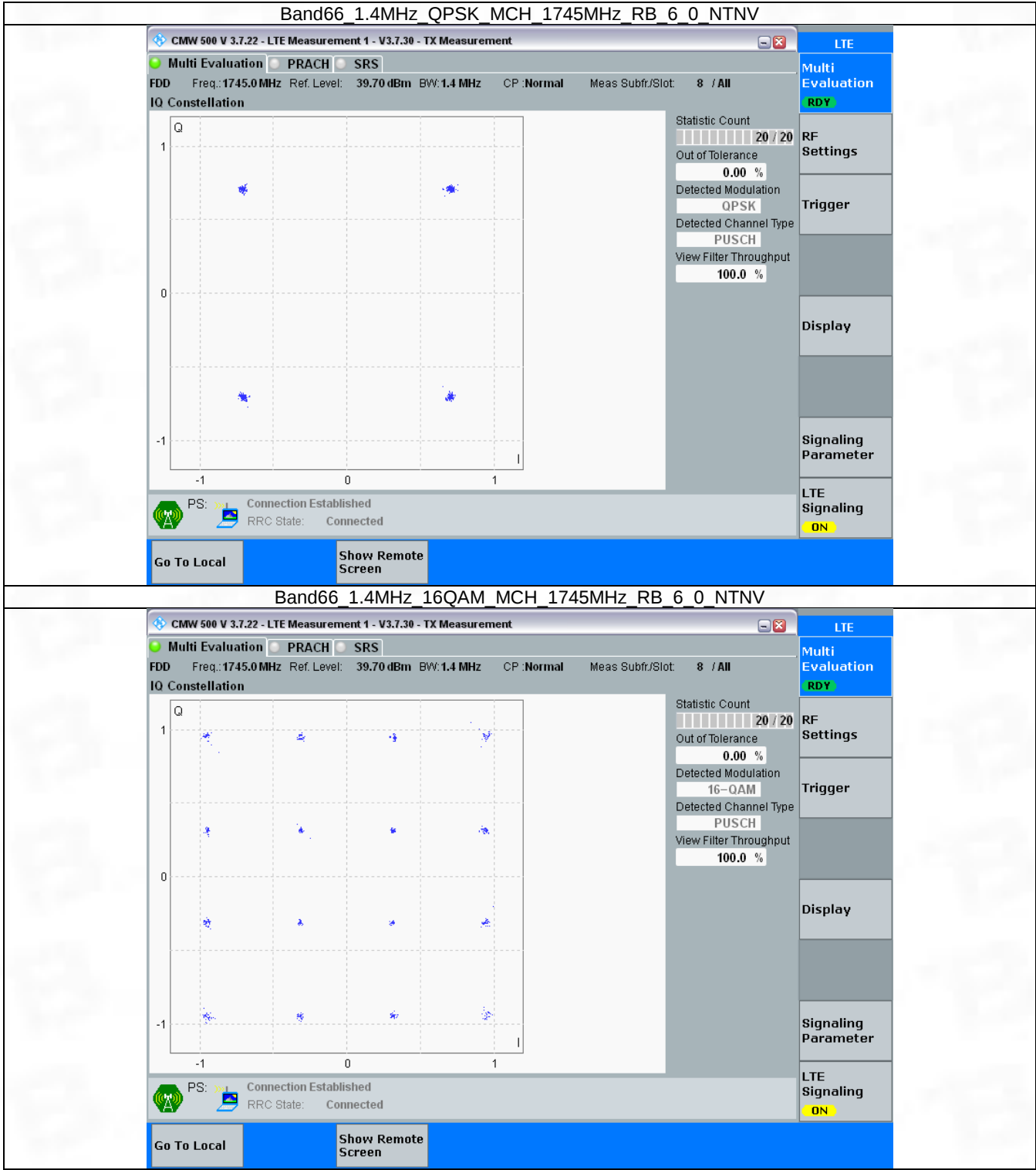
3. Modulation Characteristics

3.1 B66_1.4MHz

3.1.1 Test Result

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

3.1.2 Test Graph

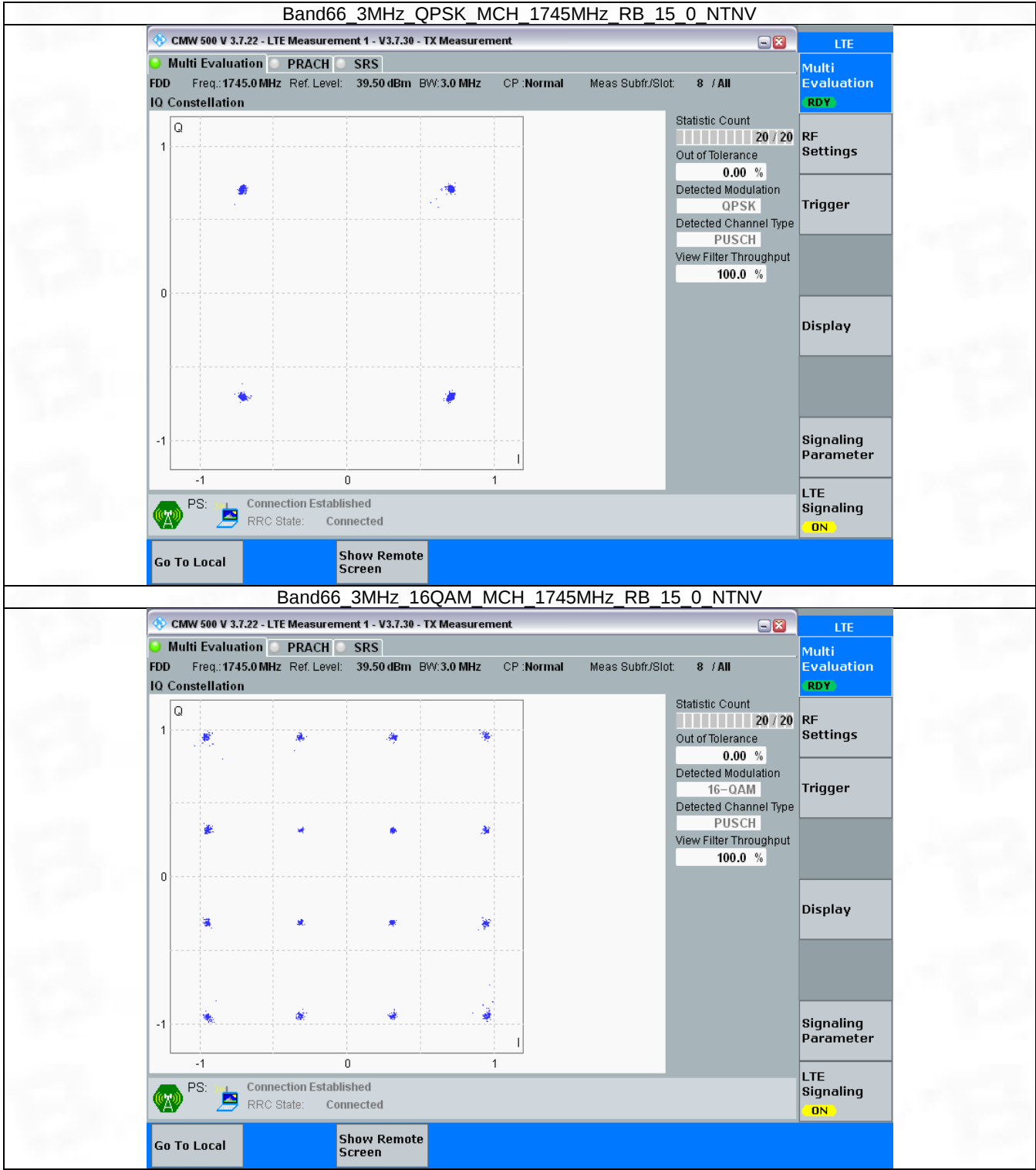


3.2 B66_3MHz

3.2.1 Test Result

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

3.2.2 Test Graph

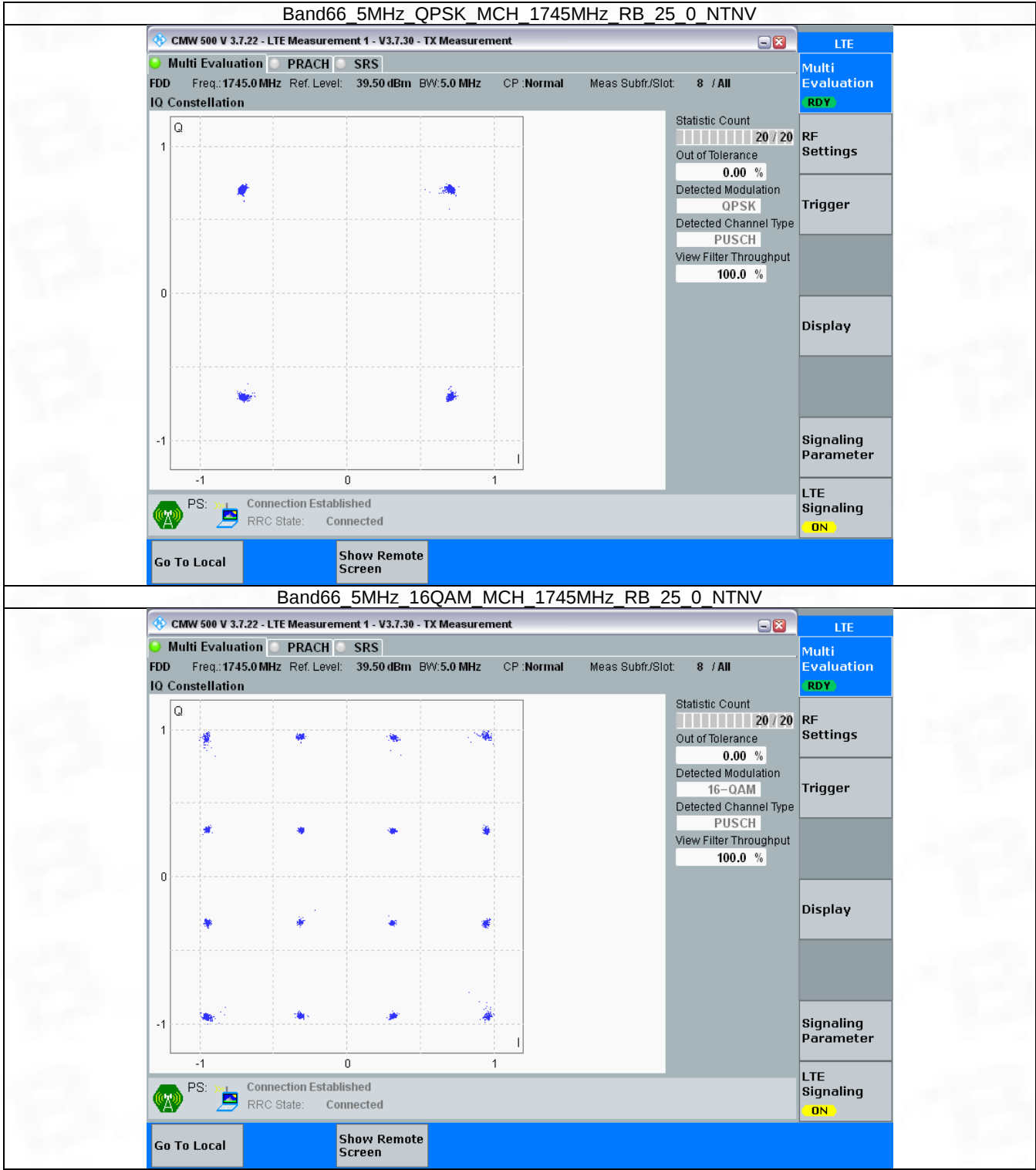


3.3 B66_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

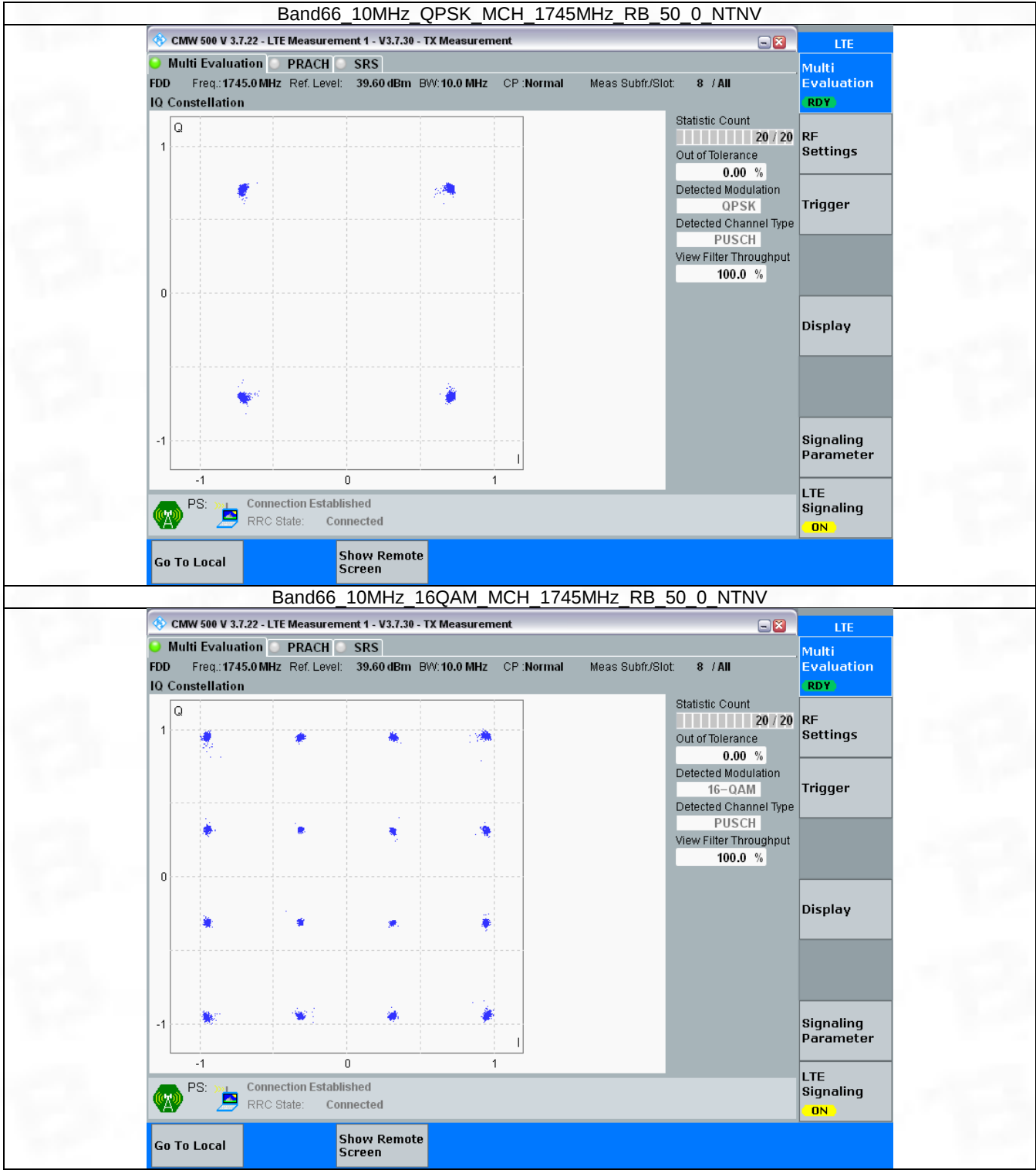


3.4 B66_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph

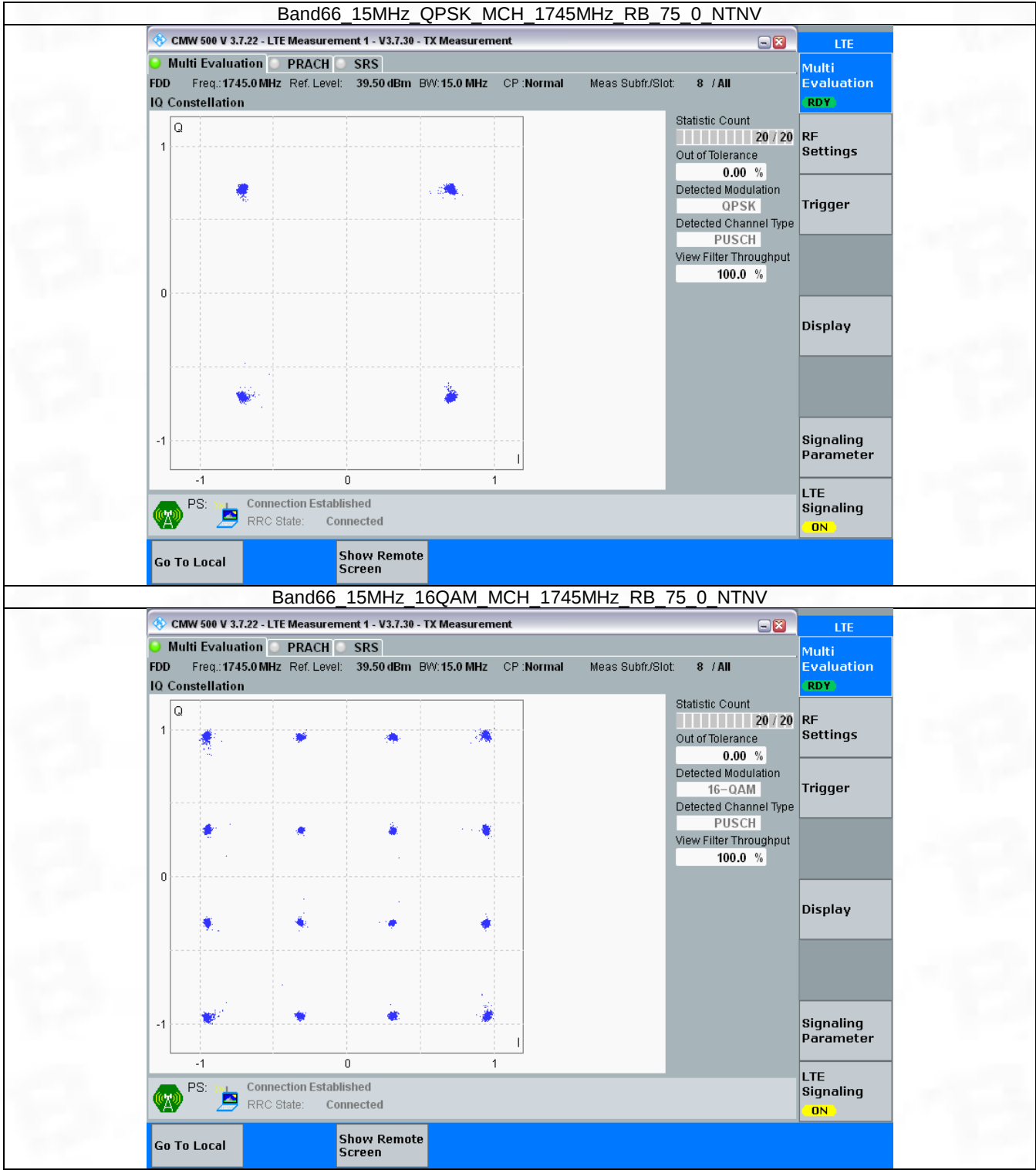


3.5 B66_15MHz

3.5.1 Test Result

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

3.5.2 Test Graph

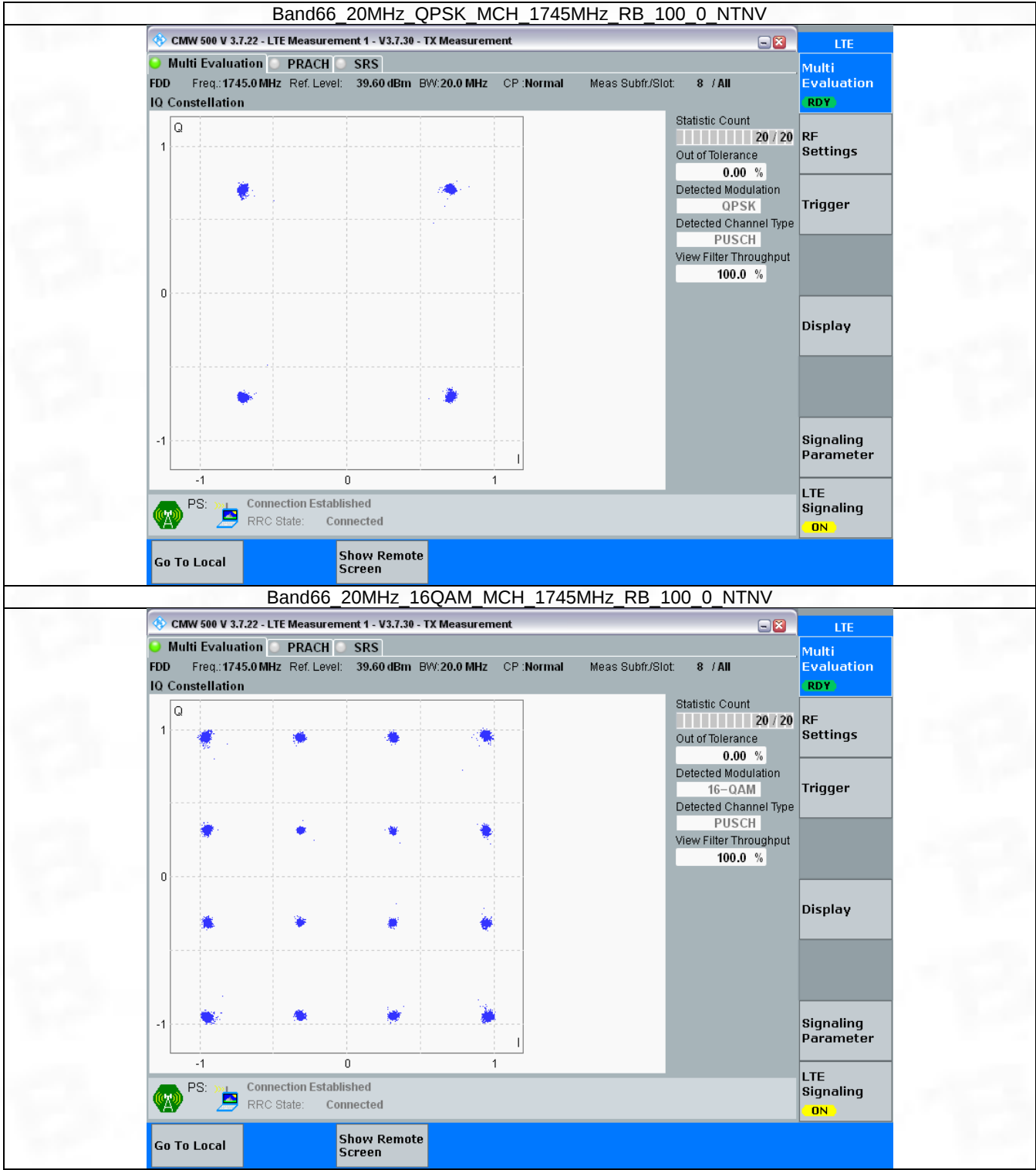


3.6 B66_20MHz

3.6.1 Test Result

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

3.6.2 Test Graph



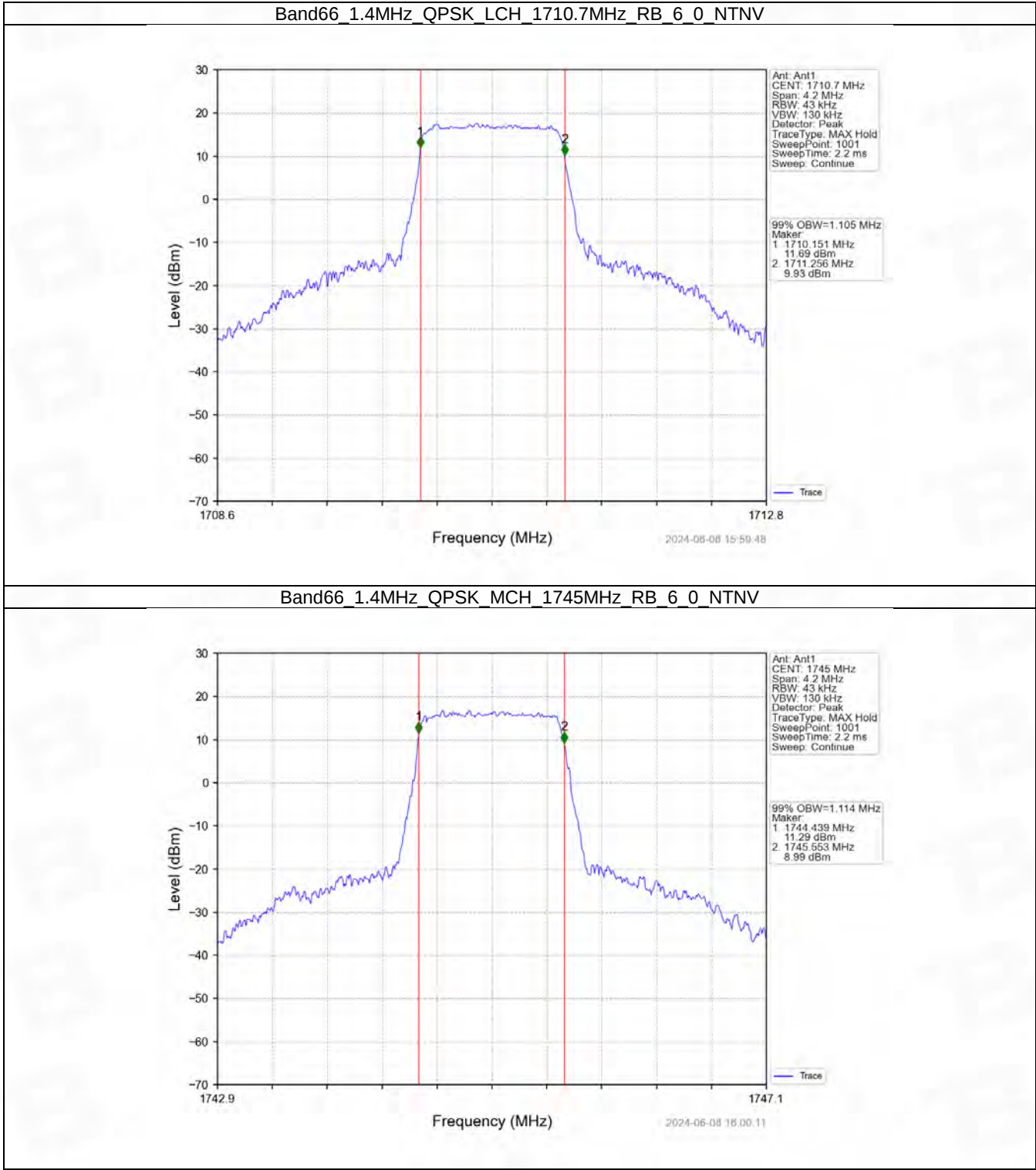
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

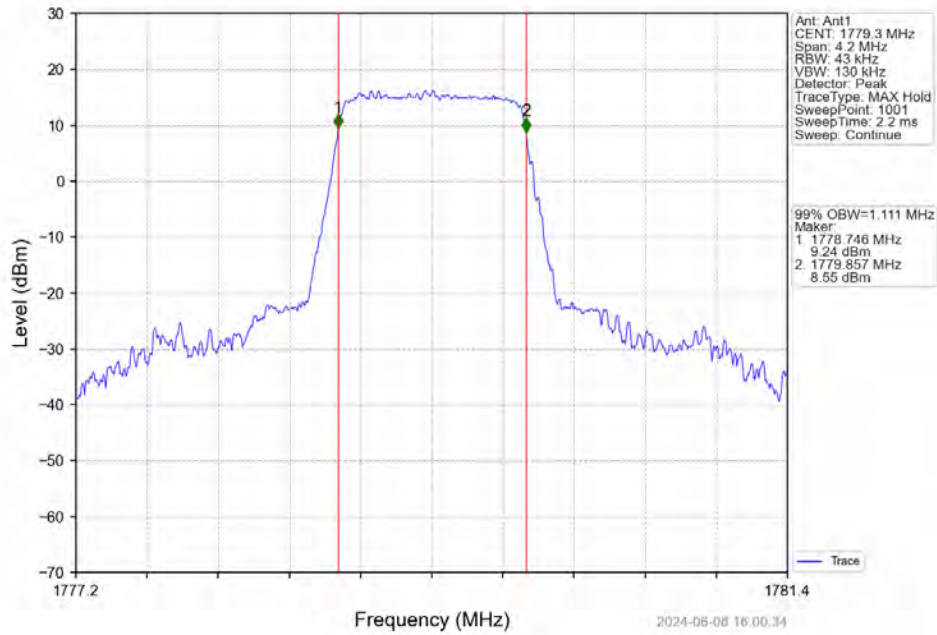
4.1.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.105	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.112	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.105	/	Pass
3	QPSK	1711.5	15	0	2.733	/	Pass
		1745	15	0	2.723	/	Pass
		1778.5	15	0	2.718	/	Pass
	16QAM	1711.5	15	0	2.718	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.723	/	Pass
5	QPSK	1712.5	25	0	4.577	/	Pass
		1745	25	0	4.564	/	Pass
		1777.5	25	0	4.563	/	Pass
	16QAM	1712.5	25	0	4.593	/	Pass
		1745	25	0	4.586	/	Pass
		1777.5	25	0	4.548	/	Pass
10	QPSK	1715	50	0	9.114	/	Pass
		1745	50	0	9.069	/	Pass
		1775	50	0	9.105	/	Pass
	16QAM	1715	50	0	9.108	/	Pass
		1745	50	0	9.089	/	Pass
		1775	50	0	9.096	/	Pass
15	QPSK	1717.5	75	0	13.640	/	Pass
		1745	75	0	13.579	/	Pass
		1772.5	75	0	13.643	/	Pass
	16QAM	1717.5	75	0	13.641	/	Pass
		1745	75	0	13.638	/	Pass
		1772.5	75	0	13.647	/	Pass
20	QPSK	1720	100	0	18.180	/	Pass
		1745	100	0	18.063	/	Pass
		1770	100	0	18.148	/	Pass
	16QAM	1720	100	0	18.193	/	Pass
		1745	100	0	18.108	/	Pass
		1770	100	0	18.215	/	Pass

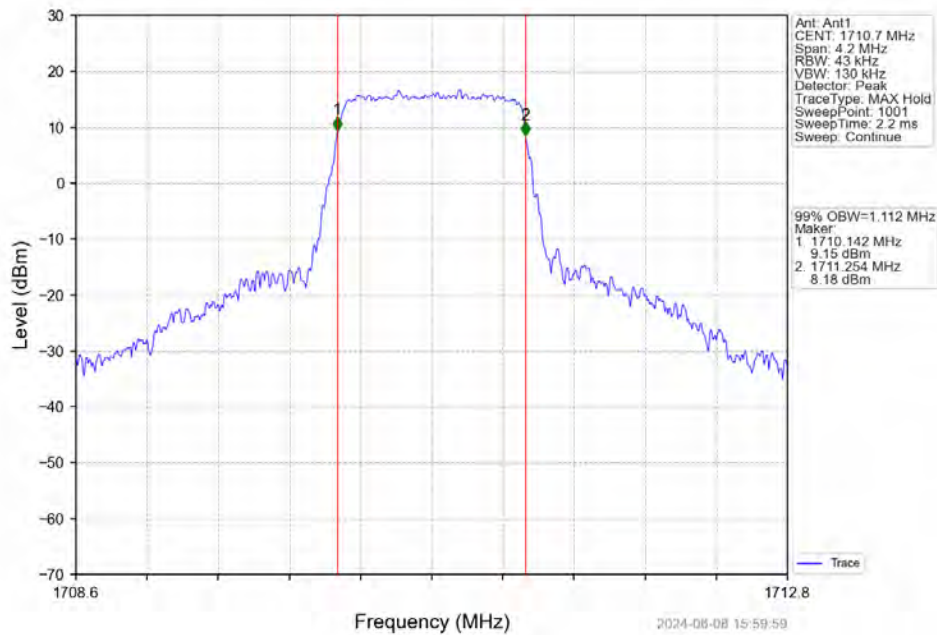
4.1.2 Test Graph



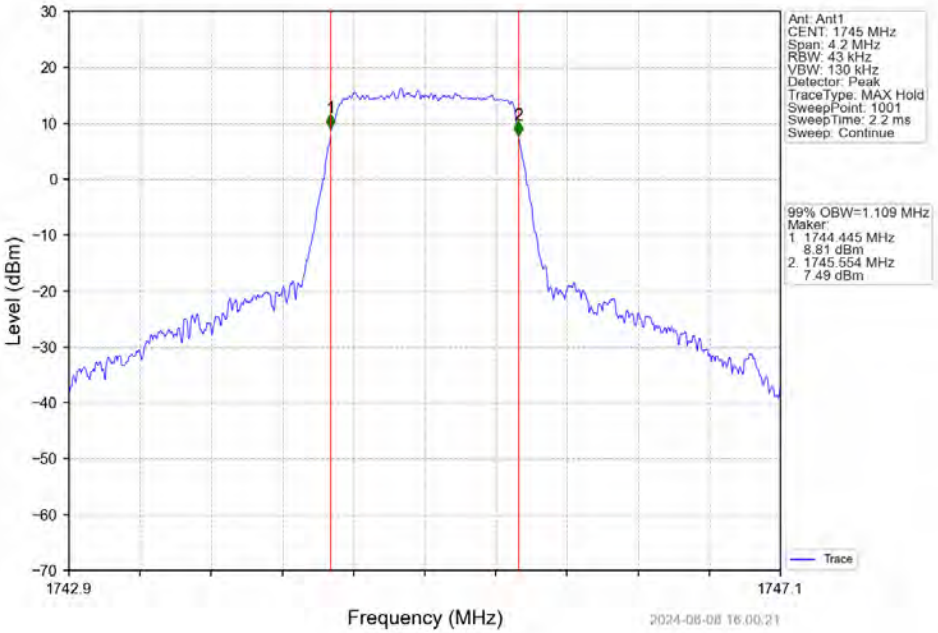
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



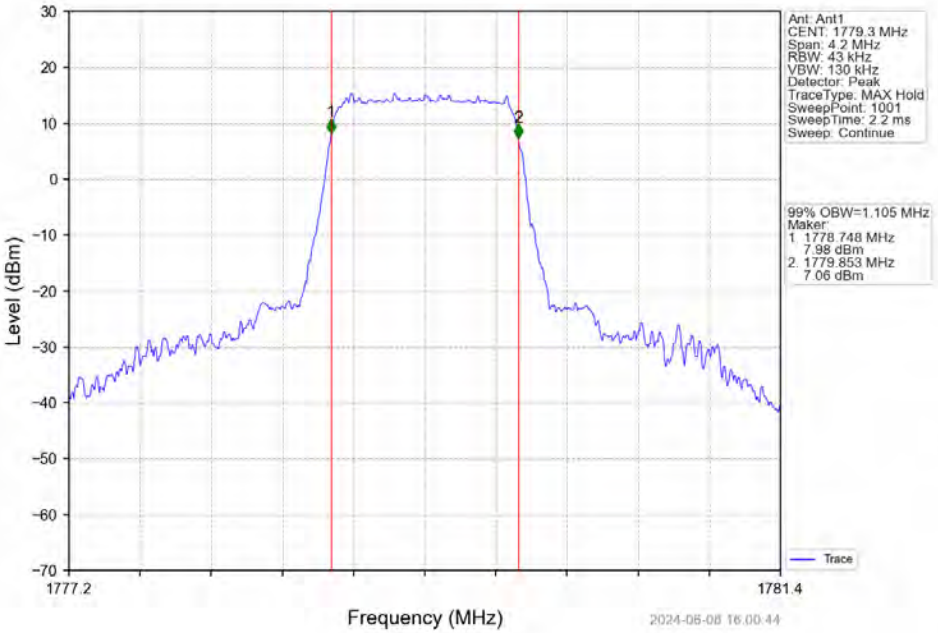
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



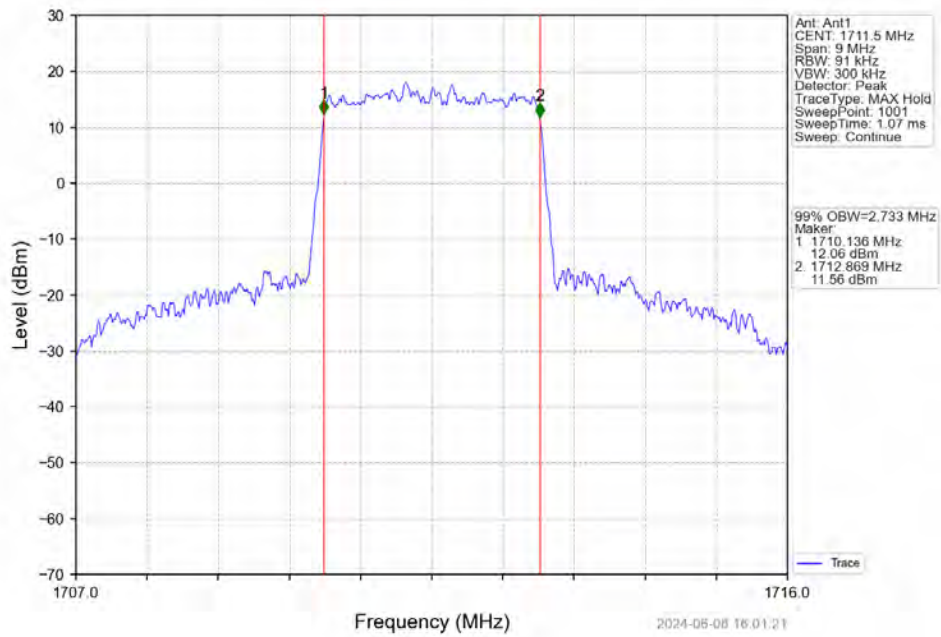
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



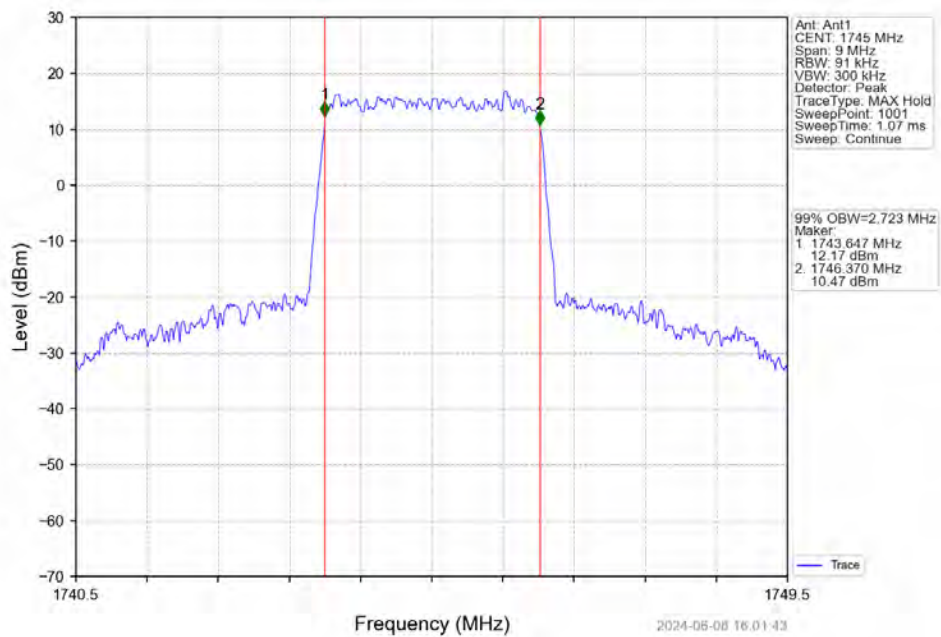
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



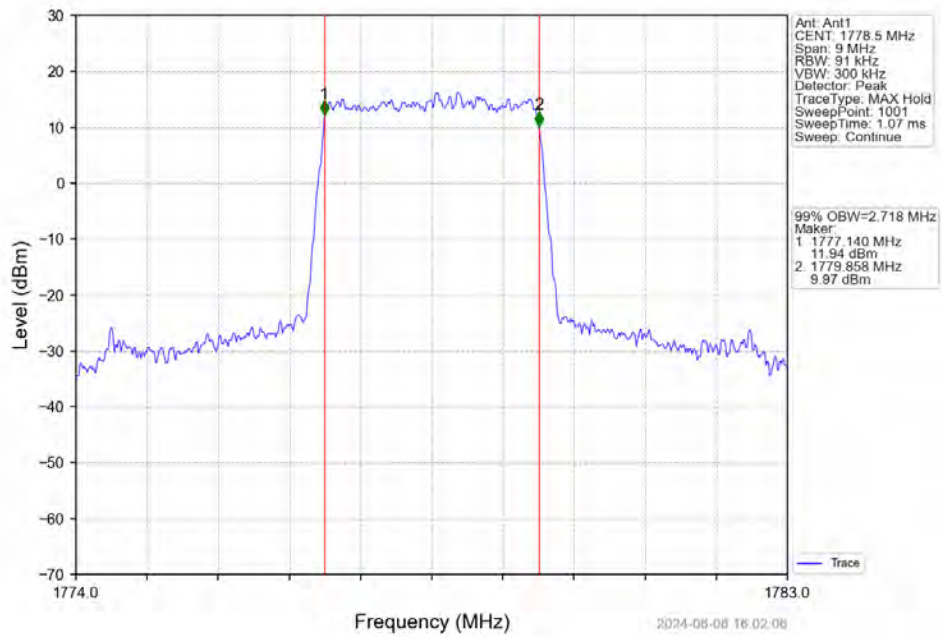
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



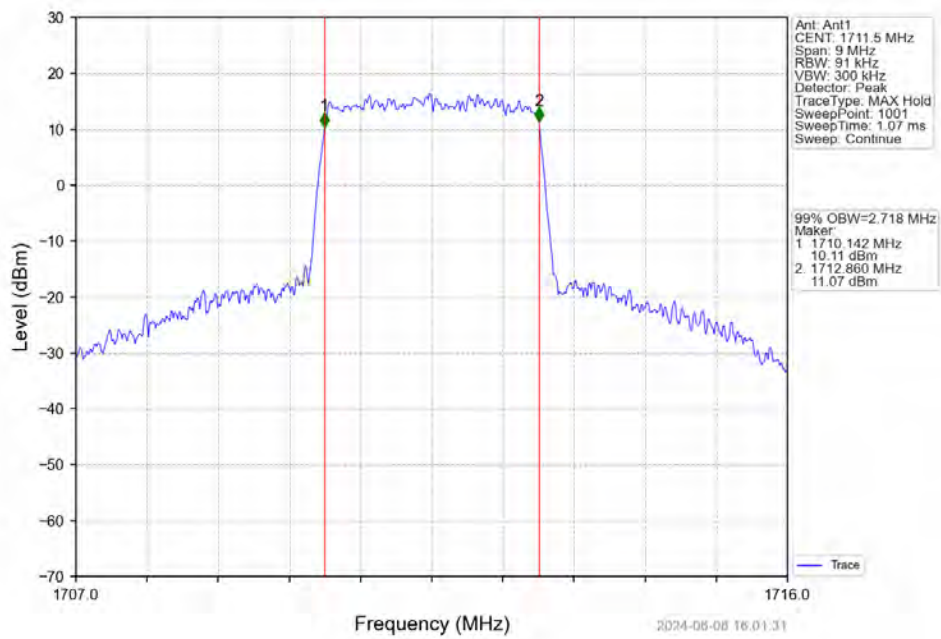
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



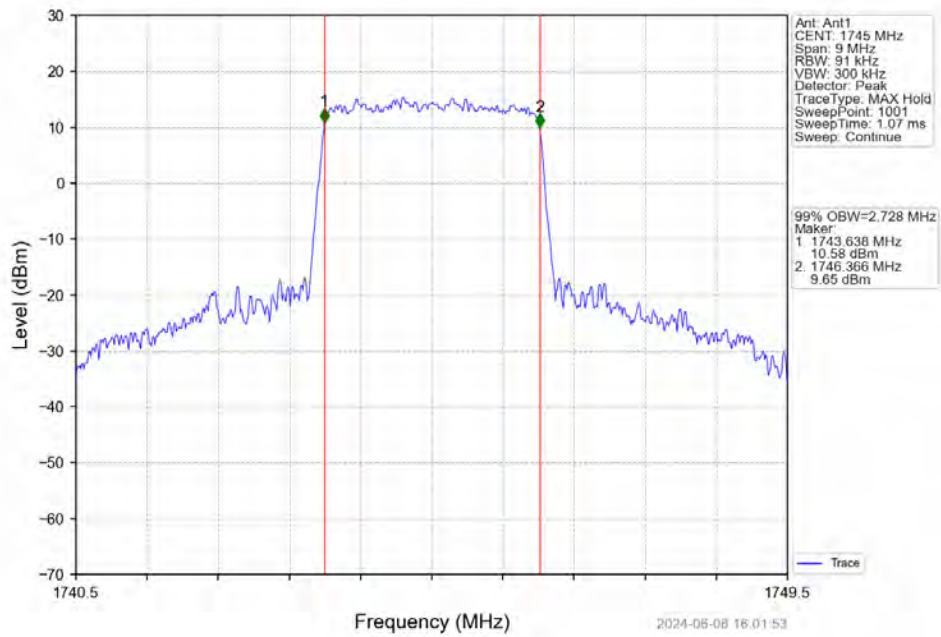
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



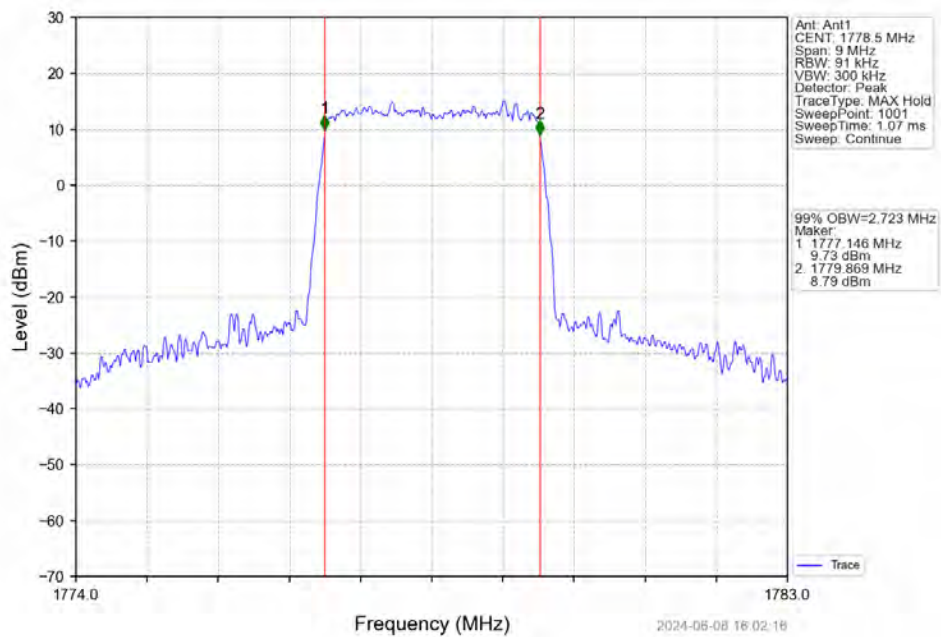
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



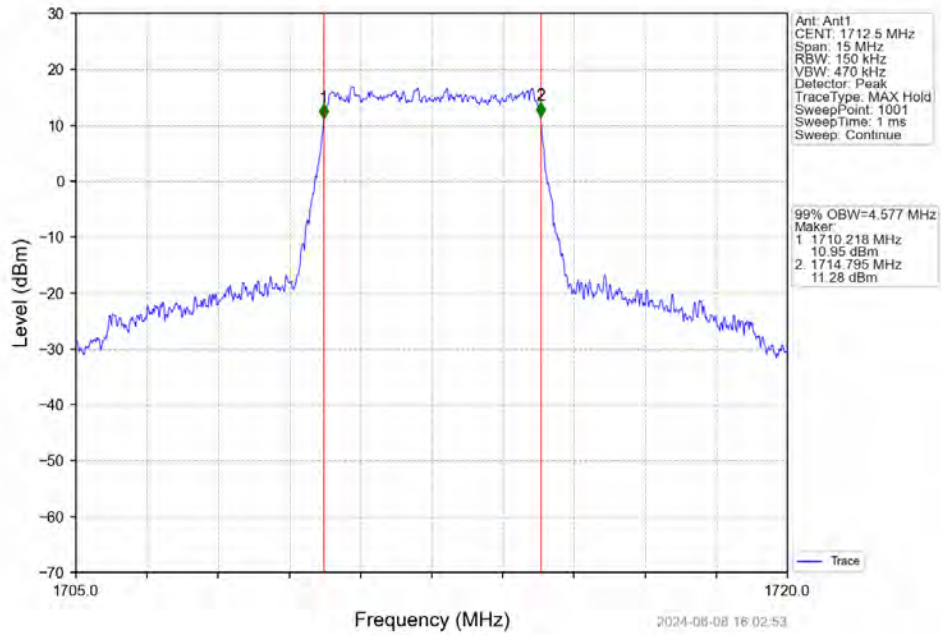
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



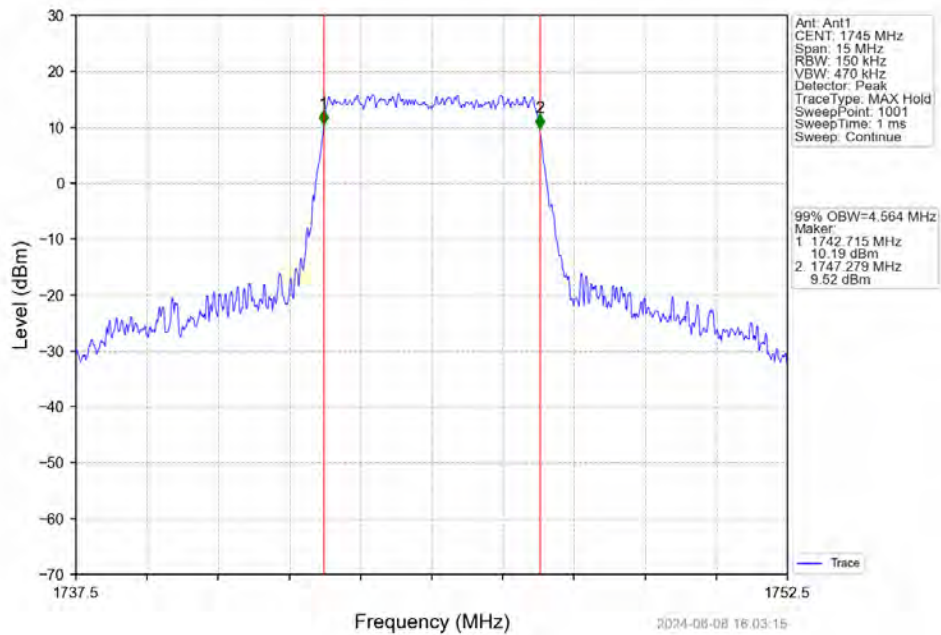
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



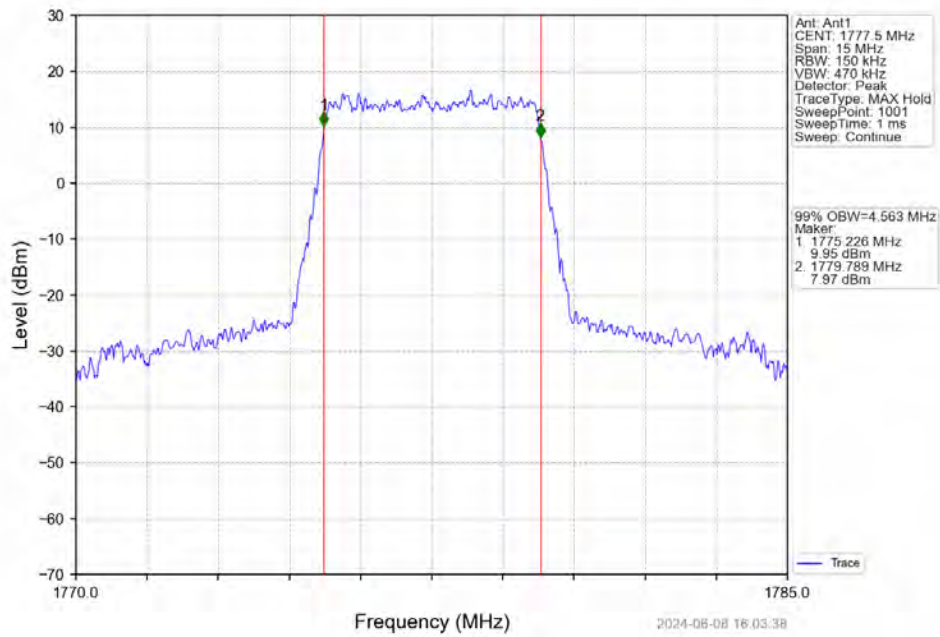
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



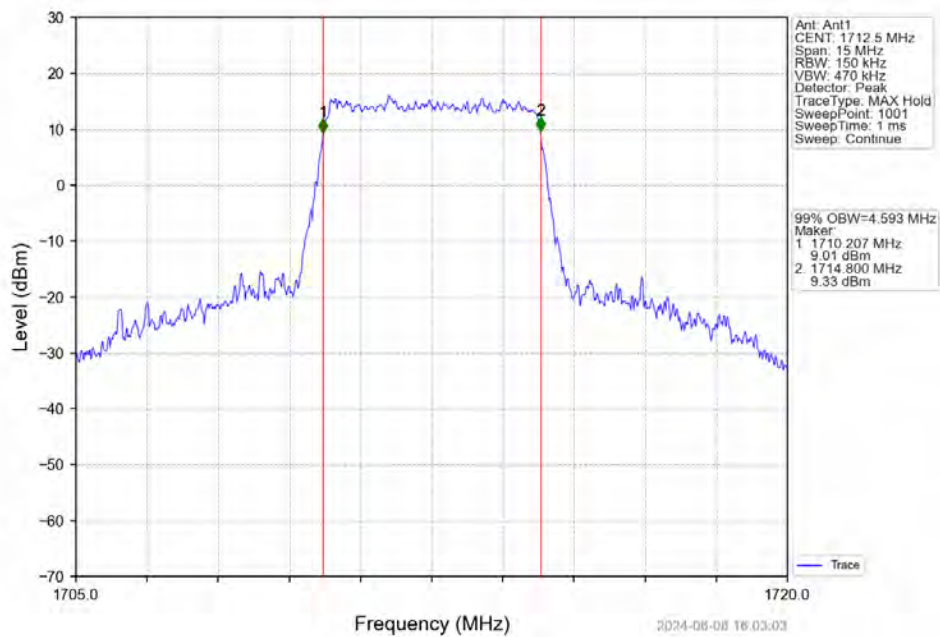
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



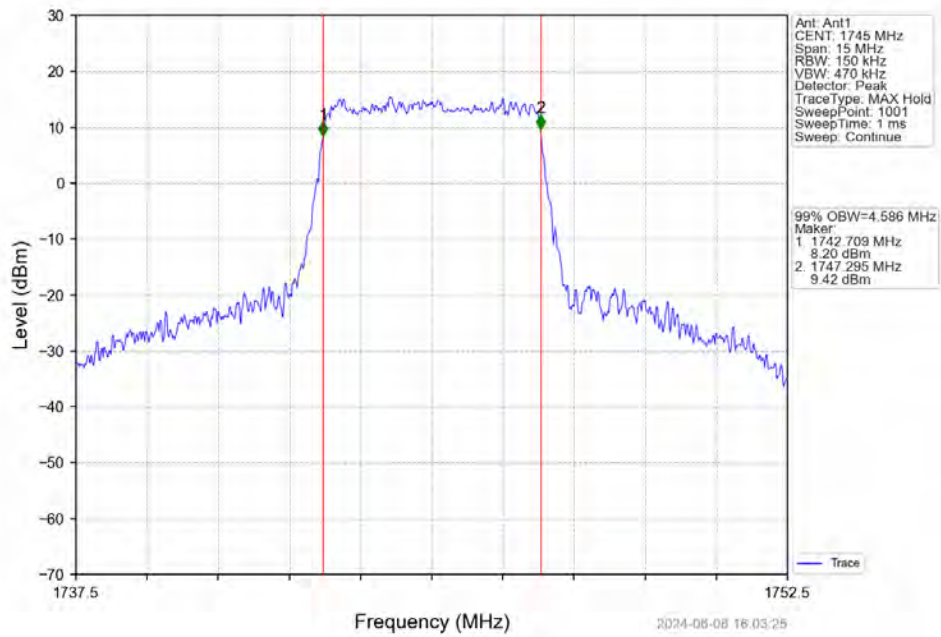
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



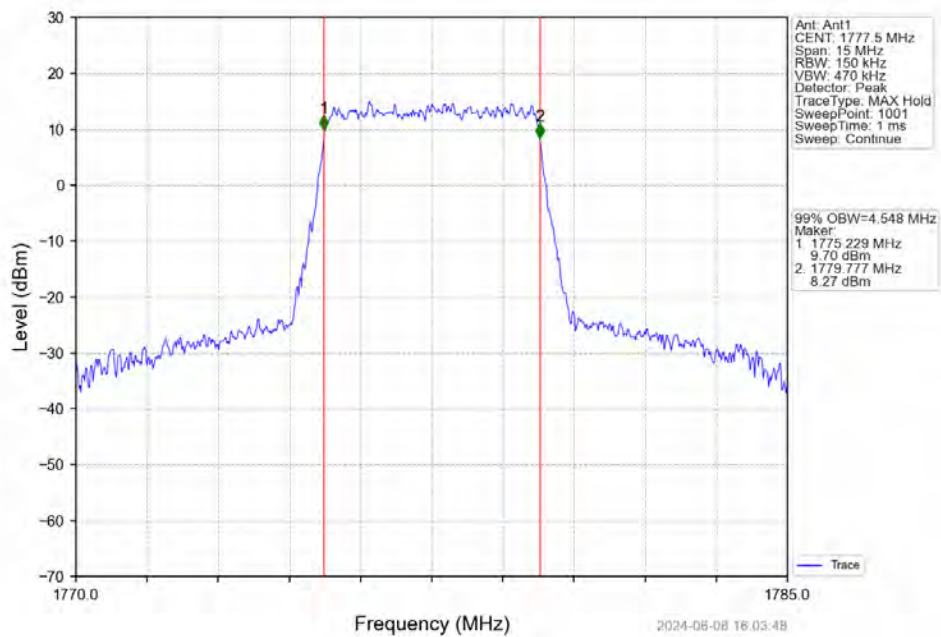
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



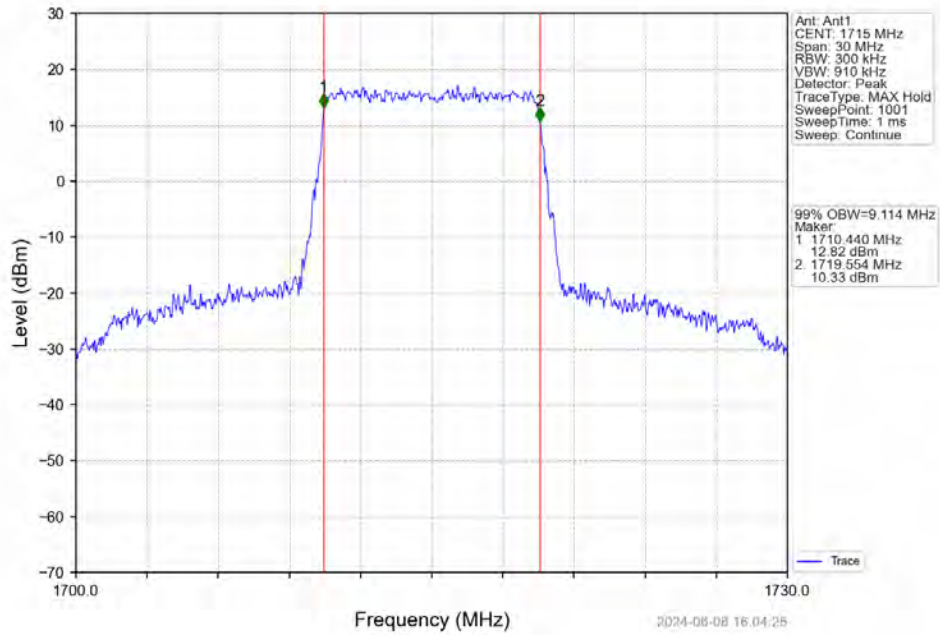
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



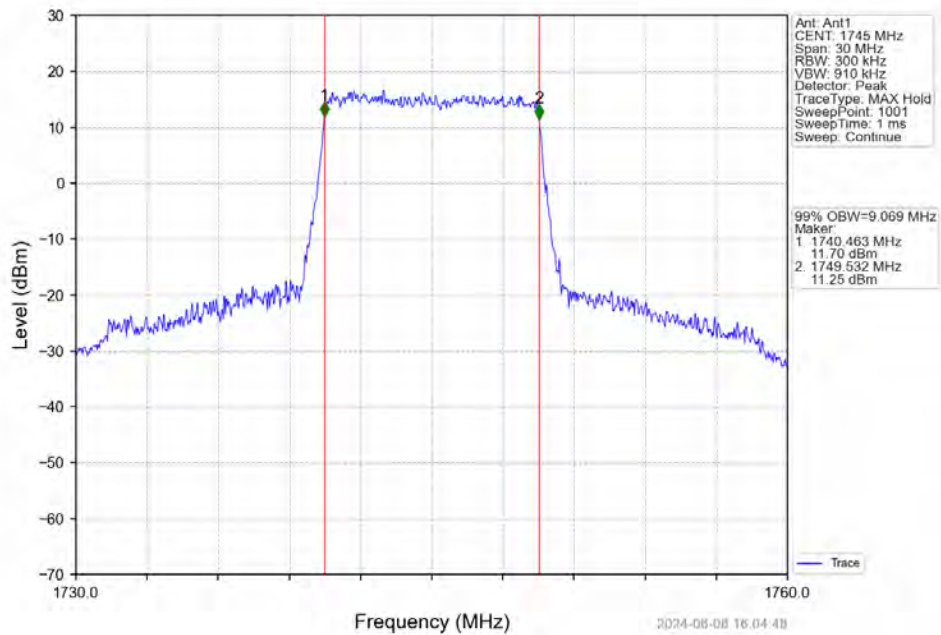
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



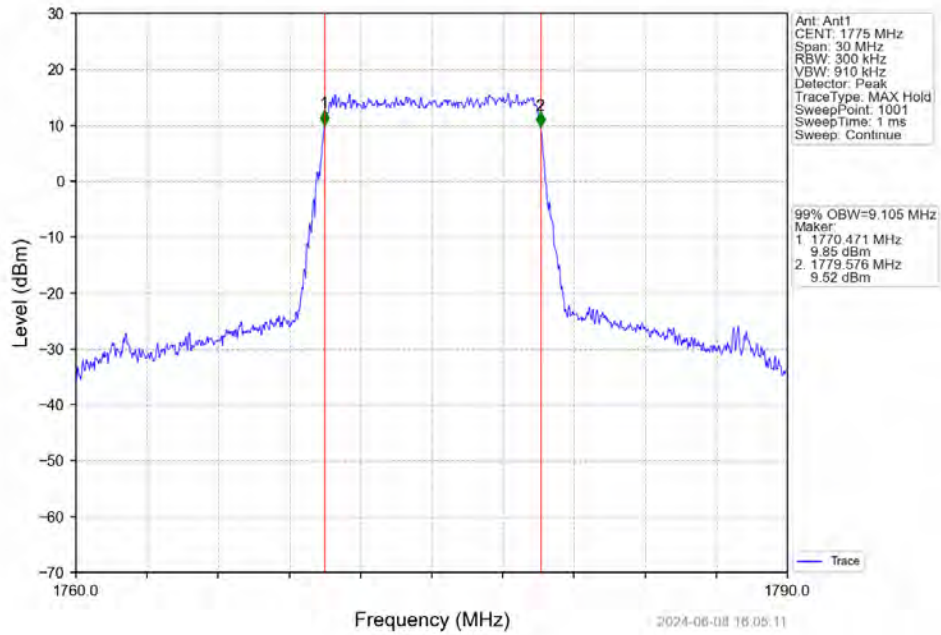
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



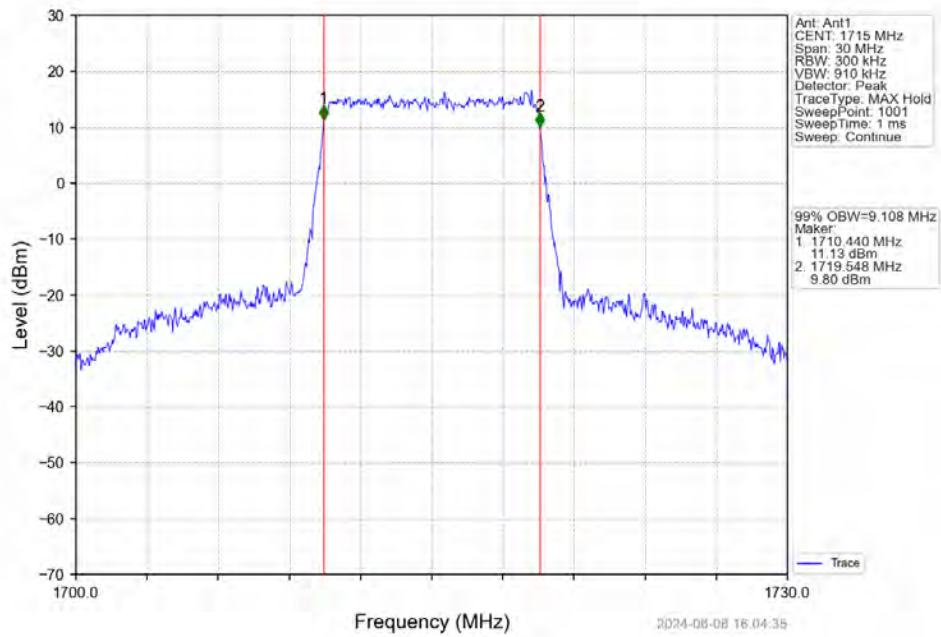
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



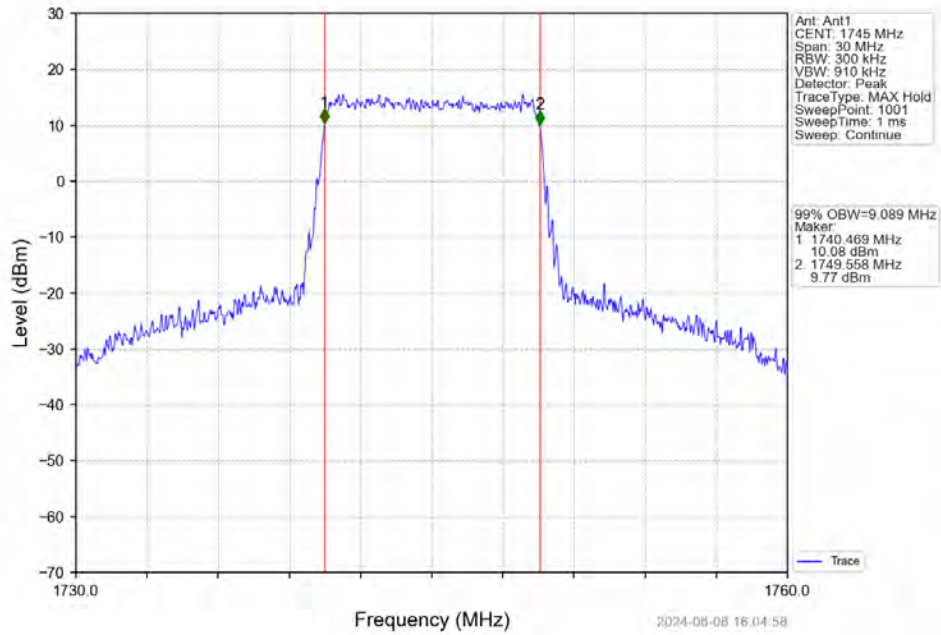
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



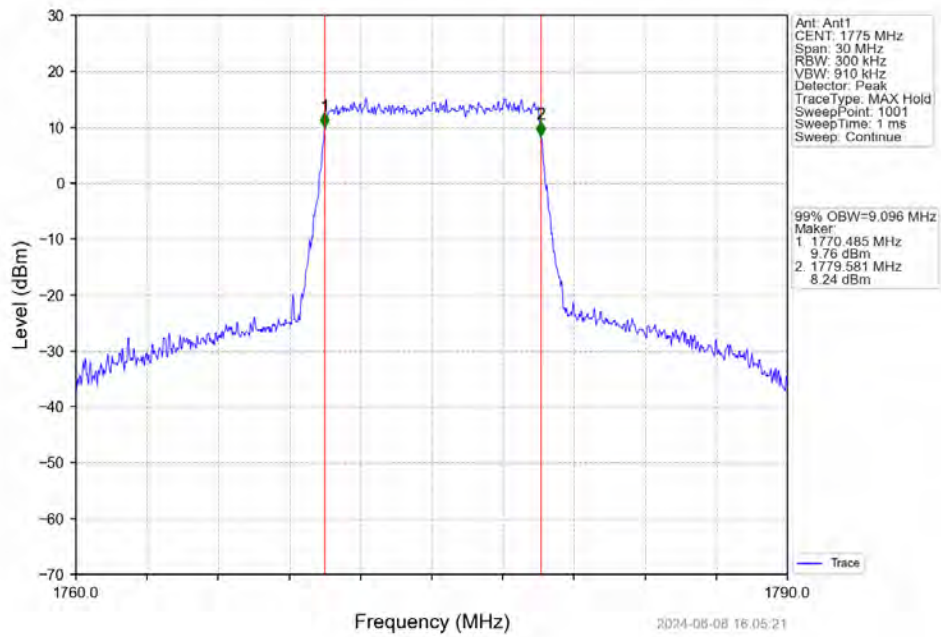
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



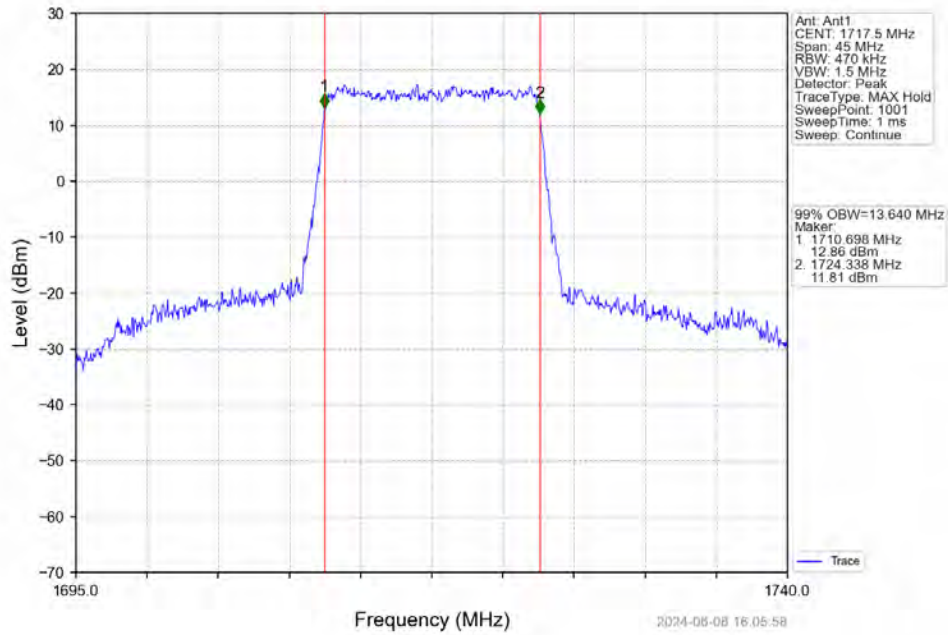
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTV



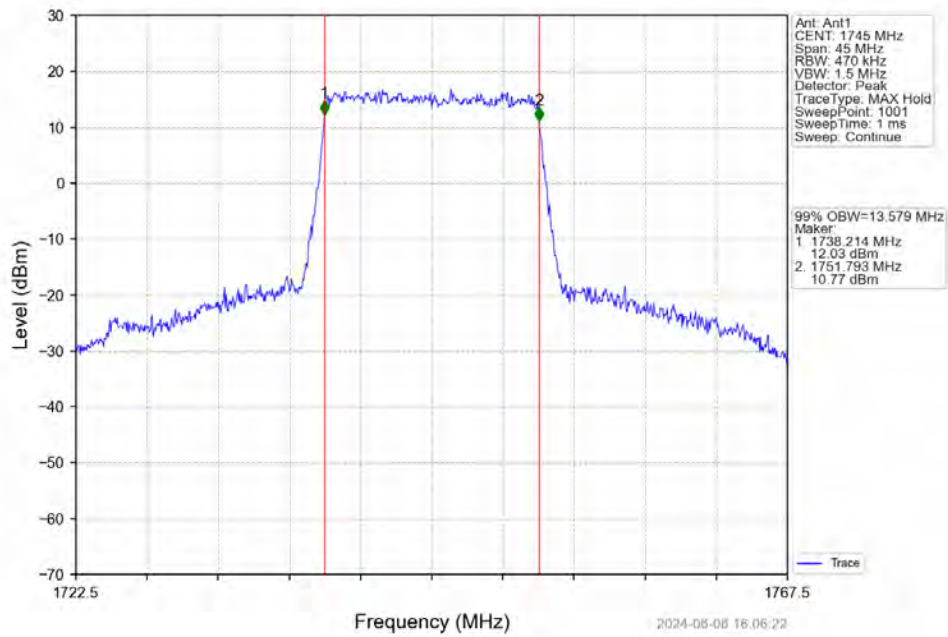
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTV



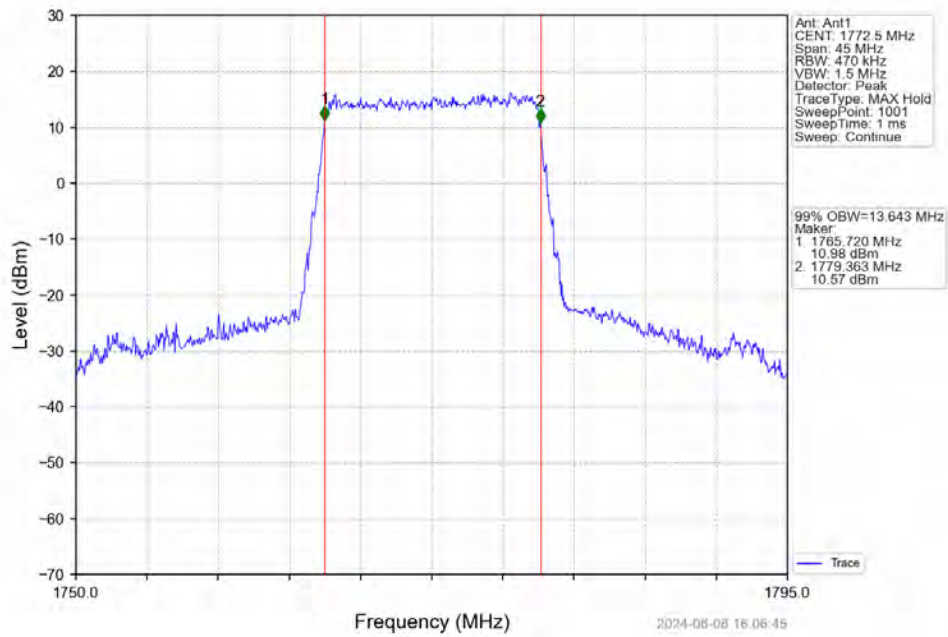
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



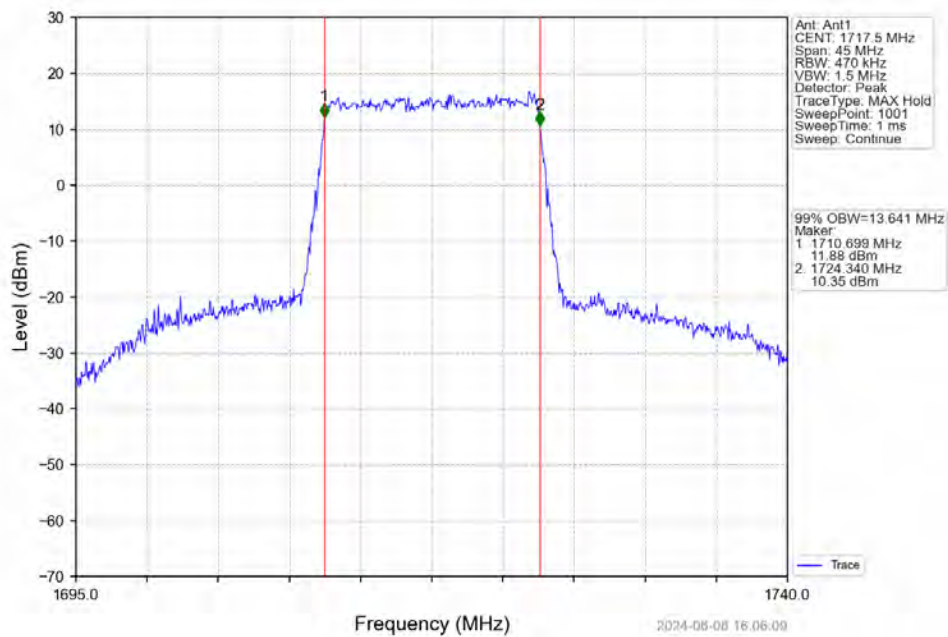
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



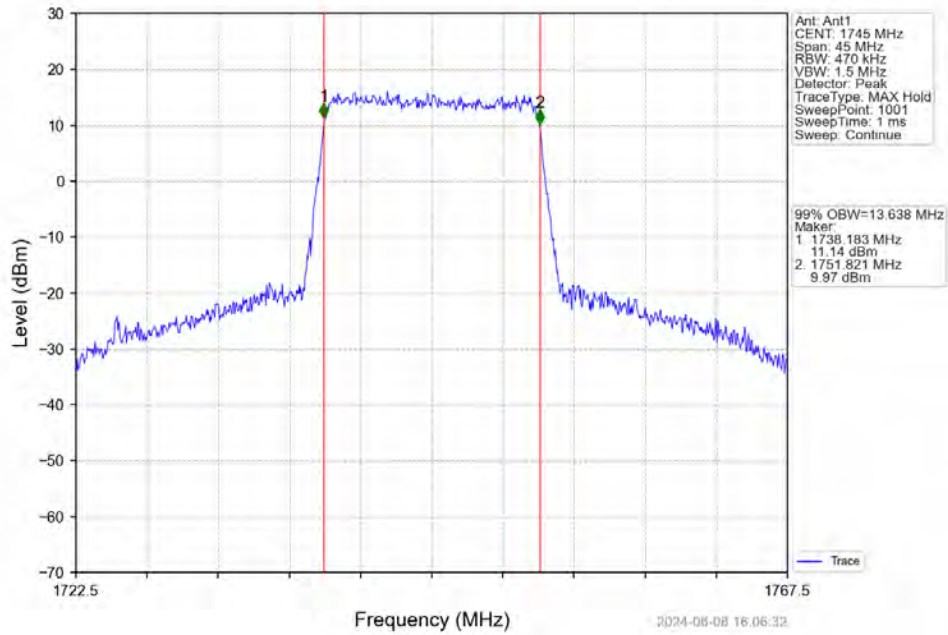
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



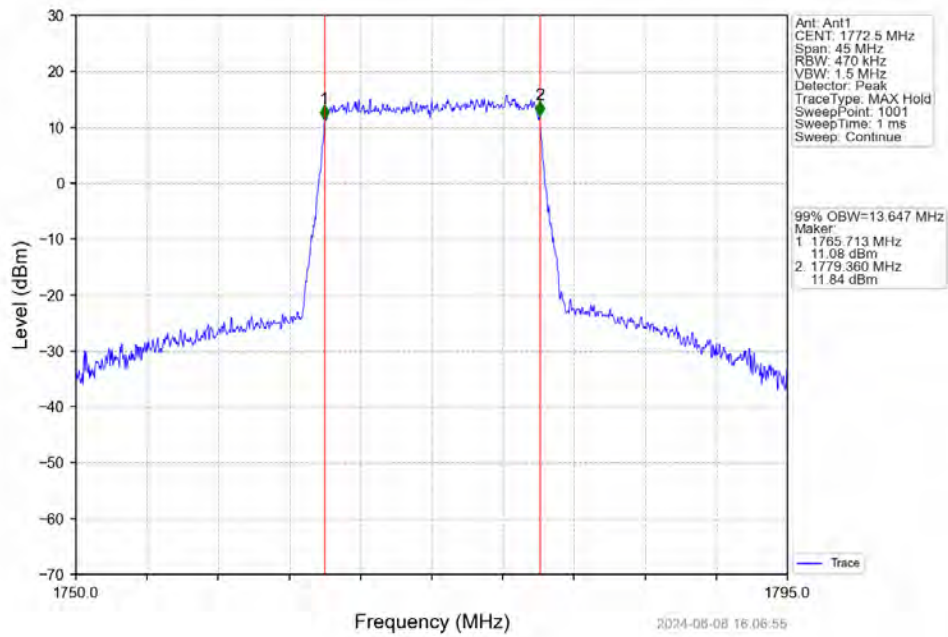
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



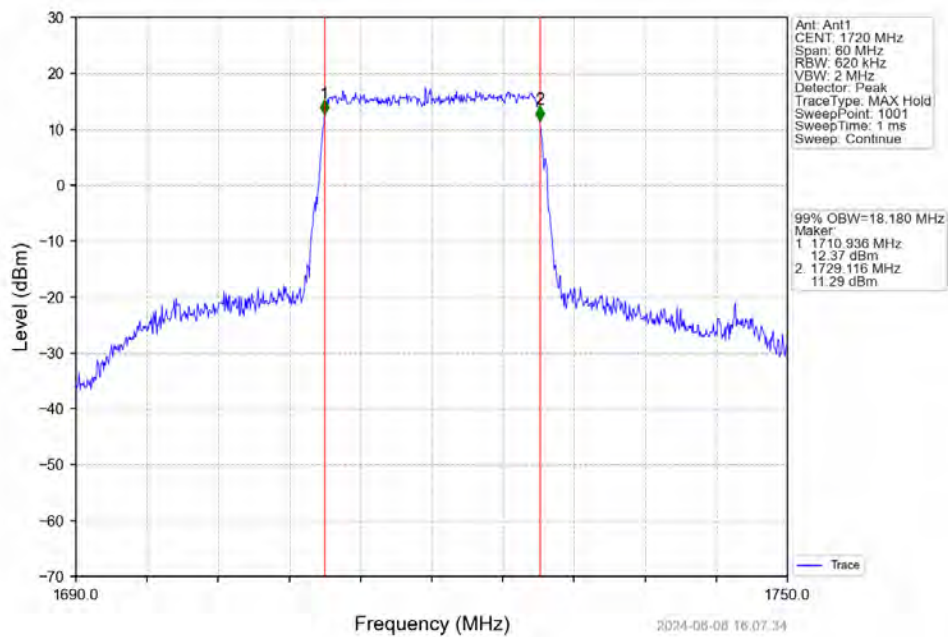
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



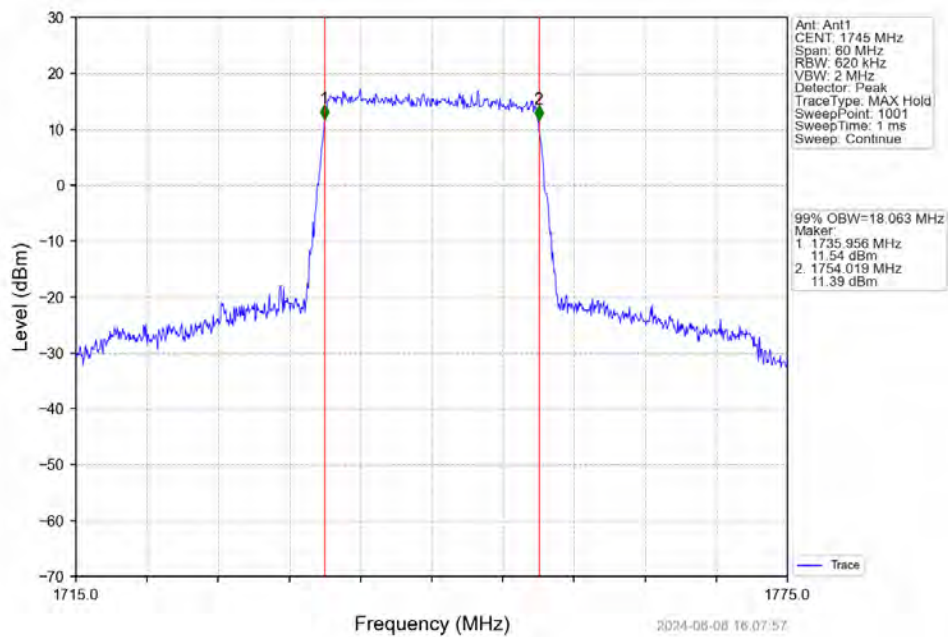
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



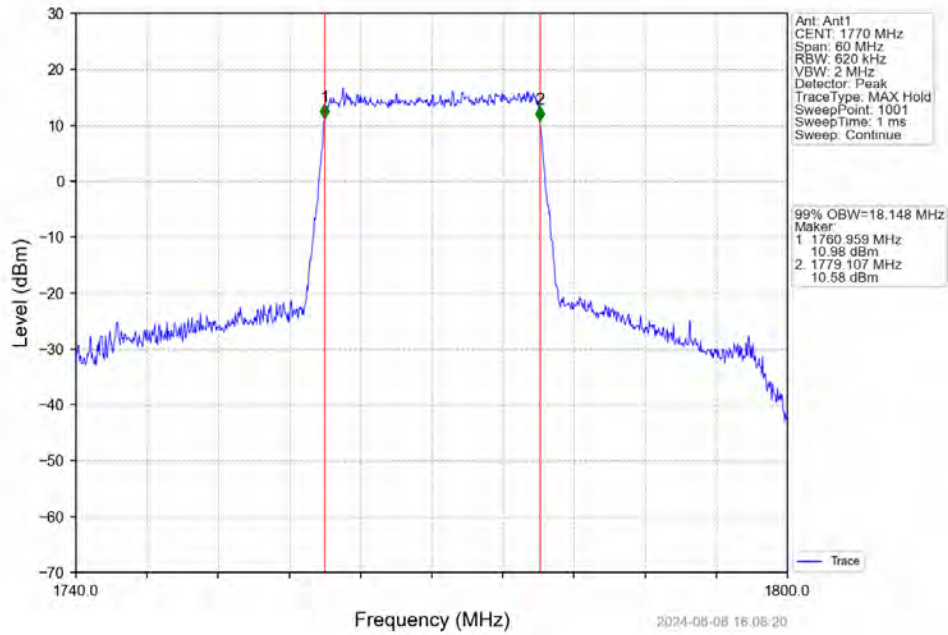
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



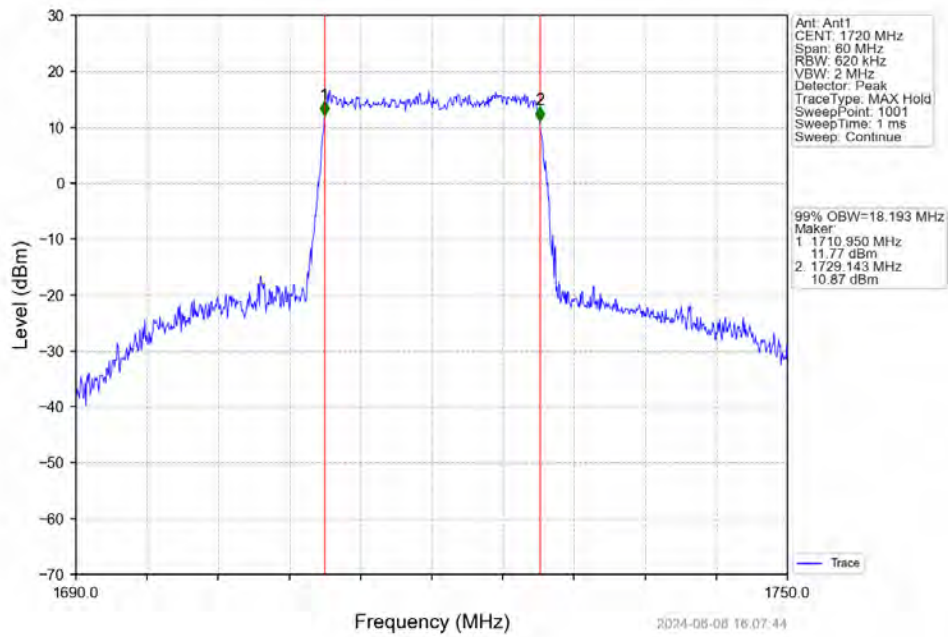
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



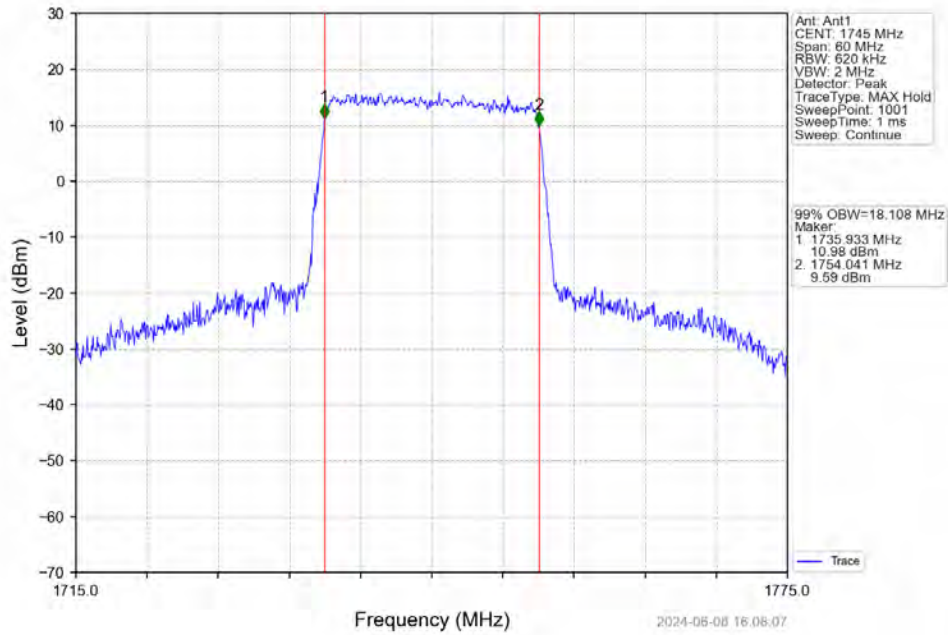
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



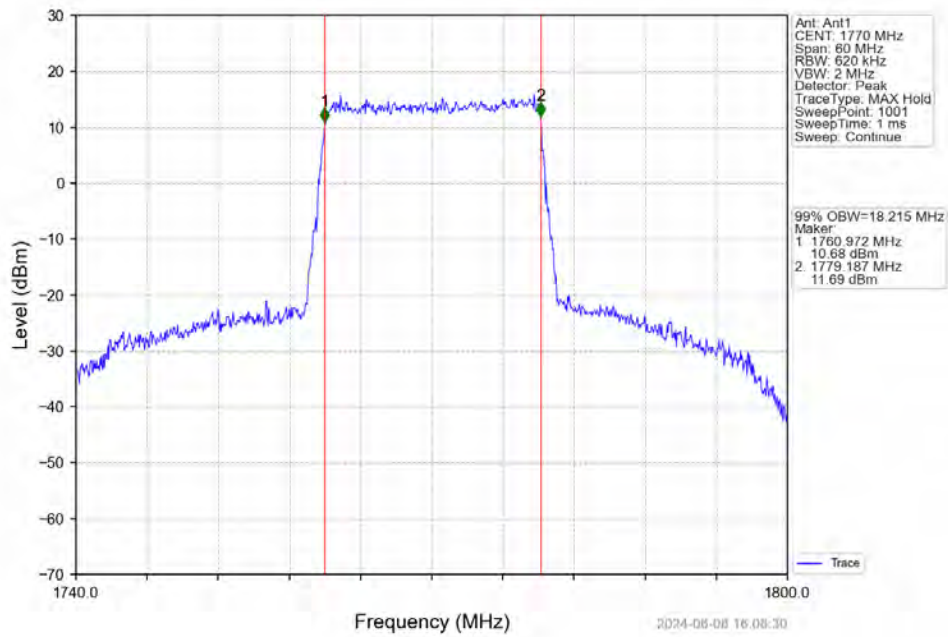
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



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

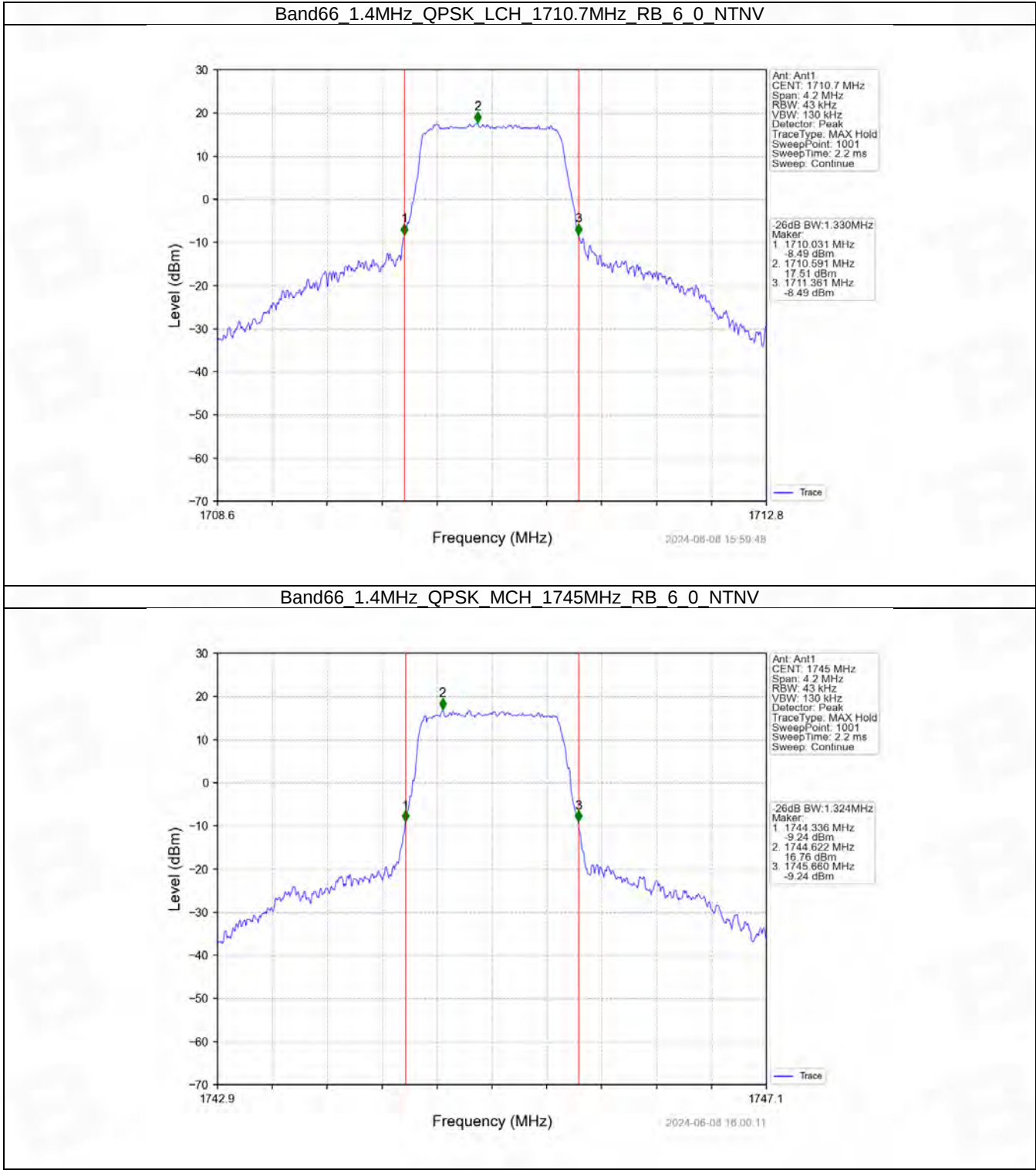


4.2 Band66_XDB

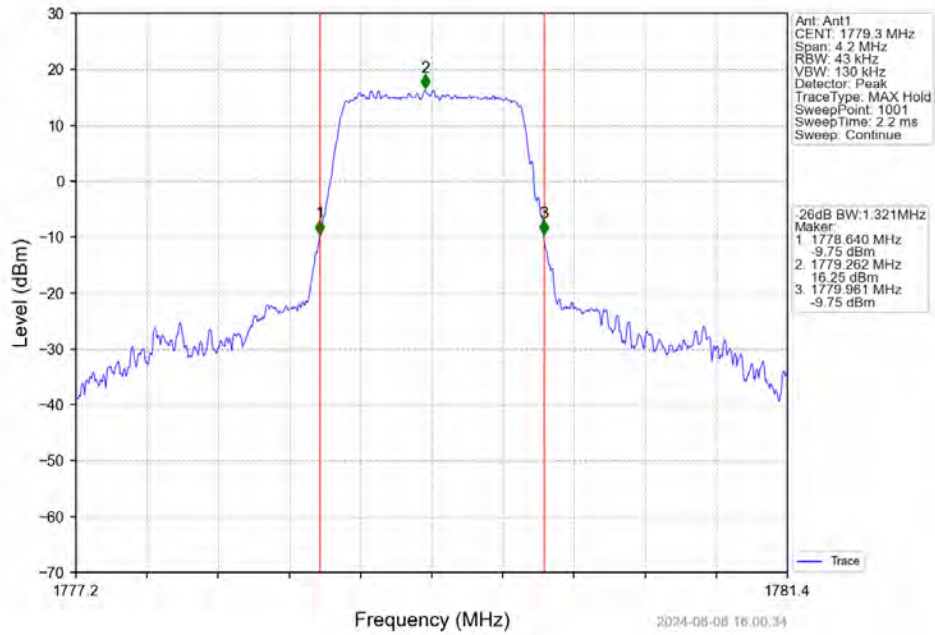
4.2.1 Test Result

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	1.330	/	Pass
		1745	6	0	1.324	/	Pass
		1779.3	6	0	1.321	/	Pass
	16QAM	1710.7	6	0	1.312	/	Pass
		1745	6	0	1.316	/	Pass
		1779.3	6	0	1.308	/	Pass
3	QPSK	1711.5	15	0	3.001	/	Pass
		1745	15	0	2.989	/	Pass
		1778.5	15	0	2.995	/	Pass
	16QAM	1711.5	15	0	2.999	/	Pass
		1745	15	0	3.002	/	Pass
		1778.5	15	0	3.011	/	Pass
5	QPSK	1712.5	25	0	5.270	/	Pass
		1745	25	0	5.273	/	Pass
		1777.5	25	0	5.238	/	Pass
	16QAM	1712.5	25	0	5.338	/	Pass
		1745	25	0	5.273	/	Pass
		1777.5	25	0	5.252	/	Pass
10	QPSK	1715	50	0	10.285	/	Pass
		1745	50	0	10.166	/	Pass
		1775	50	0	10.334	/	Pass
	16QAM	1715	50	0	10.247	/	Pass
		1745	50	0	10.329	/	Pass
		1775	50	0	10.276	/	Pass
15	QPSK	1717.5	75	0	15.286	/	Pass
		1745	75	0	15.358	/	Pass
		1772.5	75	0	15.369	/	Pass
	16QAM	1717.5	75	0	15.312	/	Pass
		1745	75	0	15.151	/	Pass
		1772.5	75	0	15.347	/	Pass
20	QPSK	1720	100	0	20.222	/	Pass
		1745	100	0	20.149	/	Pass
		1770	100	0	19.997	/	Pass
	16QAM	1720	100	0	20.186	/	Pass
		1745	100	0	20.033	/	Pass
		1770	100	0	20.195	/	Pass

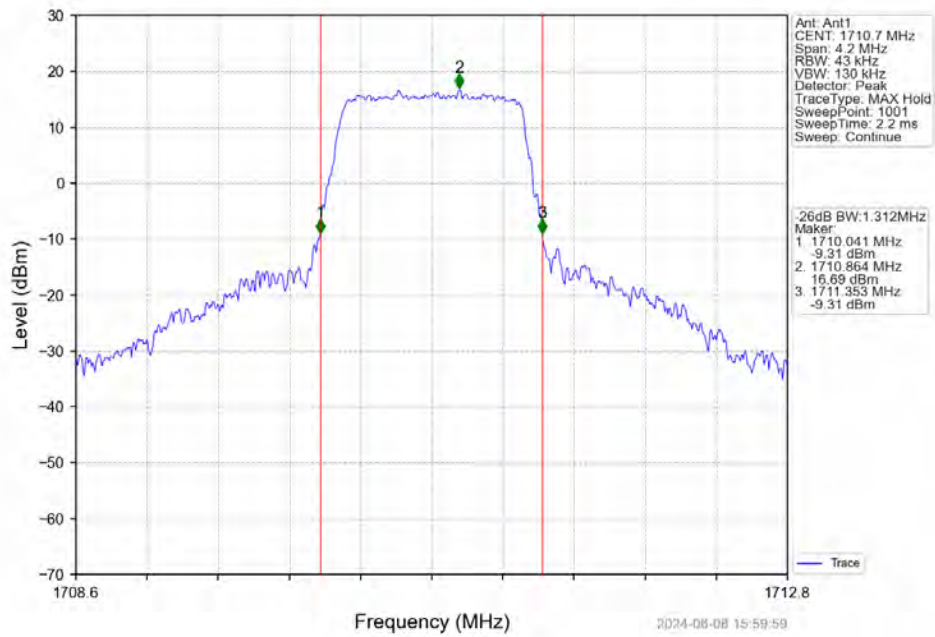
4.2.2 Test Graph



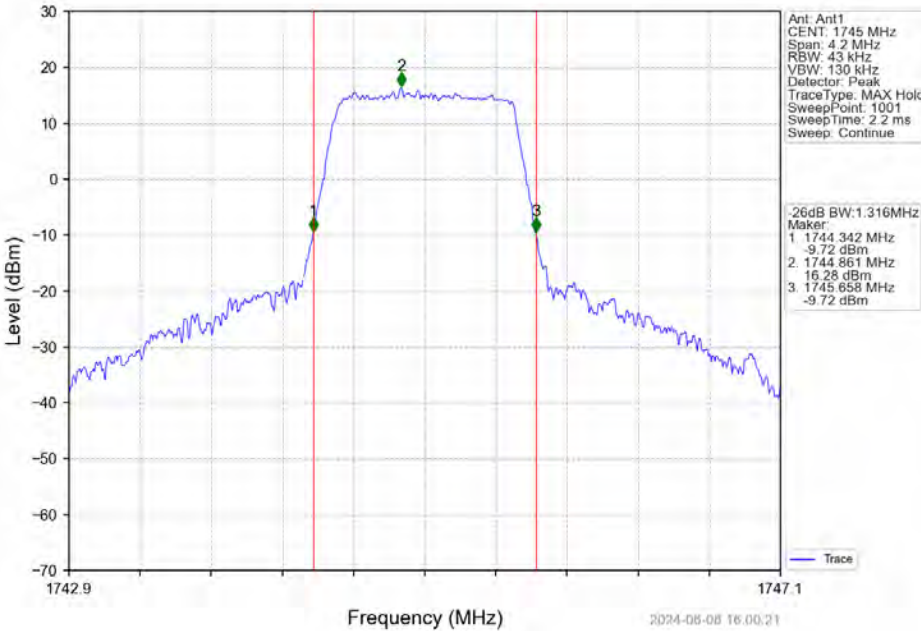
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



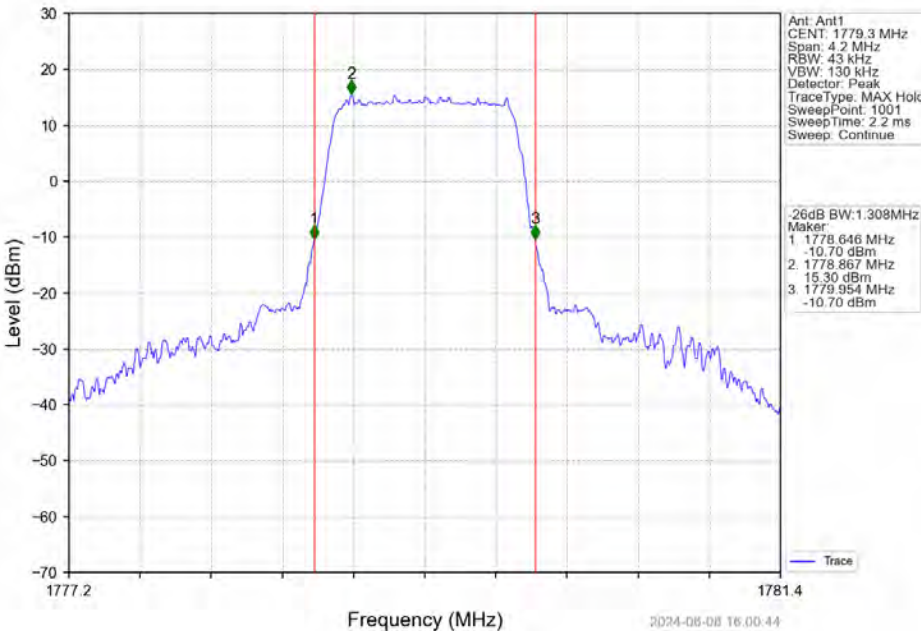
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



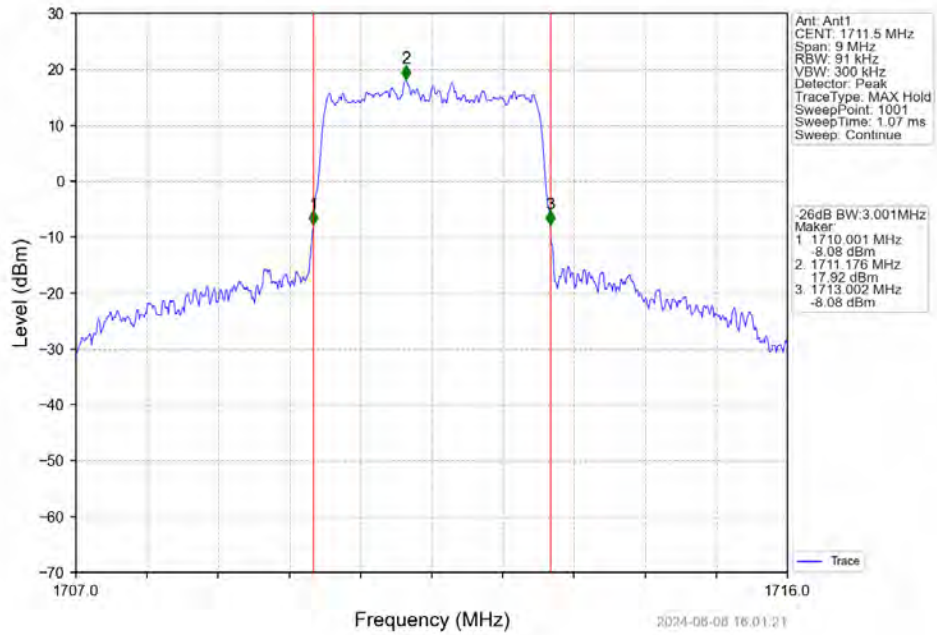
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



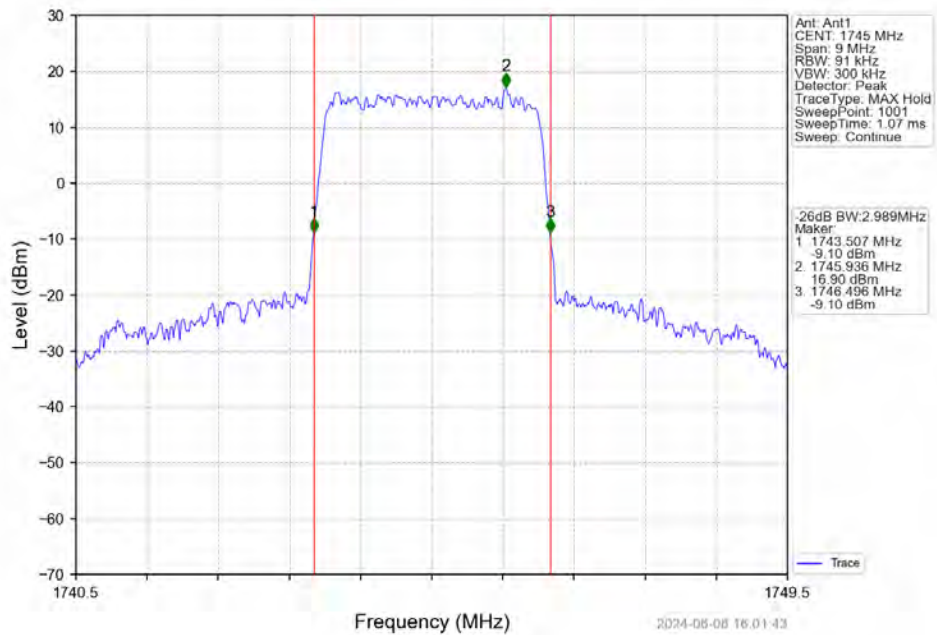
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



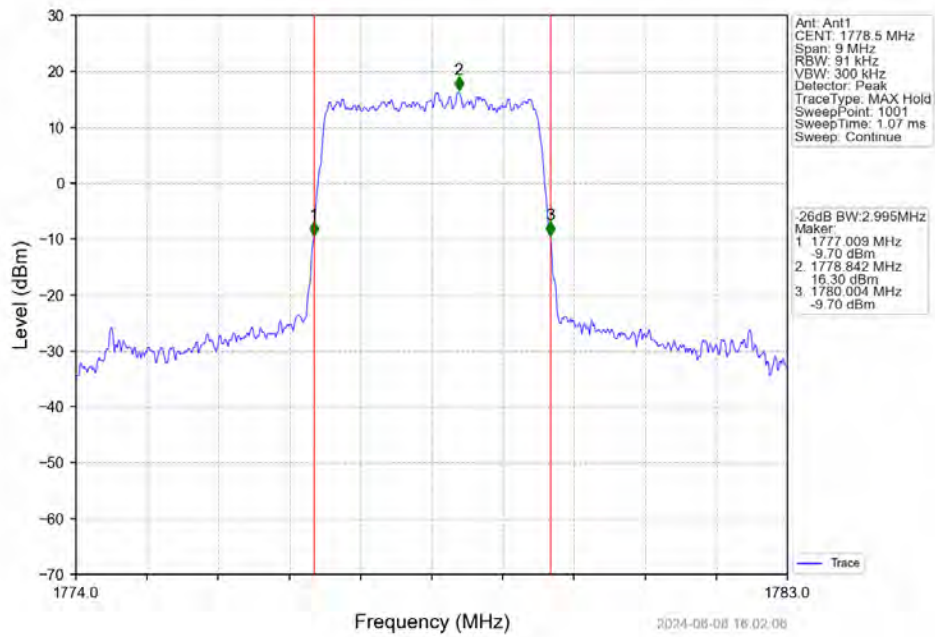
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



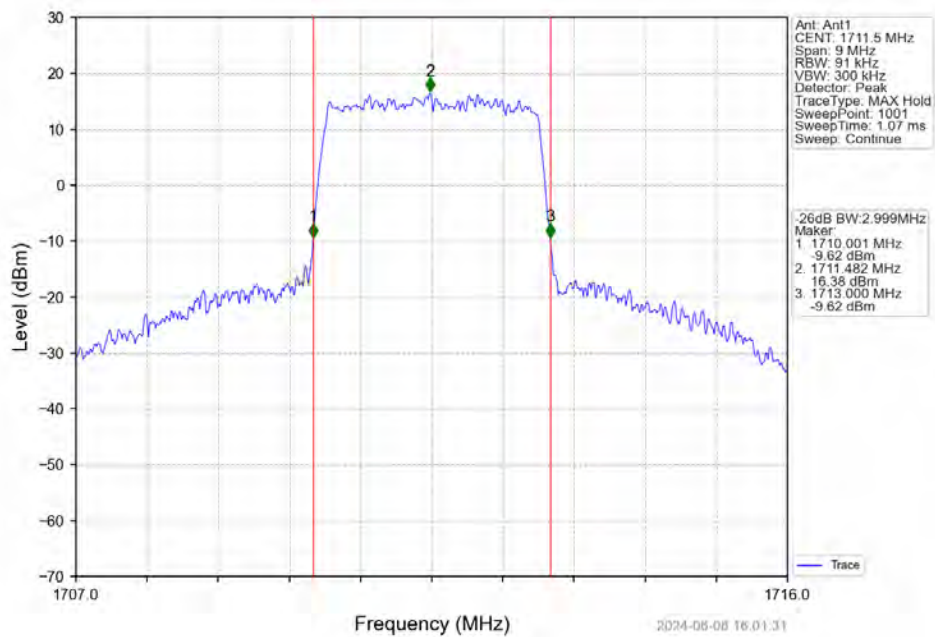
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



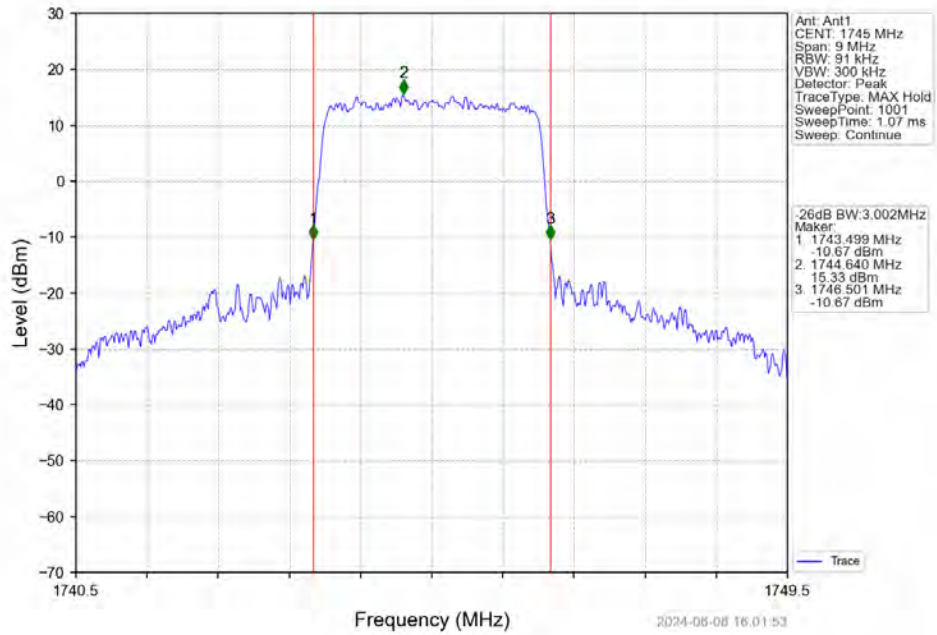
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



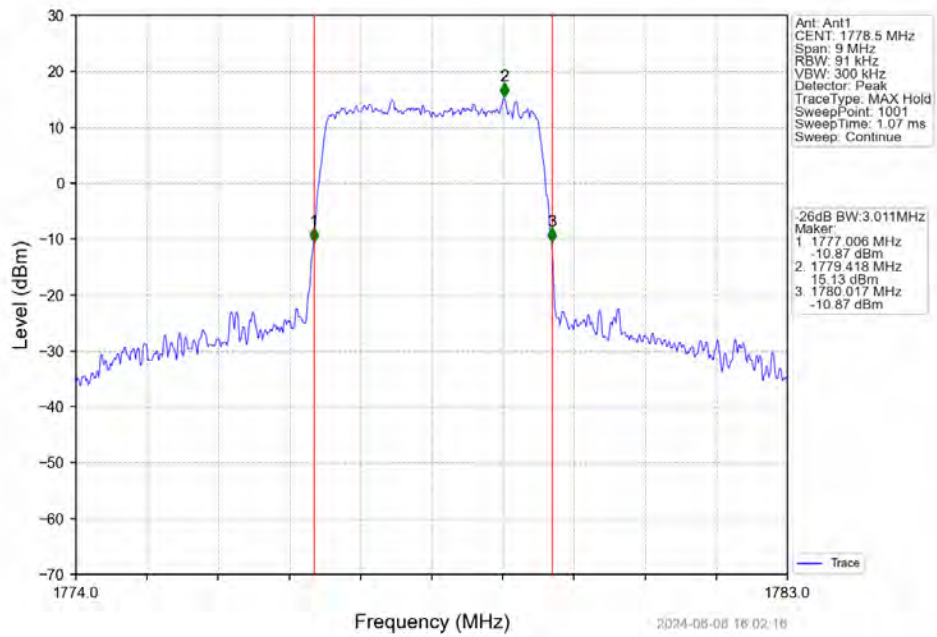
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



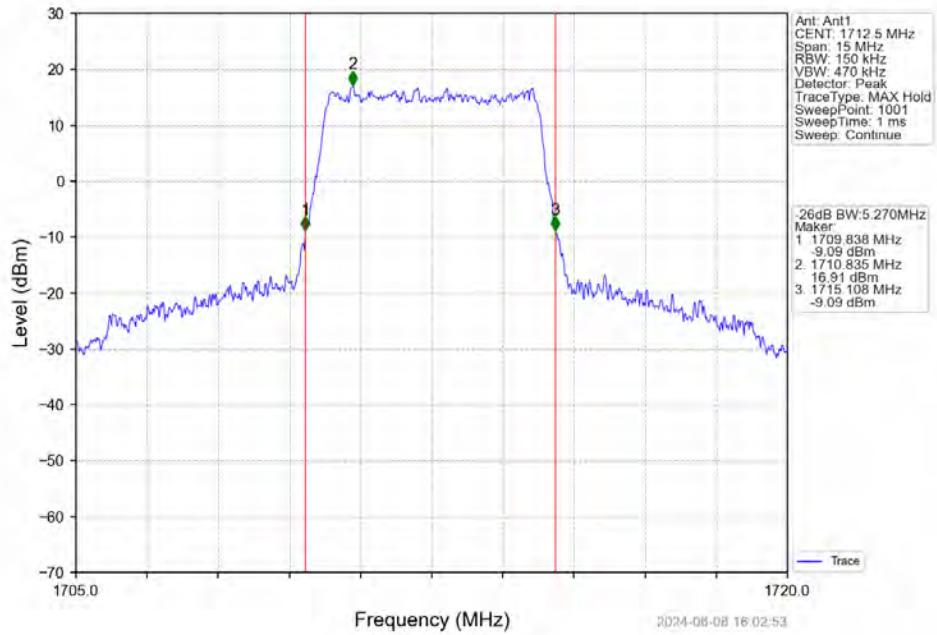
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



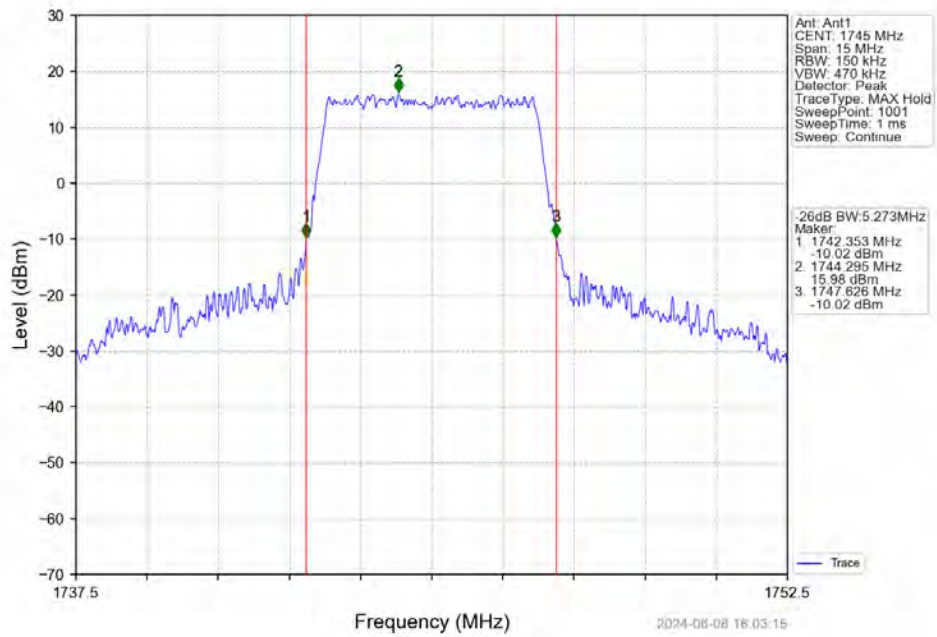
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



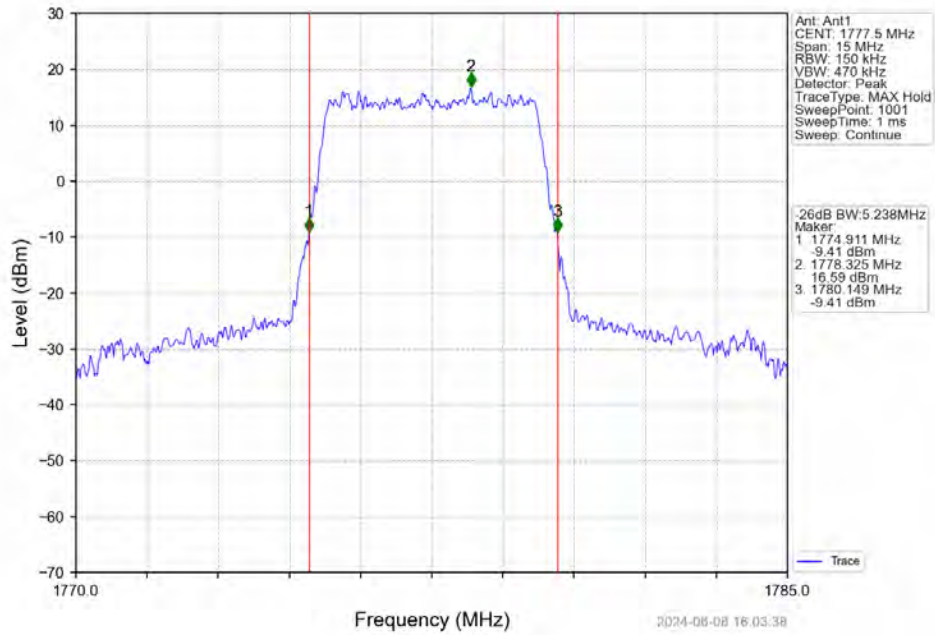
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



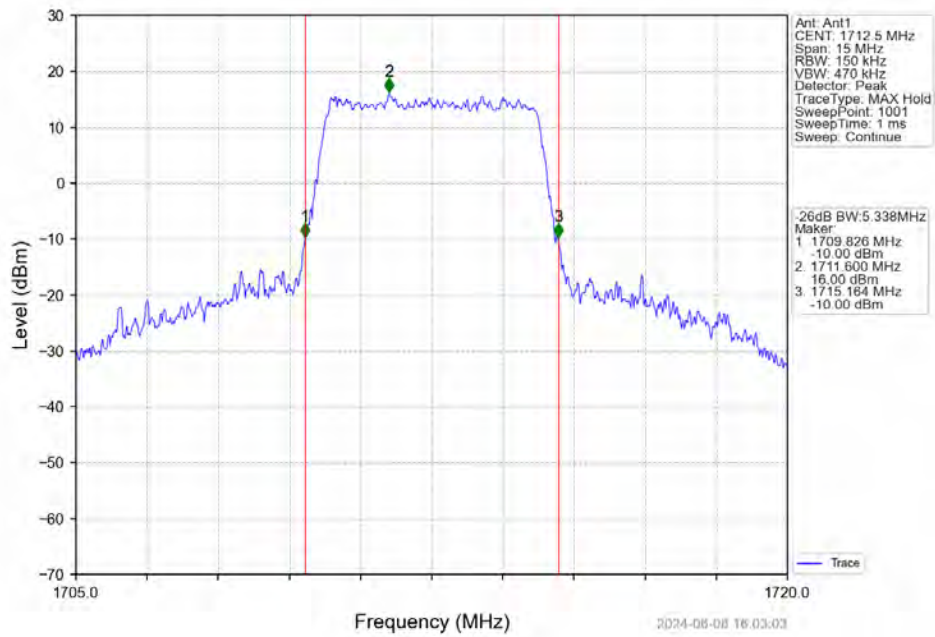
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



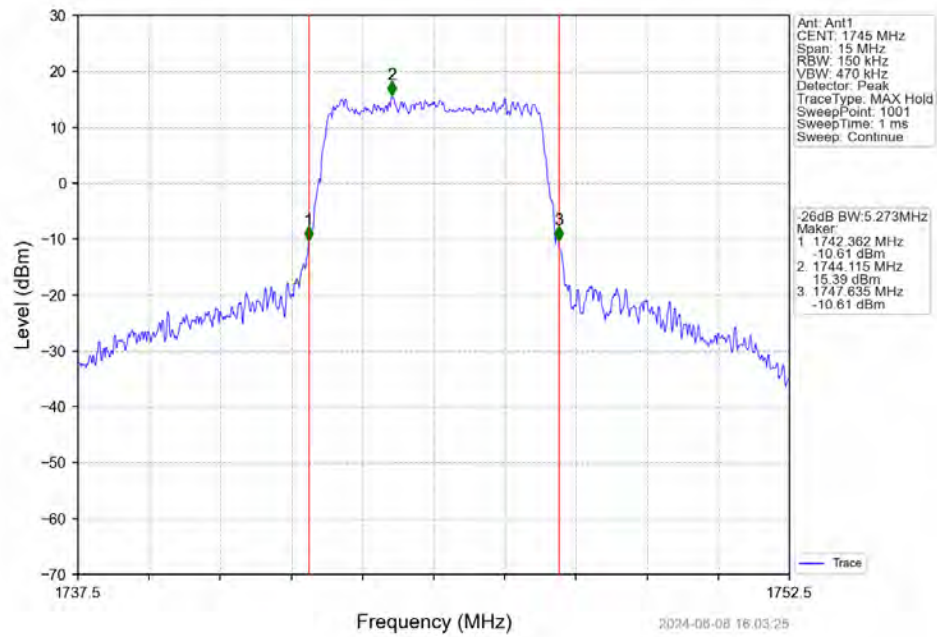
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV



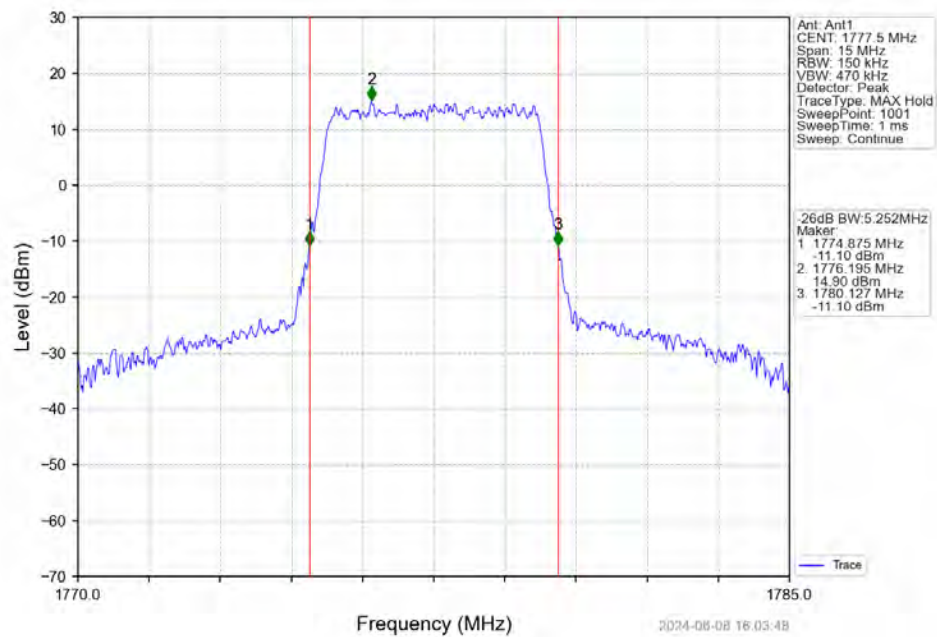
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



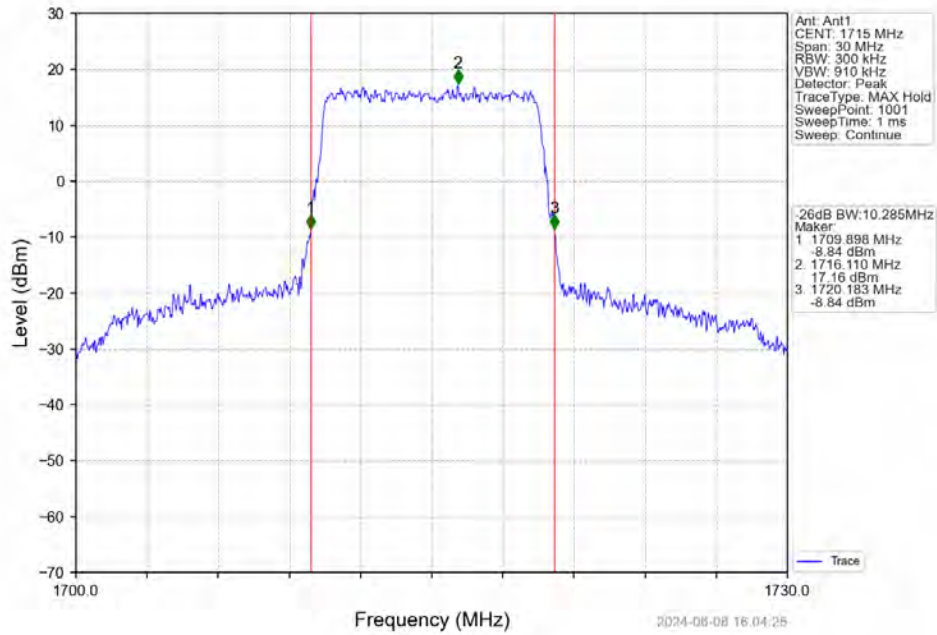
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



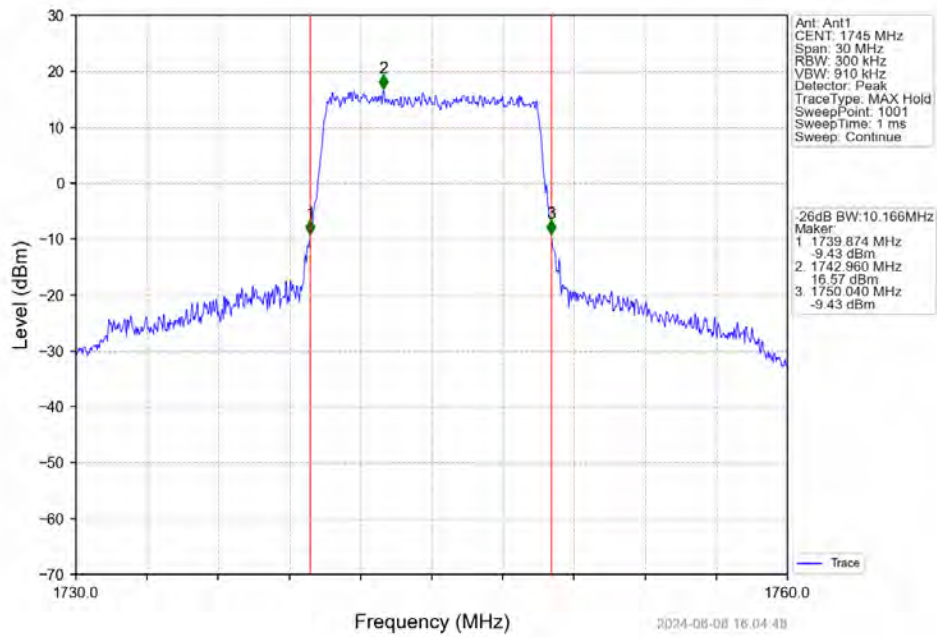
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



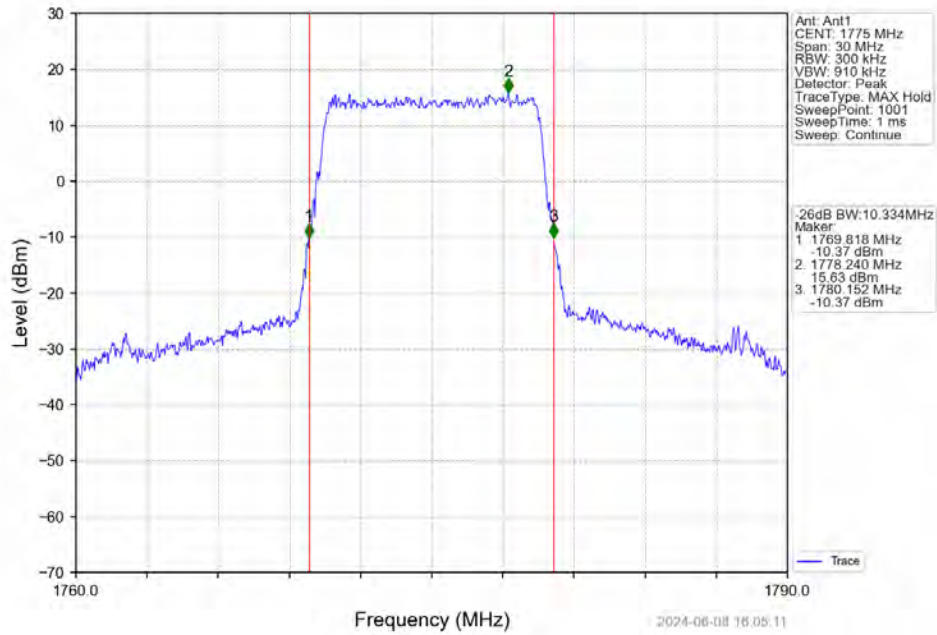
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV



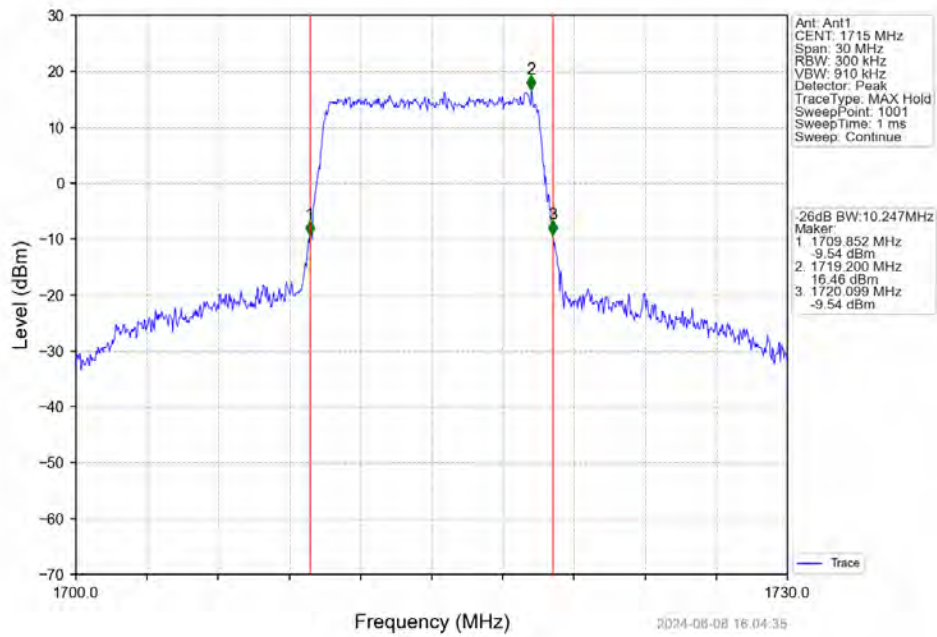
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



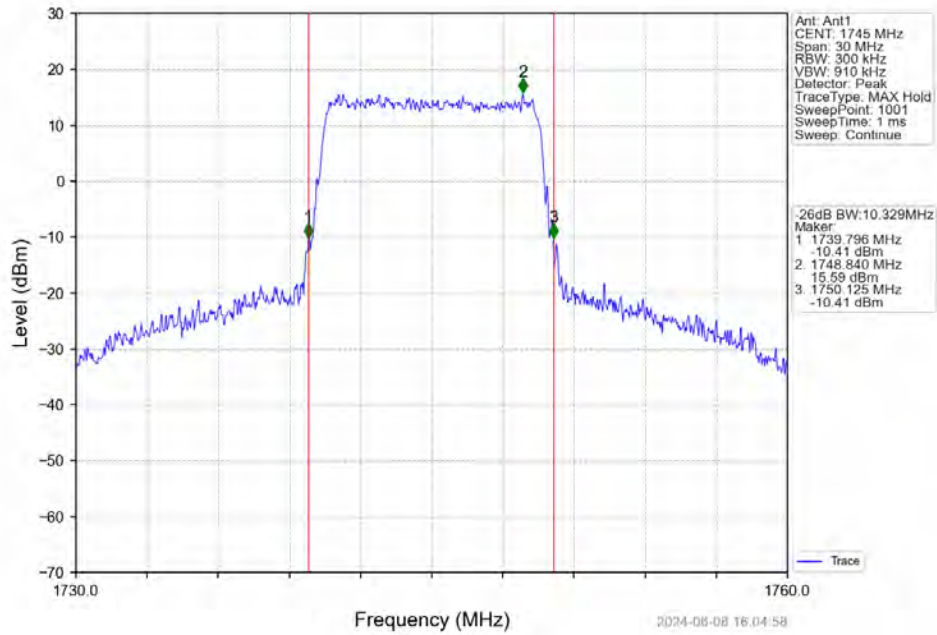
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



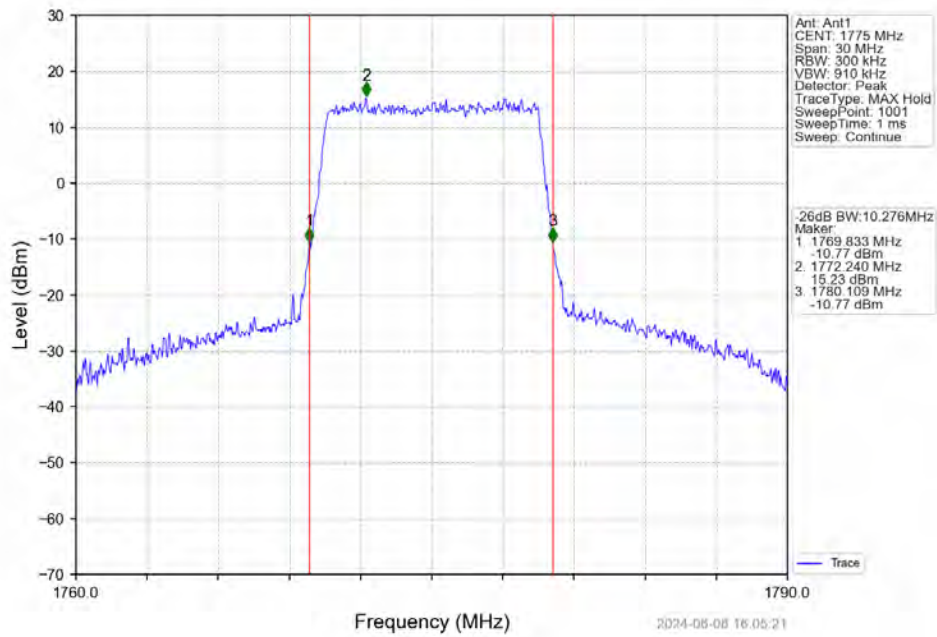
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



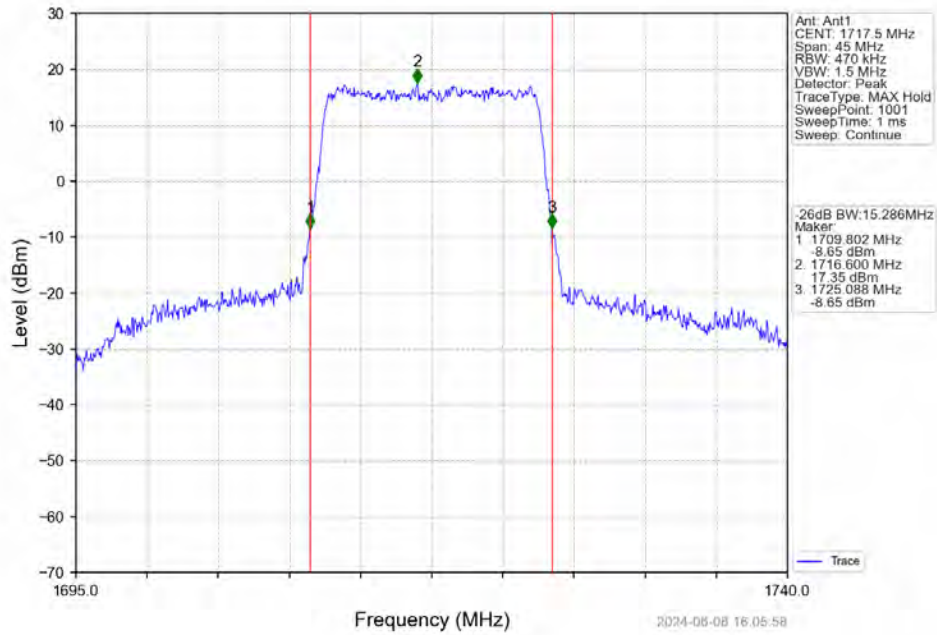
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



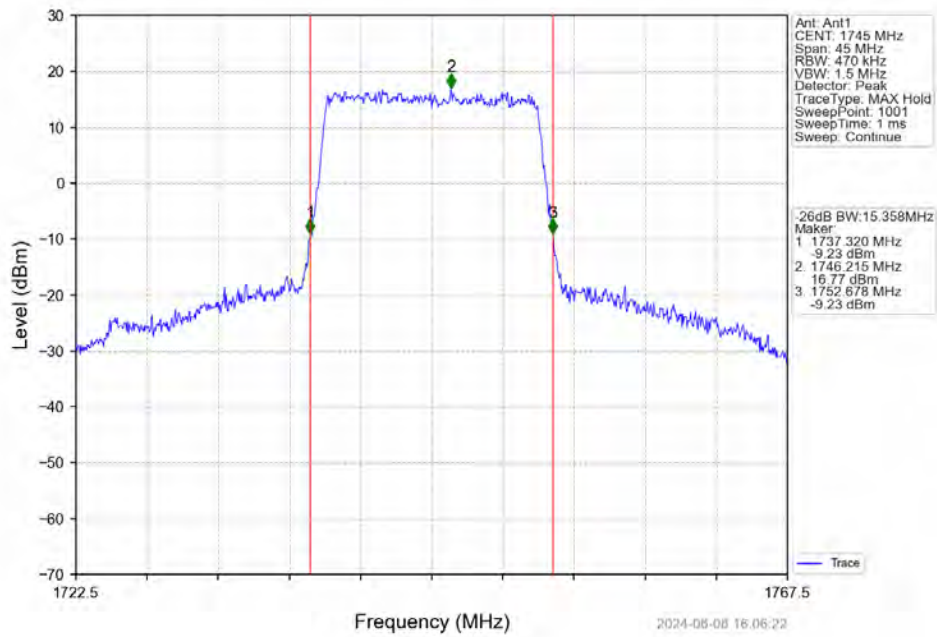
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



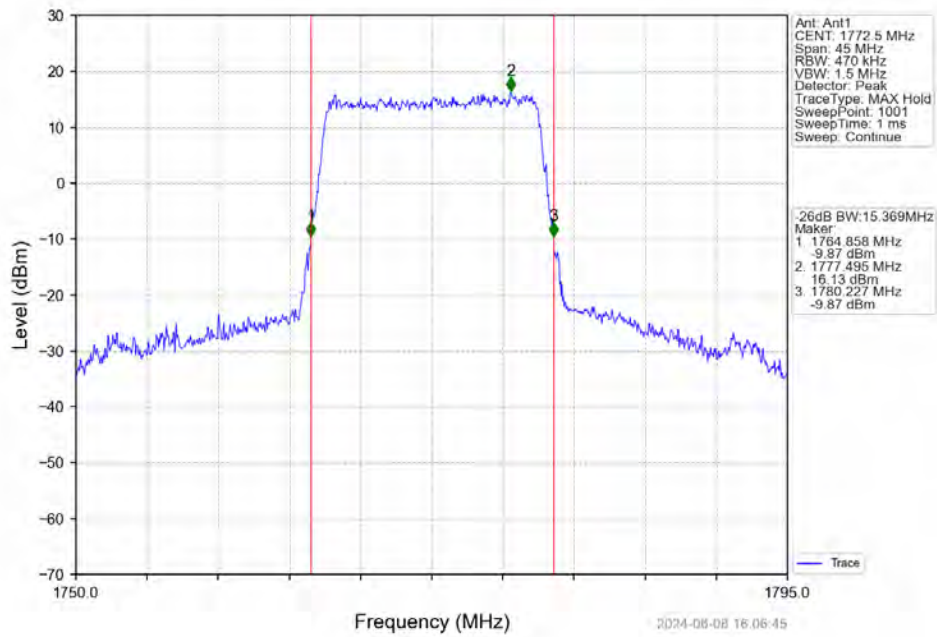
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



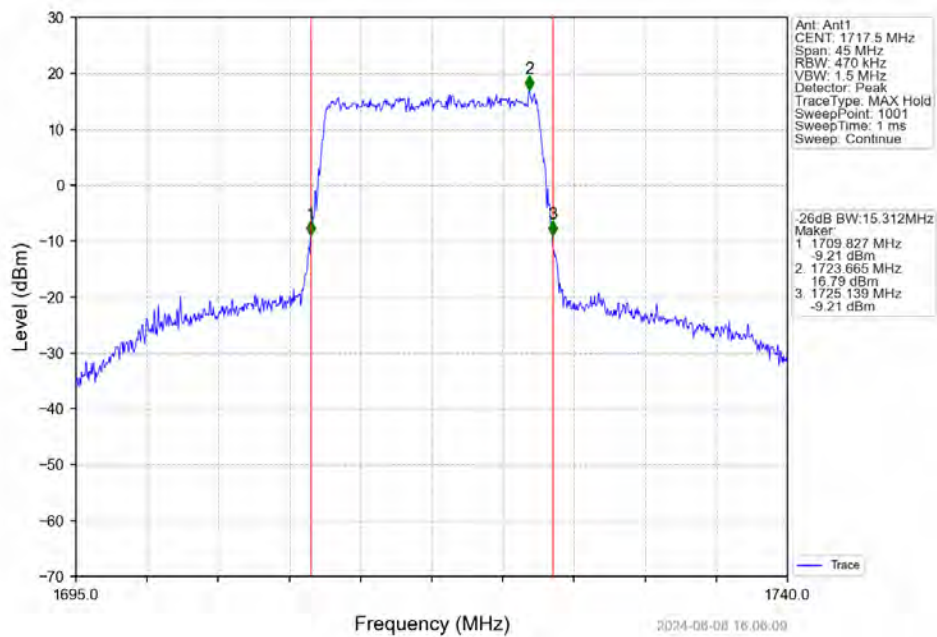
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



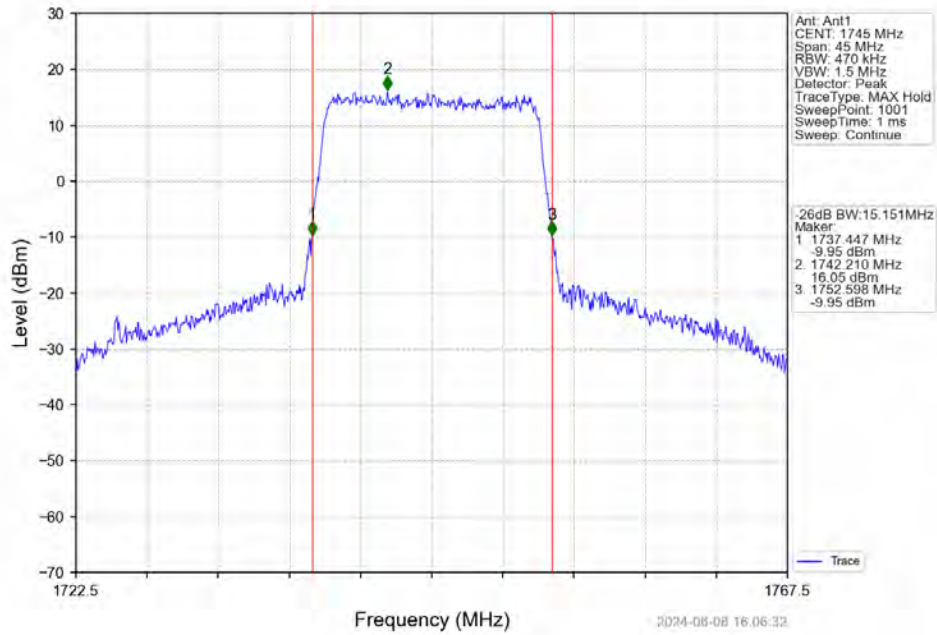
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



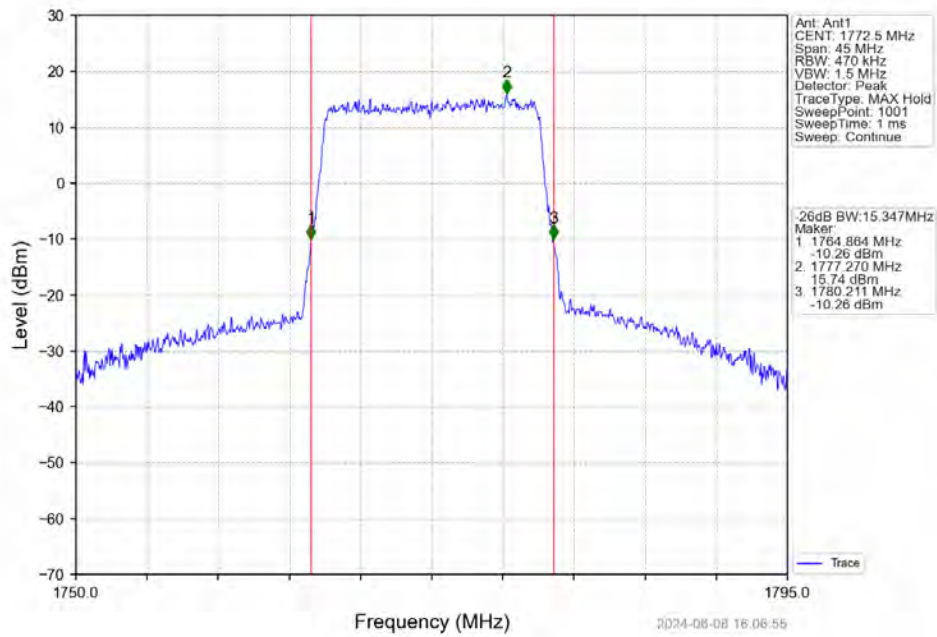
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



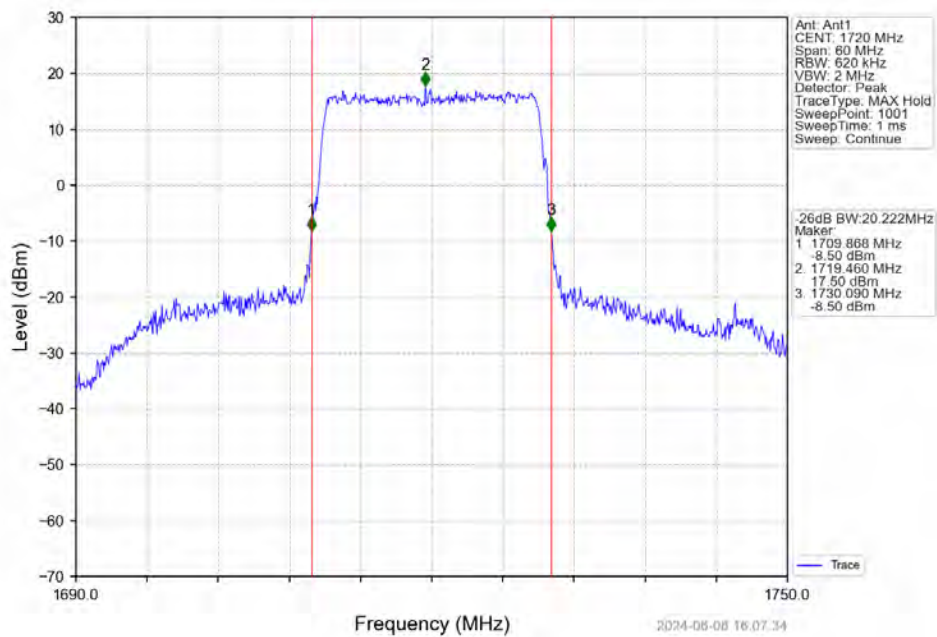
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTN



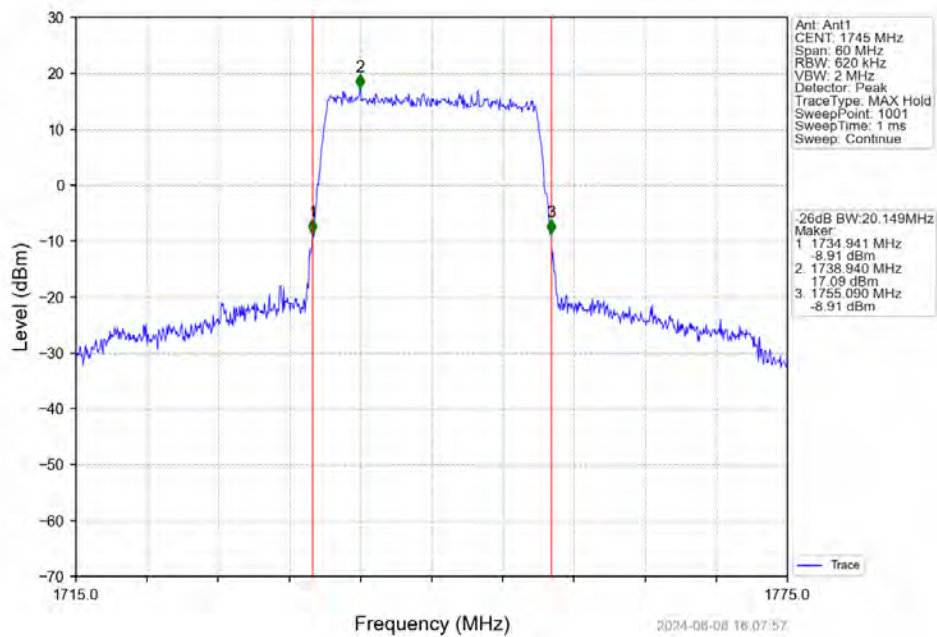
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTN



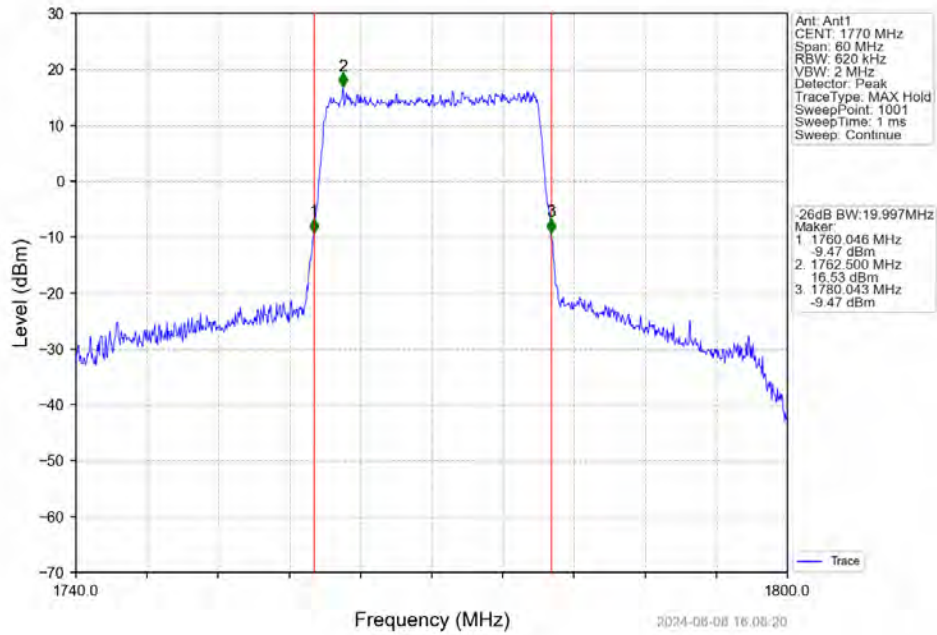
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



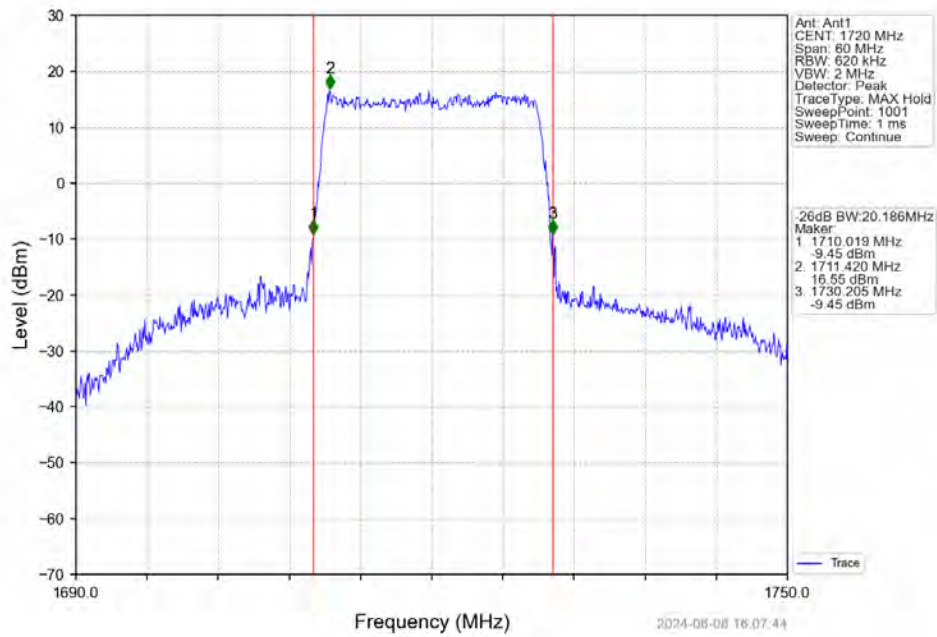
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



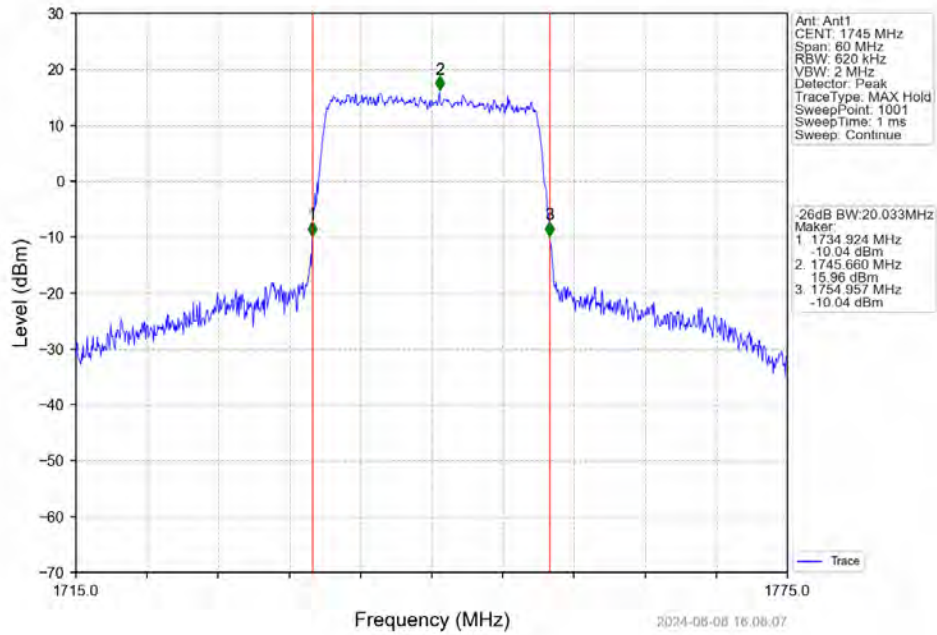
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



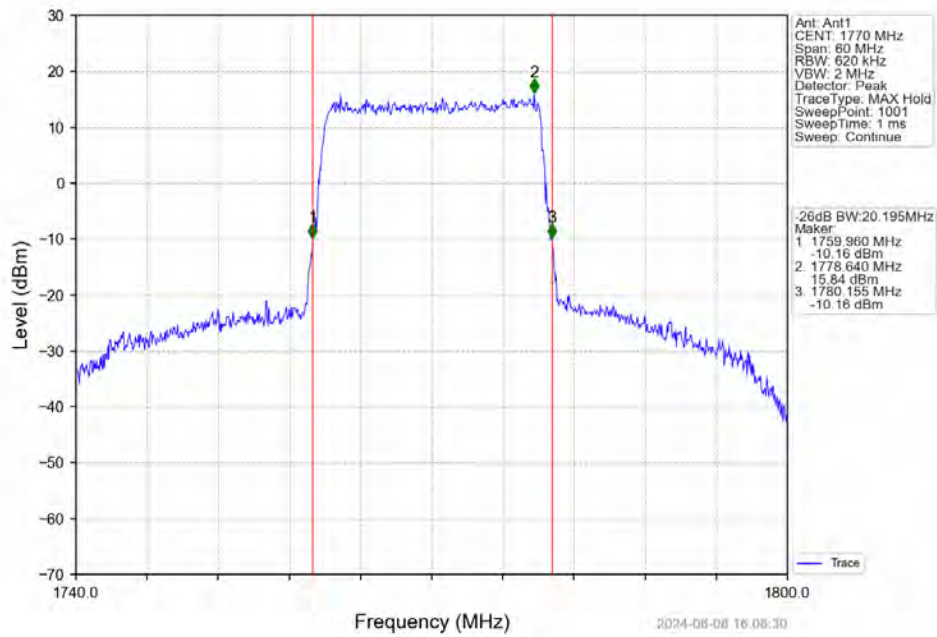
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



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



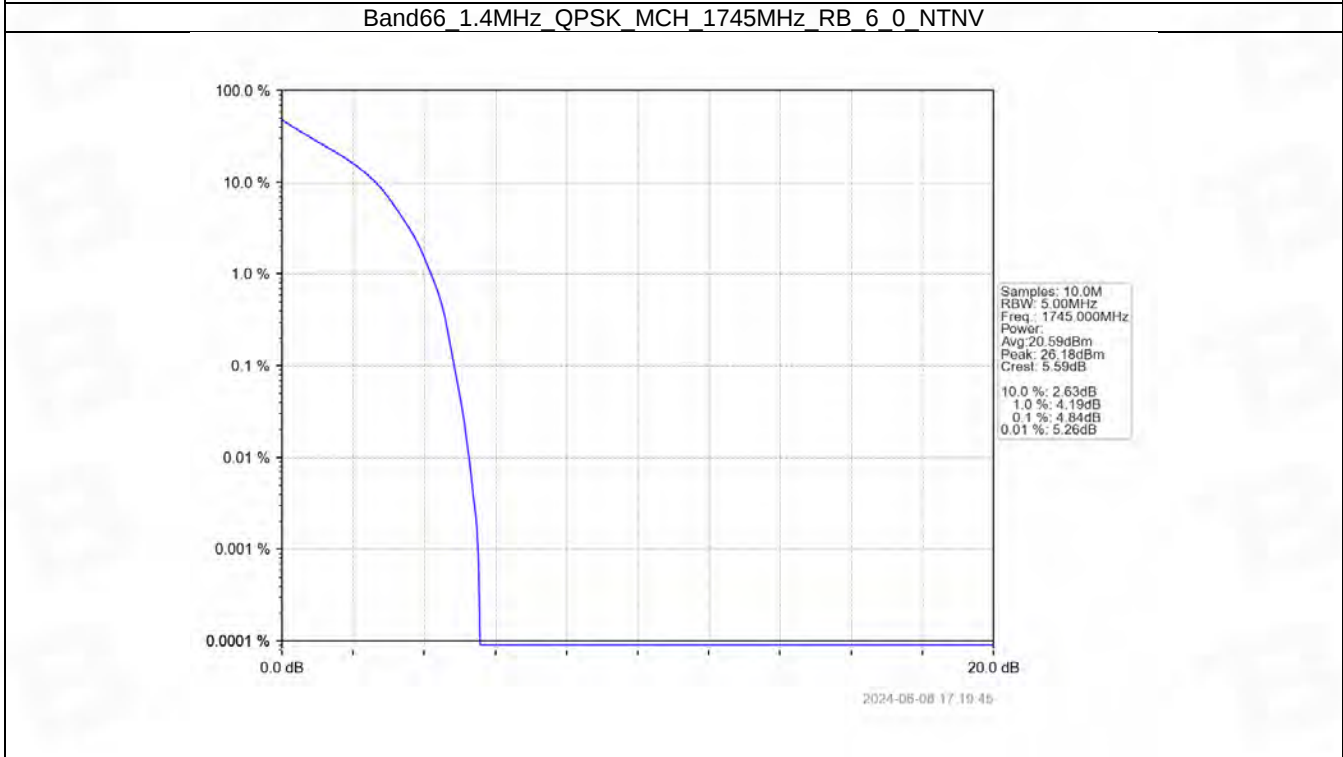
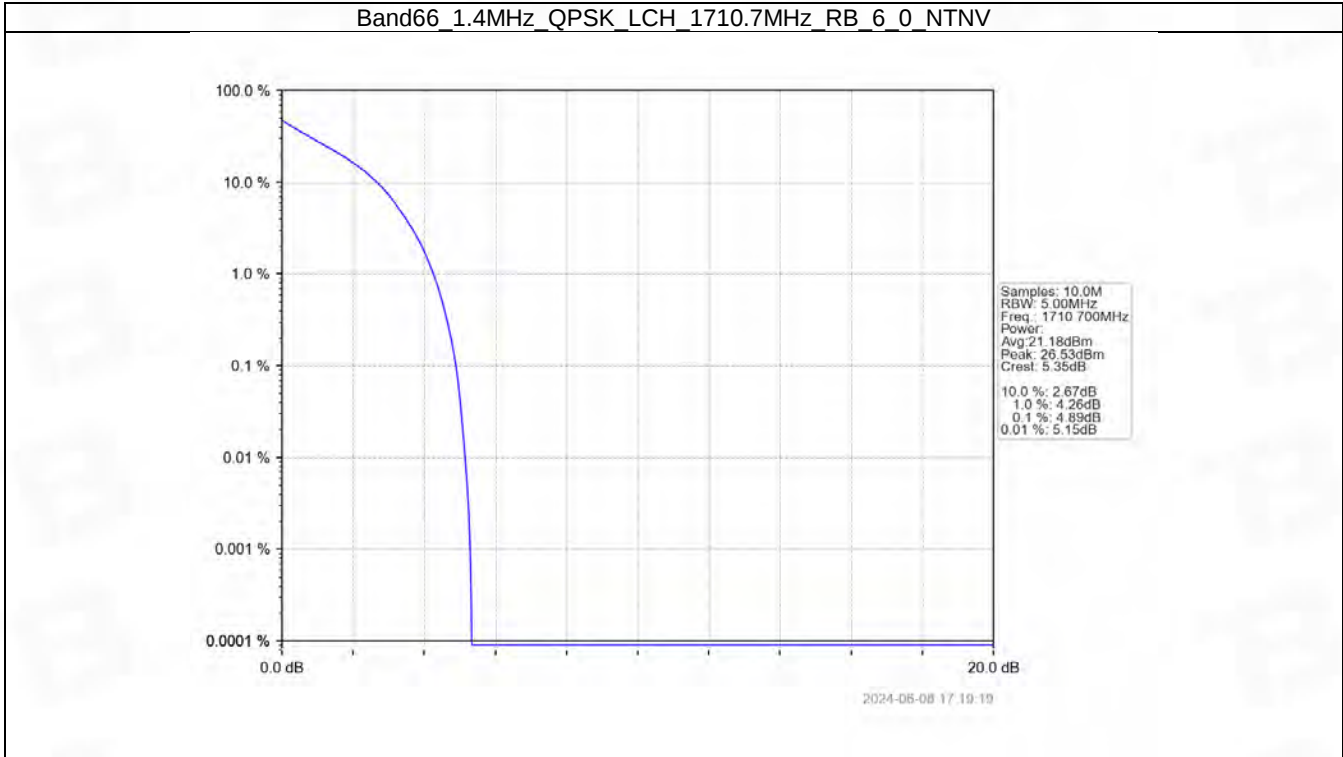
5. Peak-Average Ratio

5.1 B66_1.4MHz

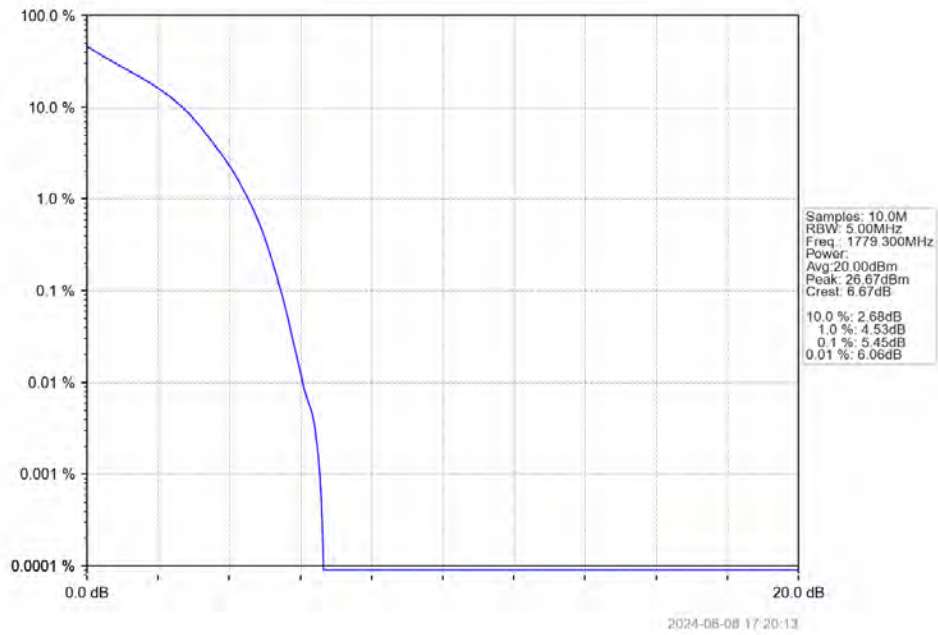
5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.89	<=13	Pass
	1745	6	0	4.84	<=13	Pass
	1779.3	6	0	5.45	<=13	Pass
16QAM	1710.7	6	0	5.76	<=13	Pass
	1745	6	0	5.78	<=13	Pass
	1779.3	6	0	6.27	<=13	Pass

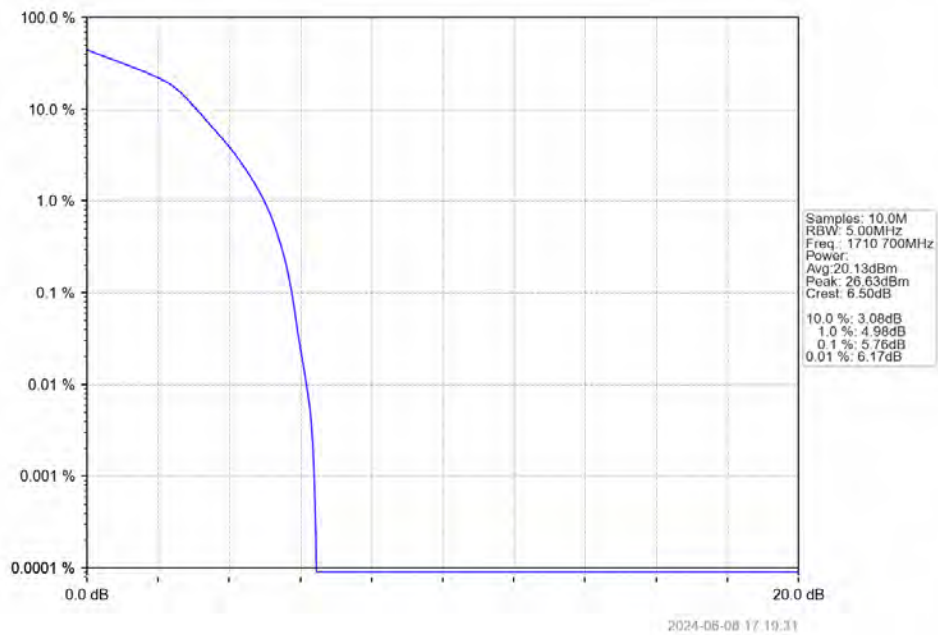
5.1.2 Test Graph



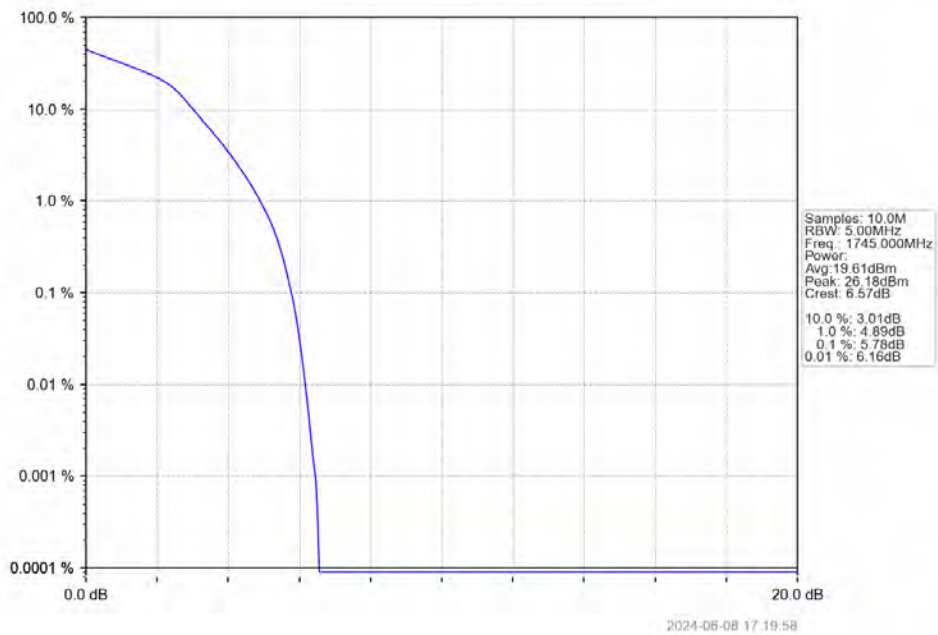
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6.0 NTNV



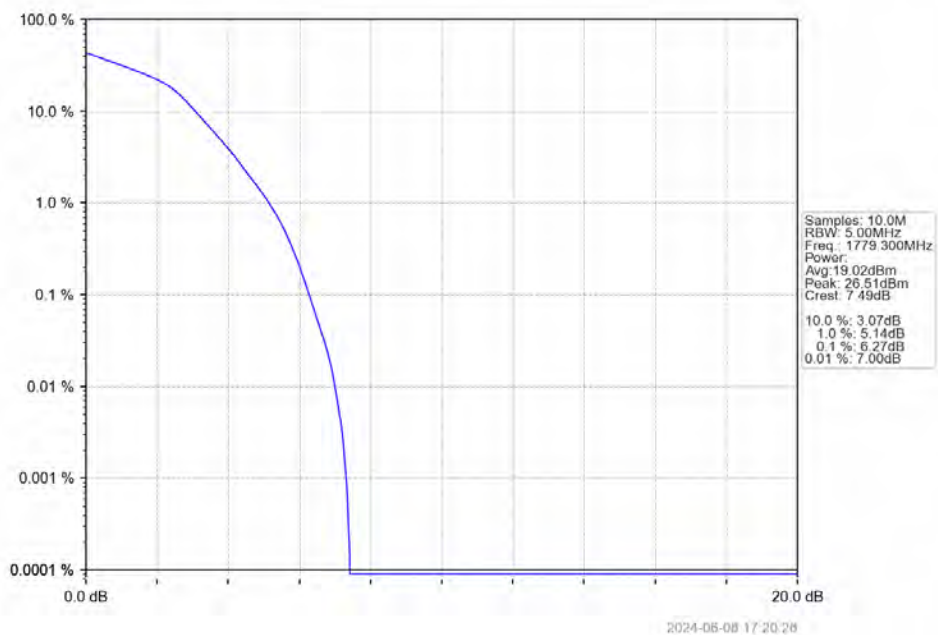
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6.0 NTNV



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



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

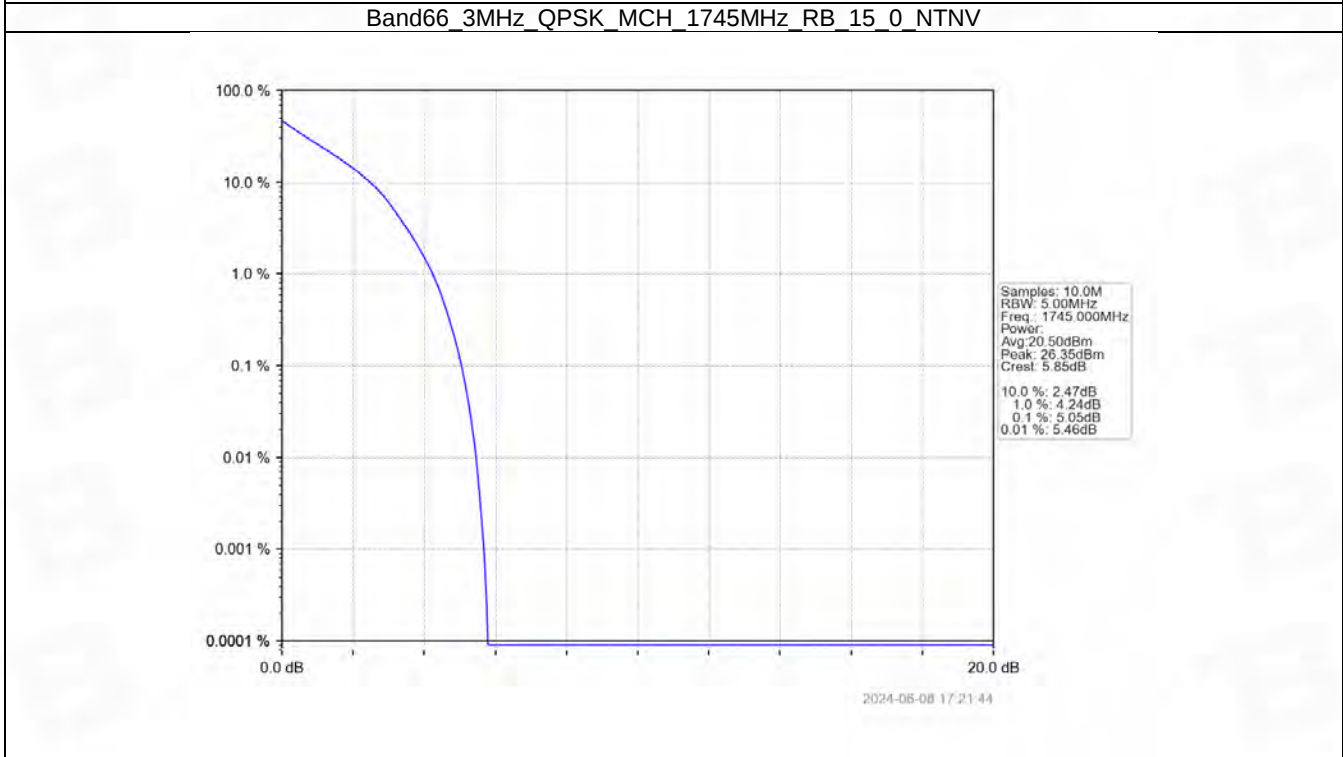
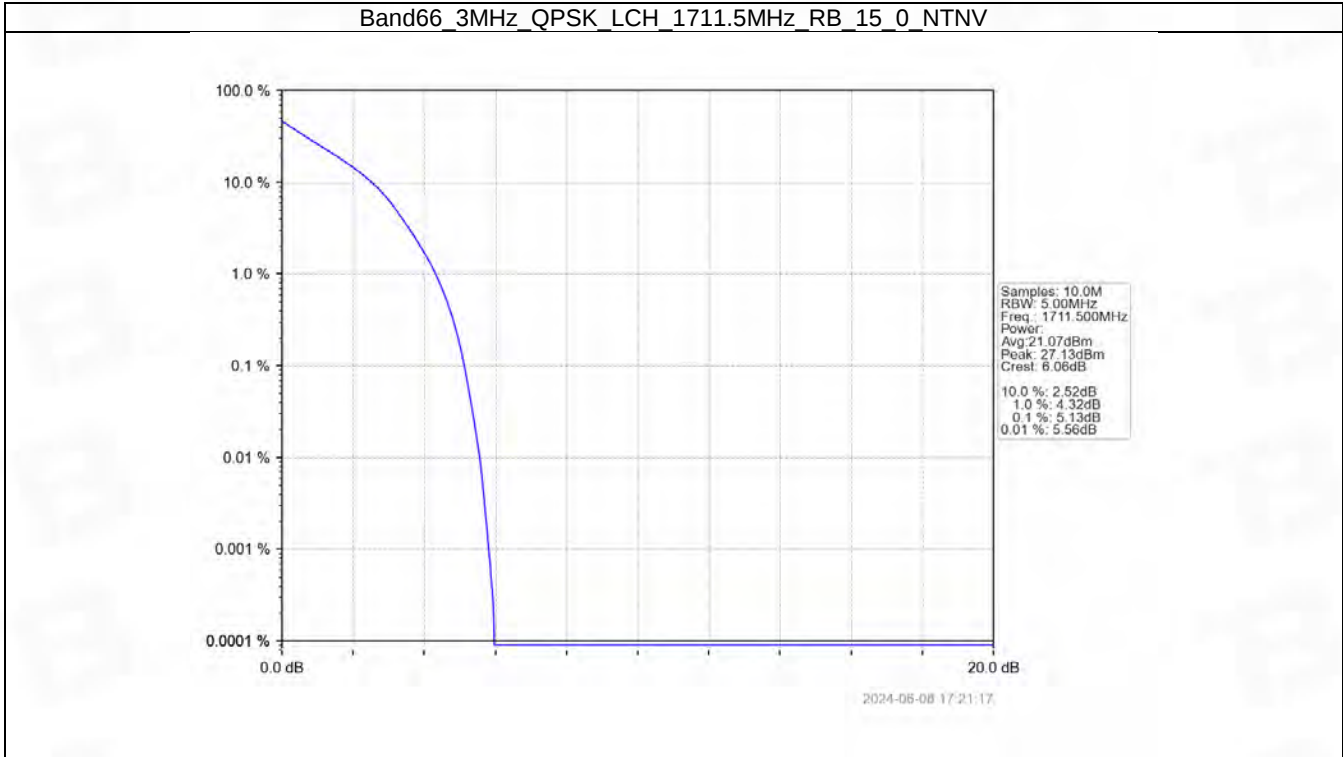


5.2 B66_3MHz

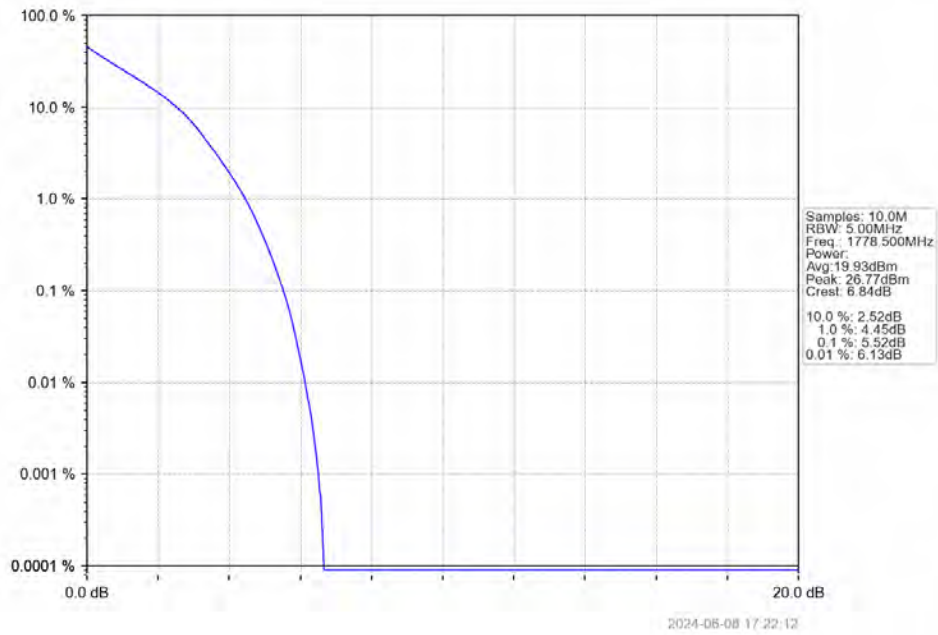
5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.13	<=13	Pass
	1745	15	0	5.05	<=13	Pass
	1778.5	15	0	5.52	<=13	Pass
16QAM	1711.5	15	0	5.98	<=13	Pass
	1745	15	0	5.93	<=13	Pass
	1778.5	15	0	6.35	<=13	Pass

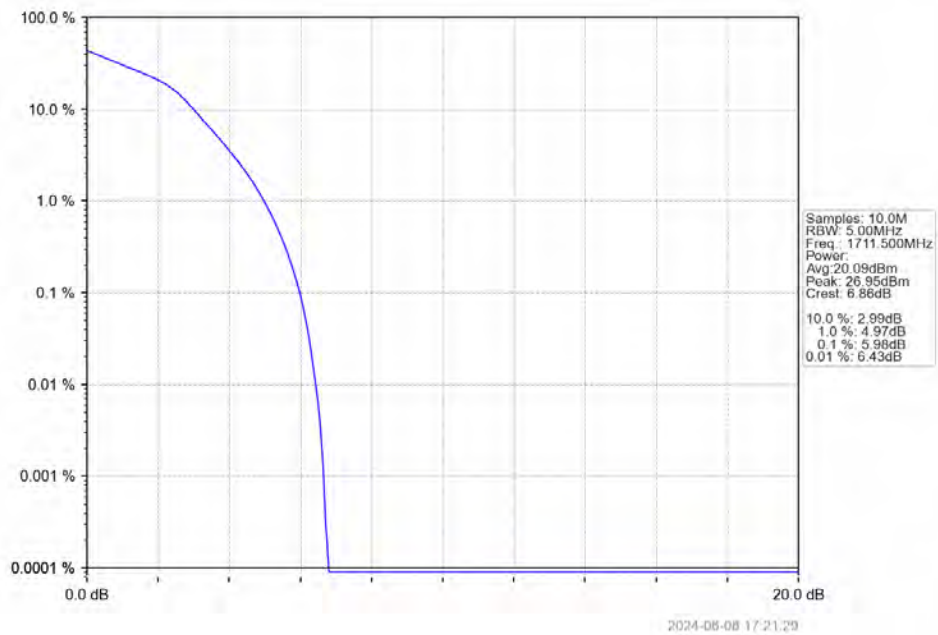
5.2.2 Test Graph



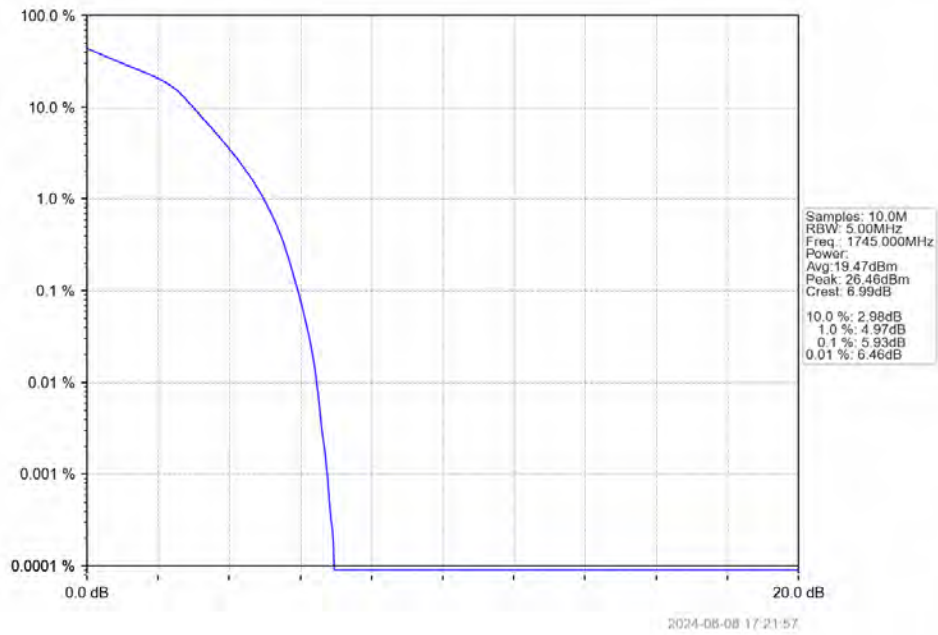
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



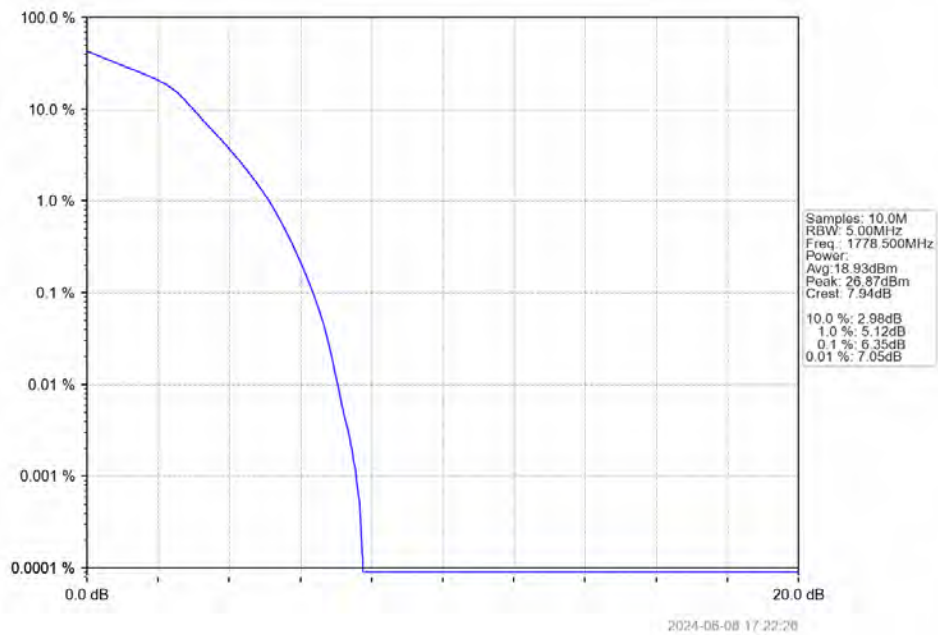
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



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



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

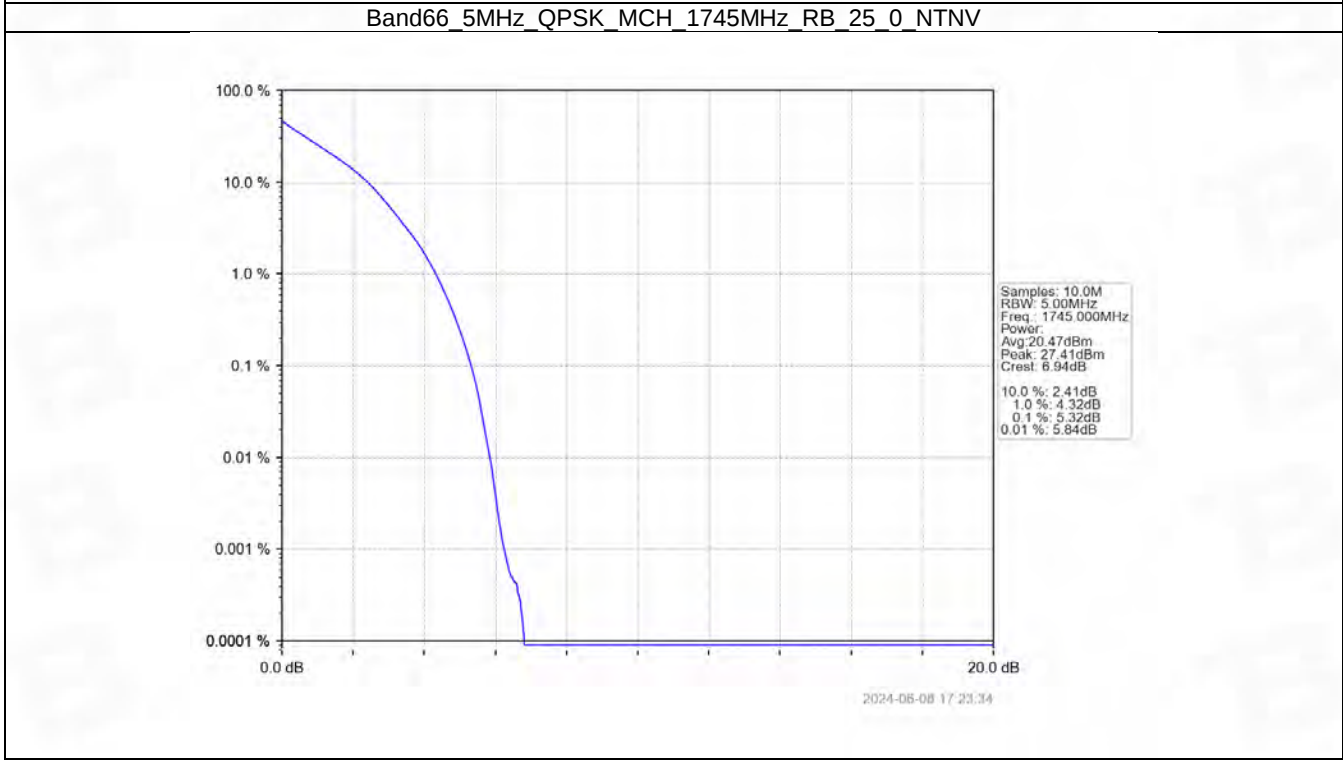
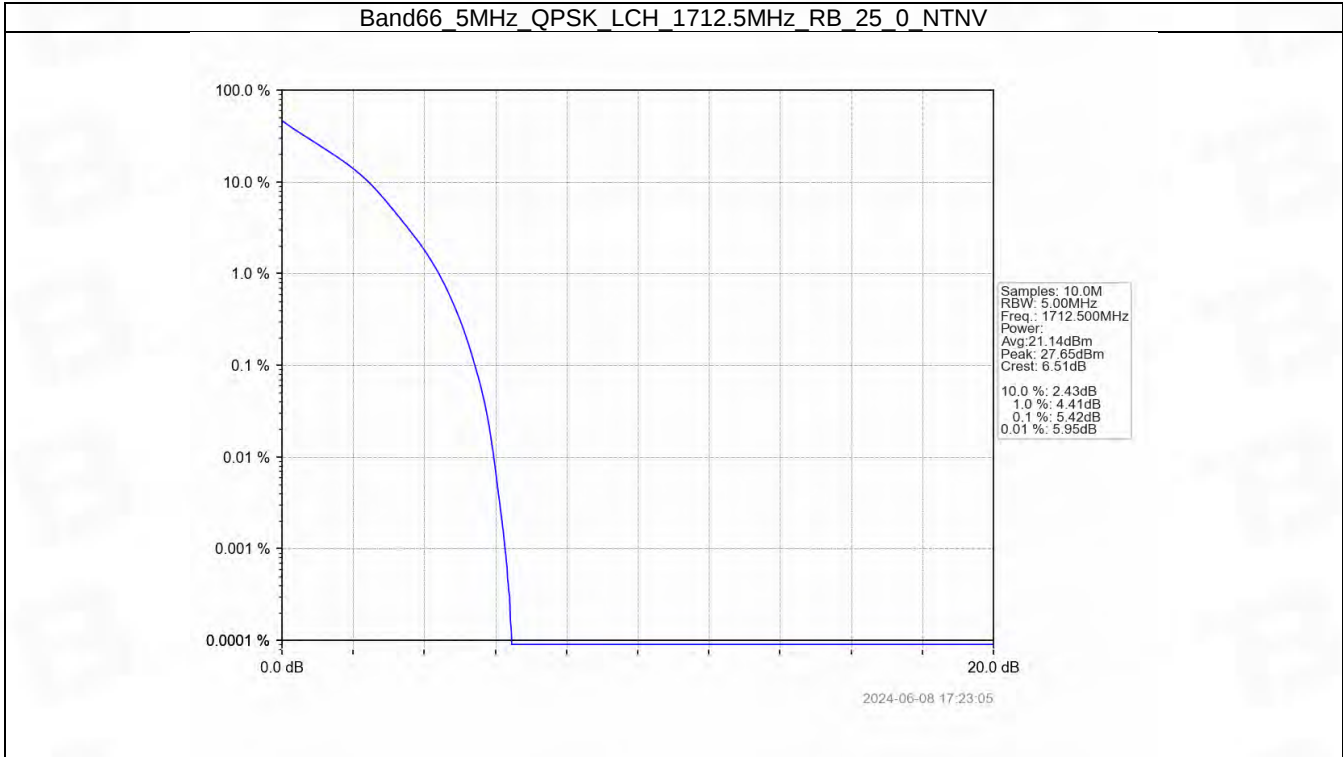


5.3 B66_5MHz

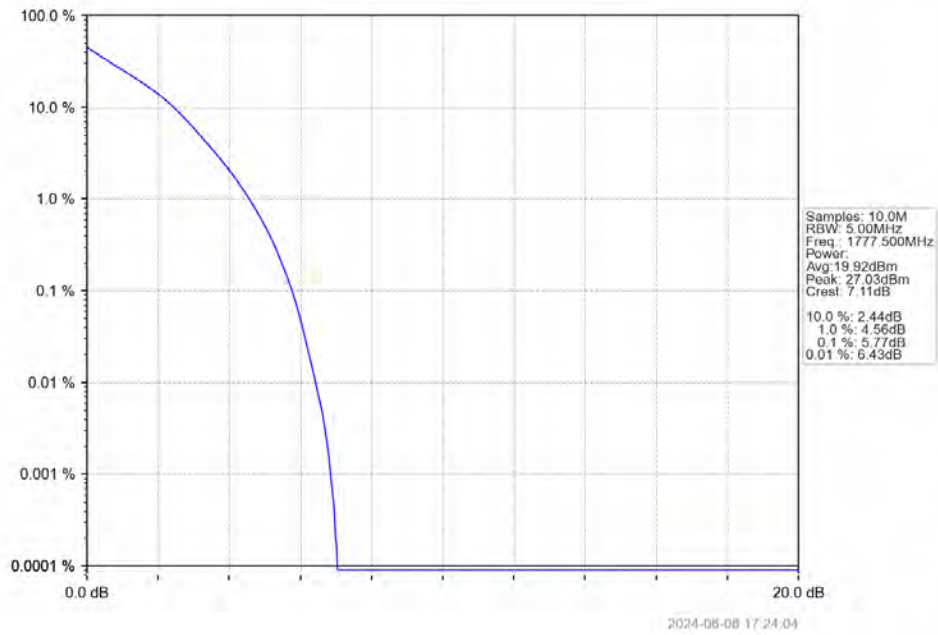
5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.42	<=13	Pass
	1745	25	0	5.32	<=13	Pass
	1777.5	25	0	5.77	<=13	Pass
16QAM	1712.5	25	0	6.17	<=13	Pass
	1745	25	0	6.05	<=13	Pass
	1777.5	25	0	6.47	<=13	Pass

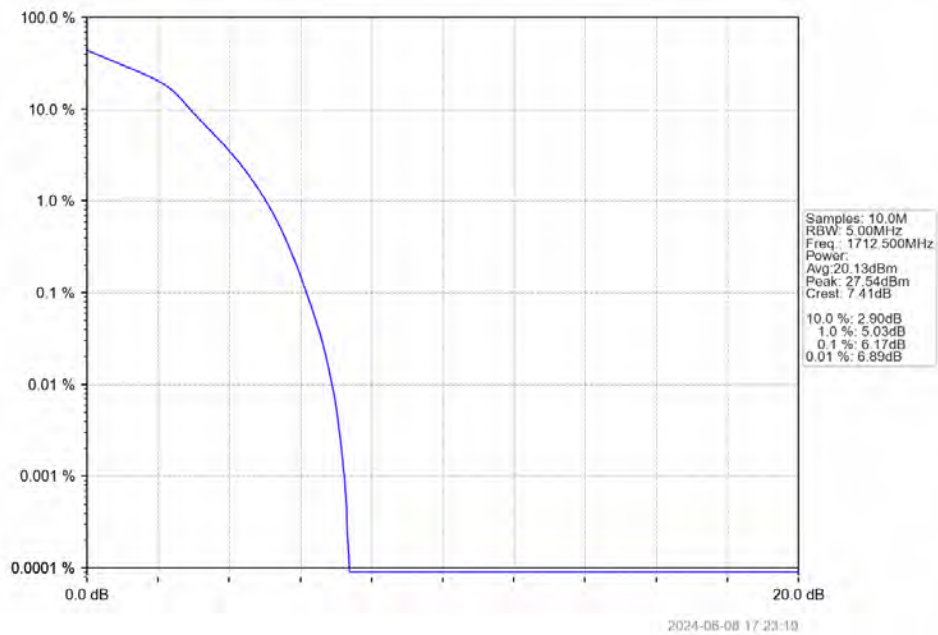
5.3.2 Test Graph



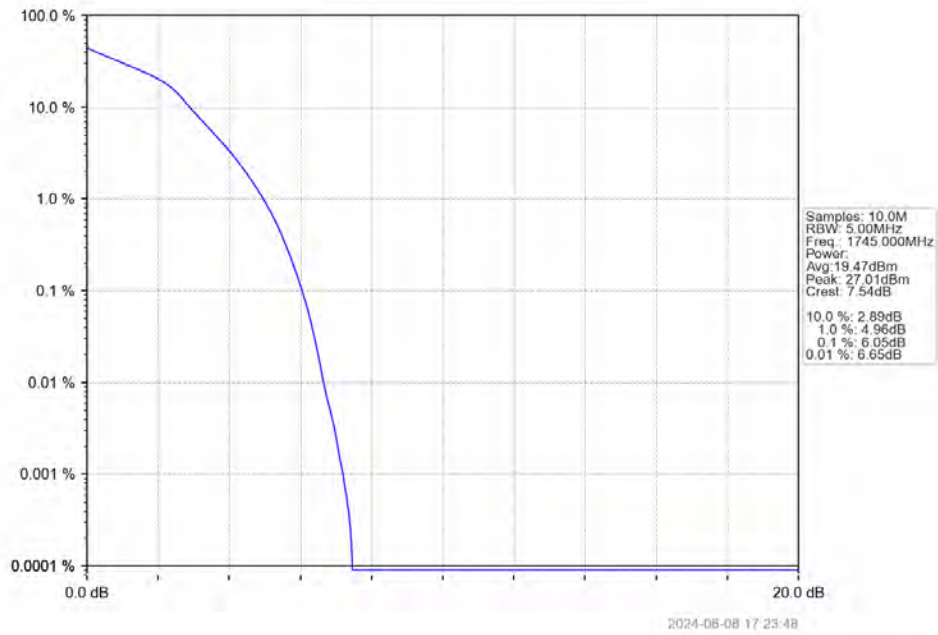
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



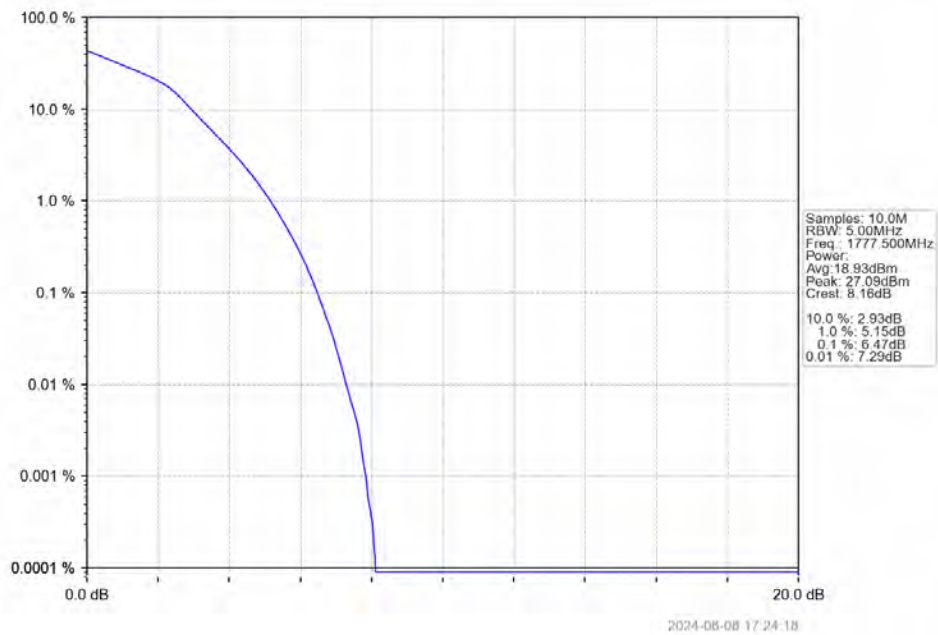
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



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



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

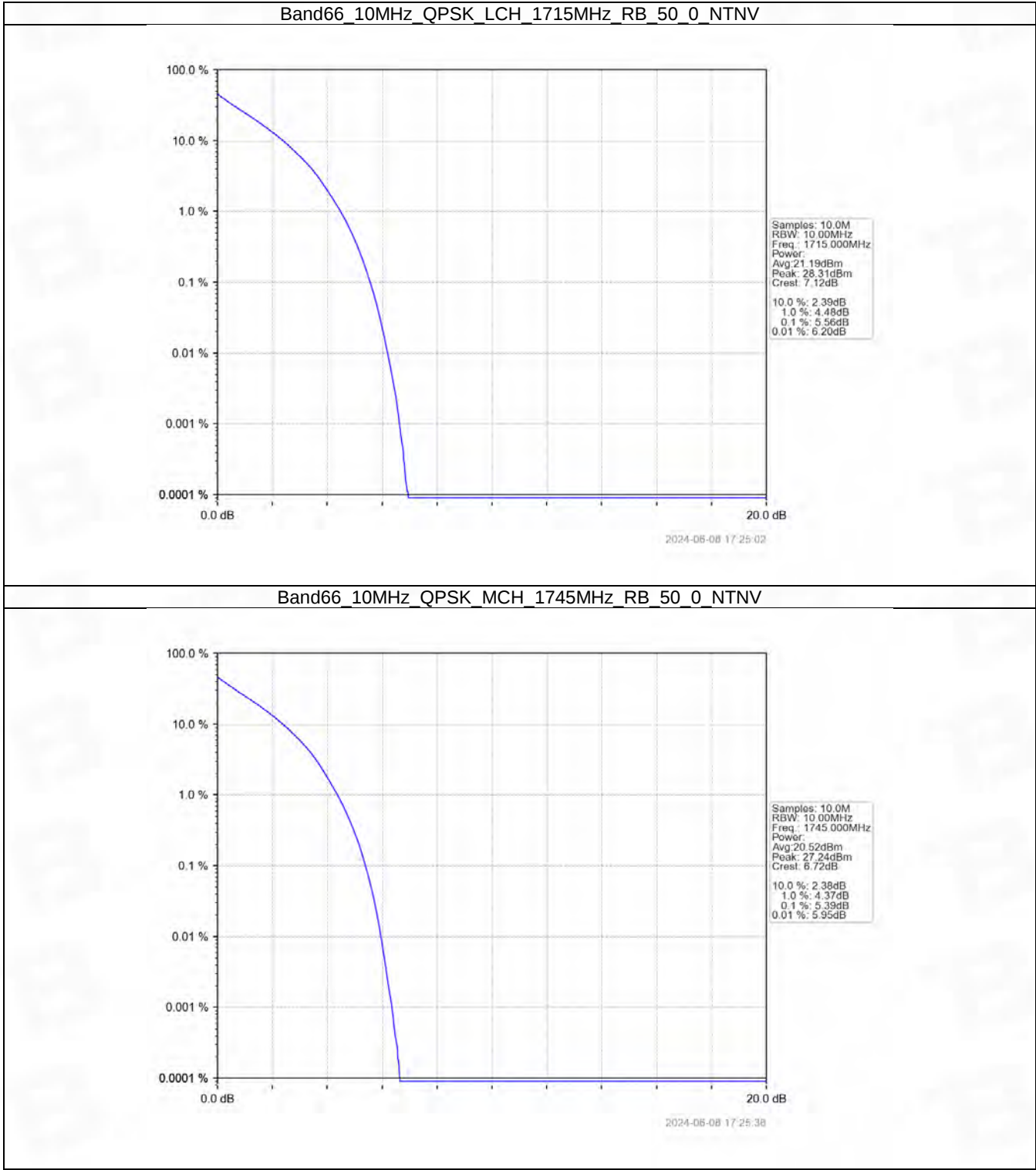


5.4 B66_10MHz

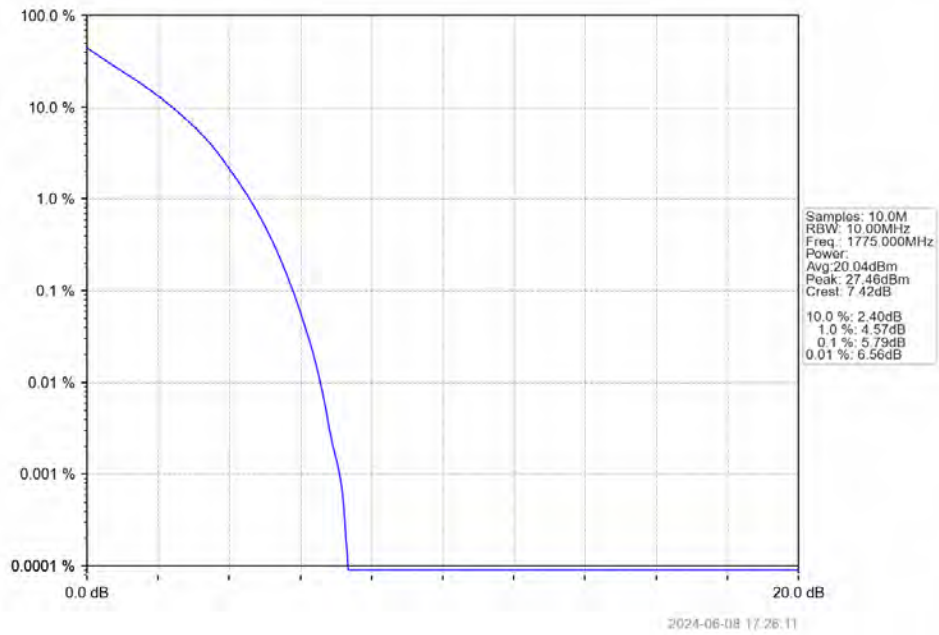
5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.56	<=13	Pass
	1745	50	0	5.39	<=13	Pass
	1775	50	0	5.79	<=13	Pass
16QAM	1715	50	0	6.33	<=13	Pass
	1745	50	0	6.19	<=13	Pass
	1775	50	0	6.52	<=13	Pass

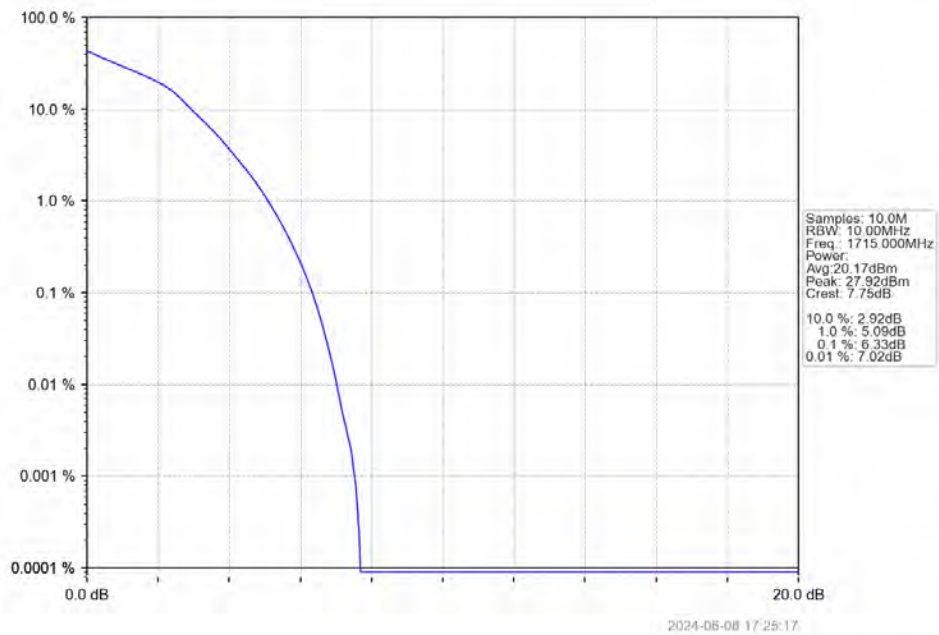
5.4.2 Test Graph



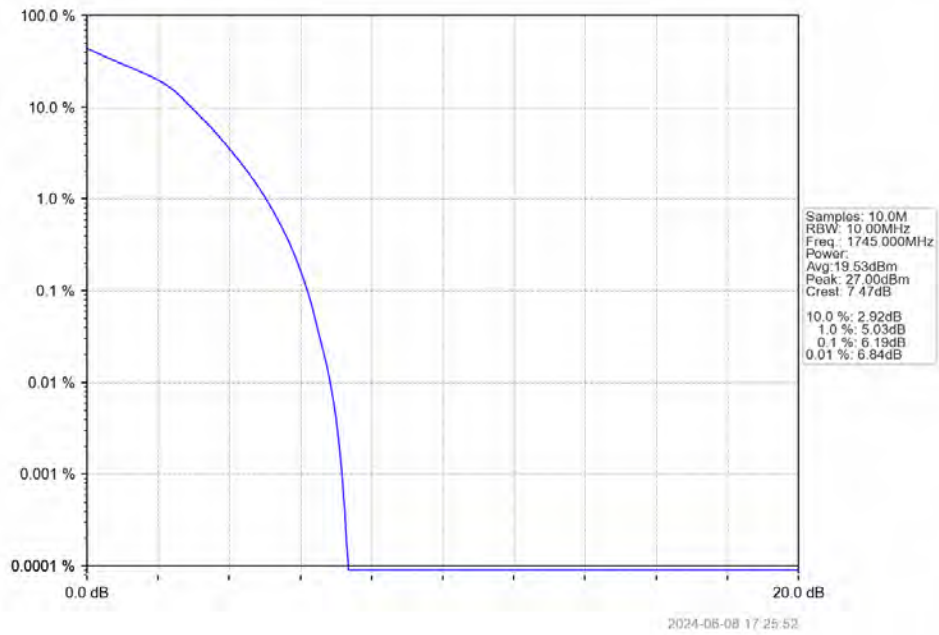
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



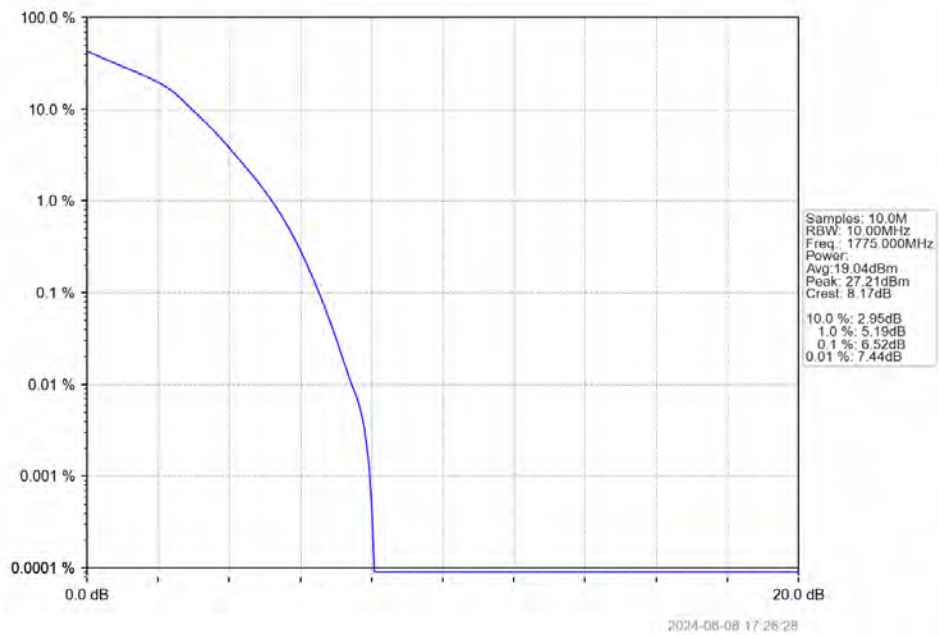
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



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



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

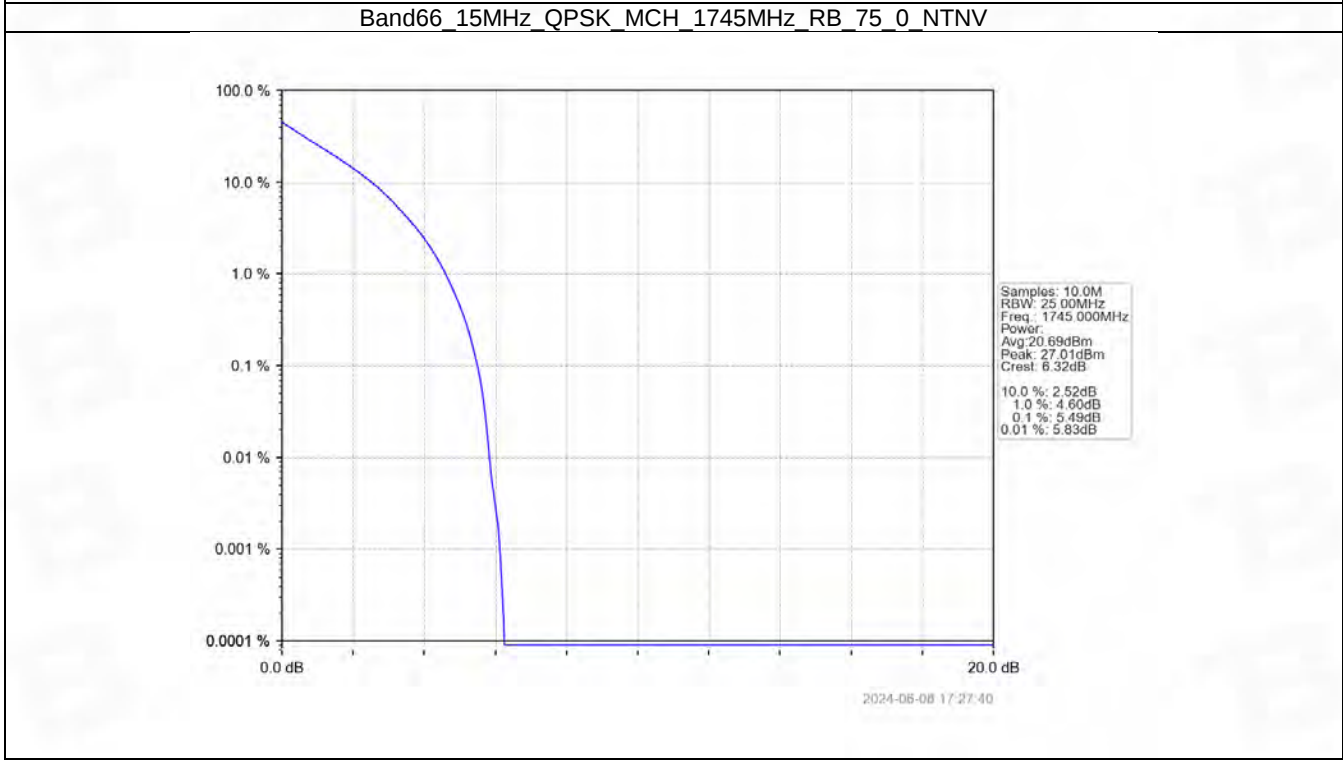
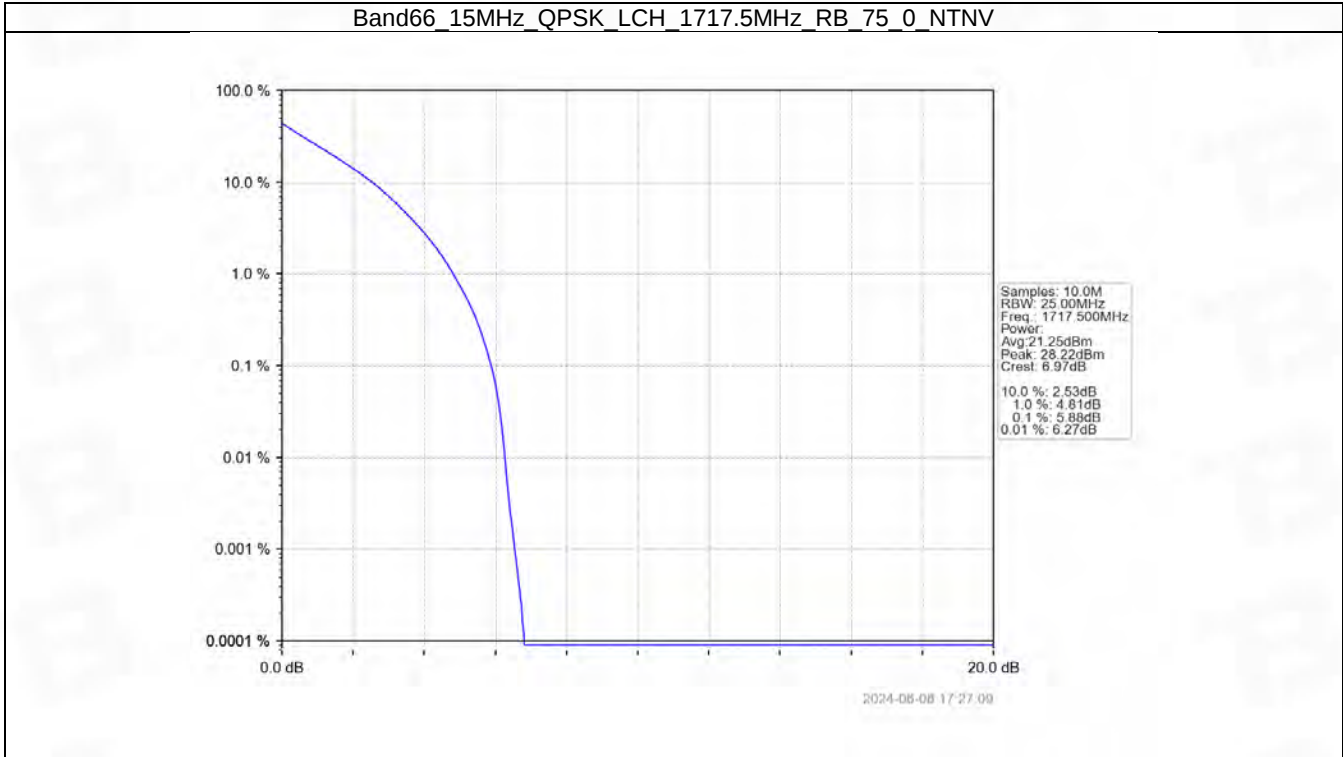


5.5 B66_15MHz

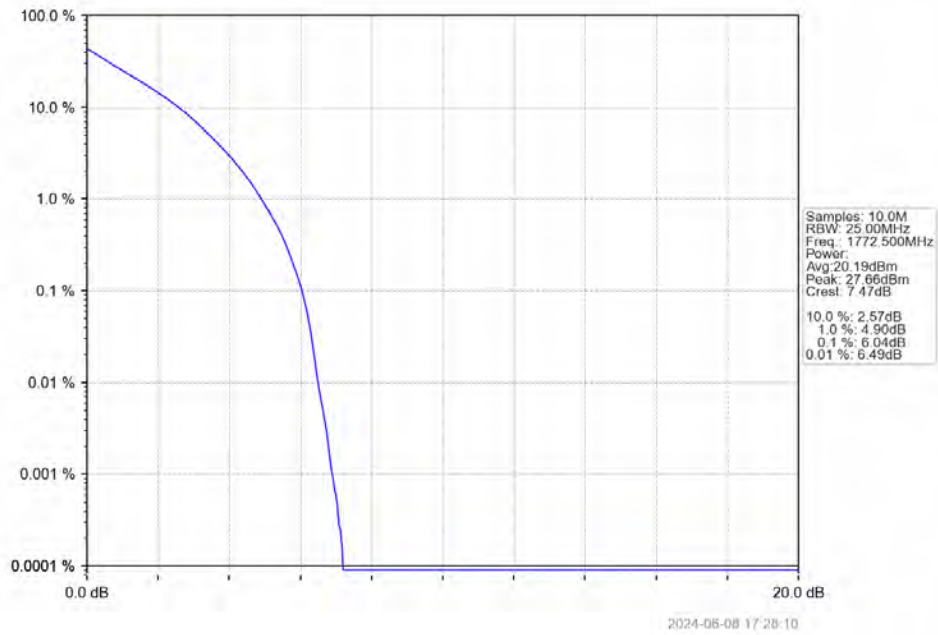
5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.88	<=13	Pass
	1745	75	0	5.49	<=13	Pass
	1772.5	75	0	6.04	<=13	Pass
16QAM	1717.5	75	0	6.47	<=13	Pass
	1745	75	0	6.18	<=13	Pass
	1772.5	75	0	6.62	<=13	Pass

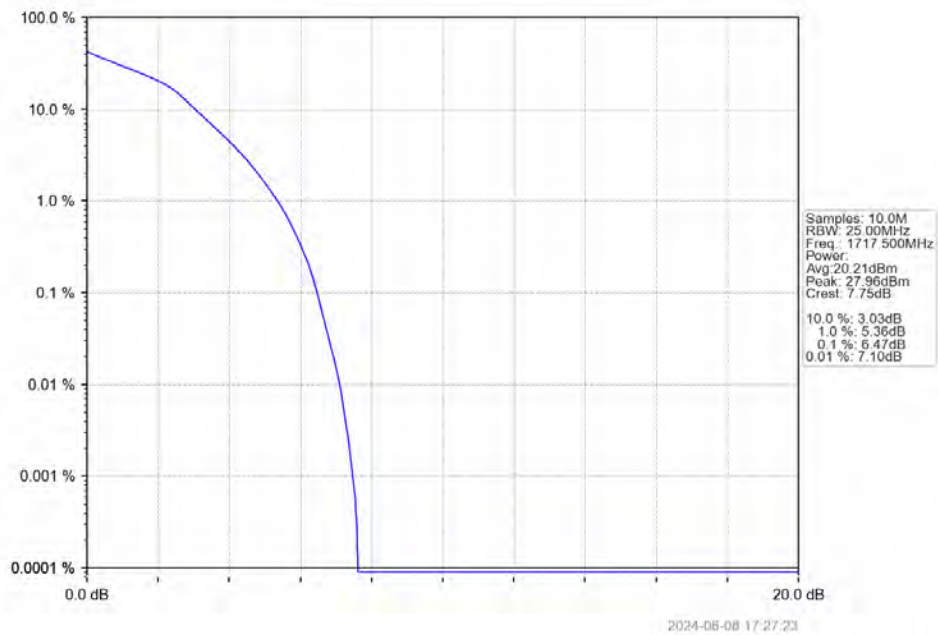
5.5.2 Test Graph



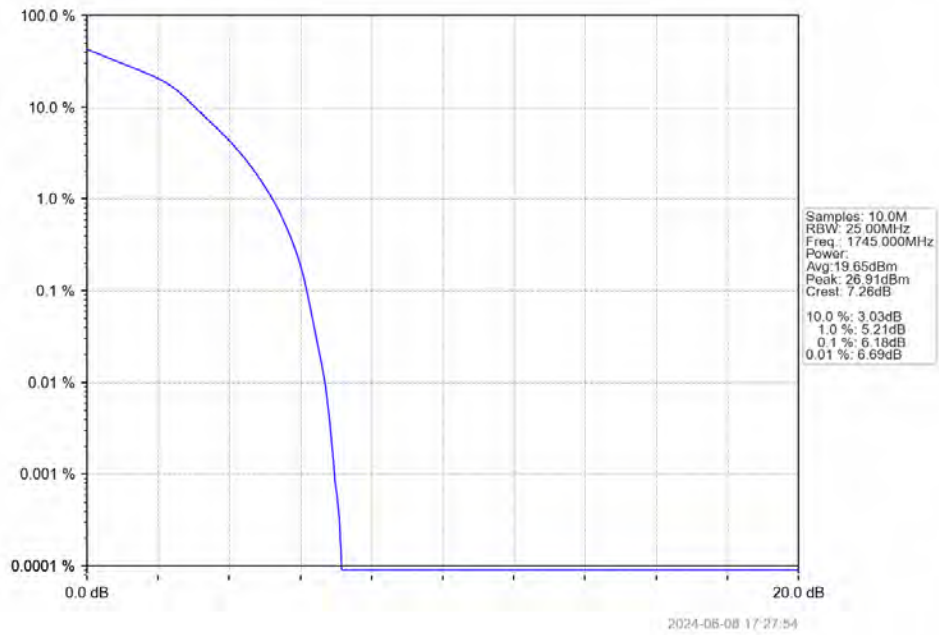
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



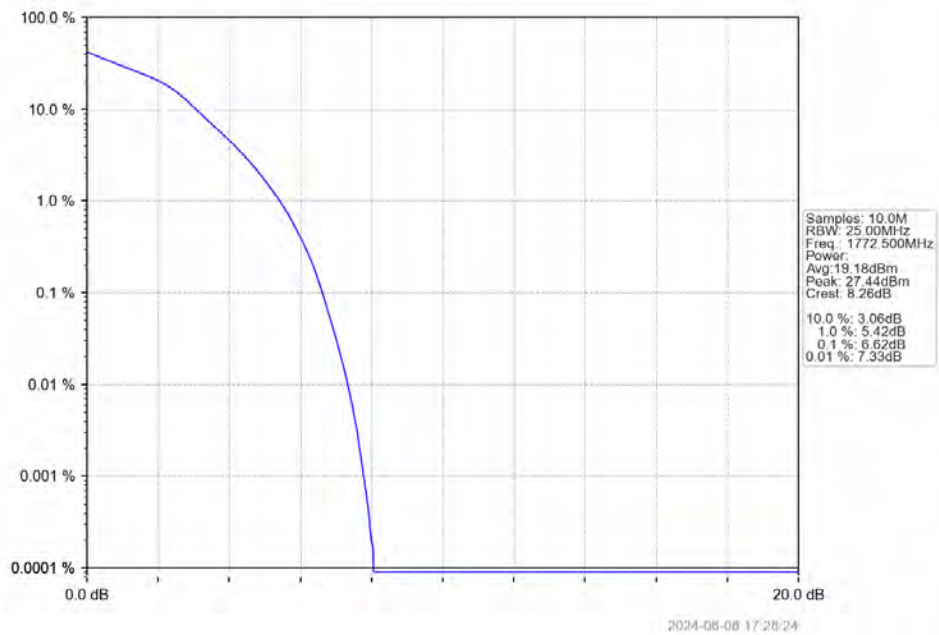
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



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



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

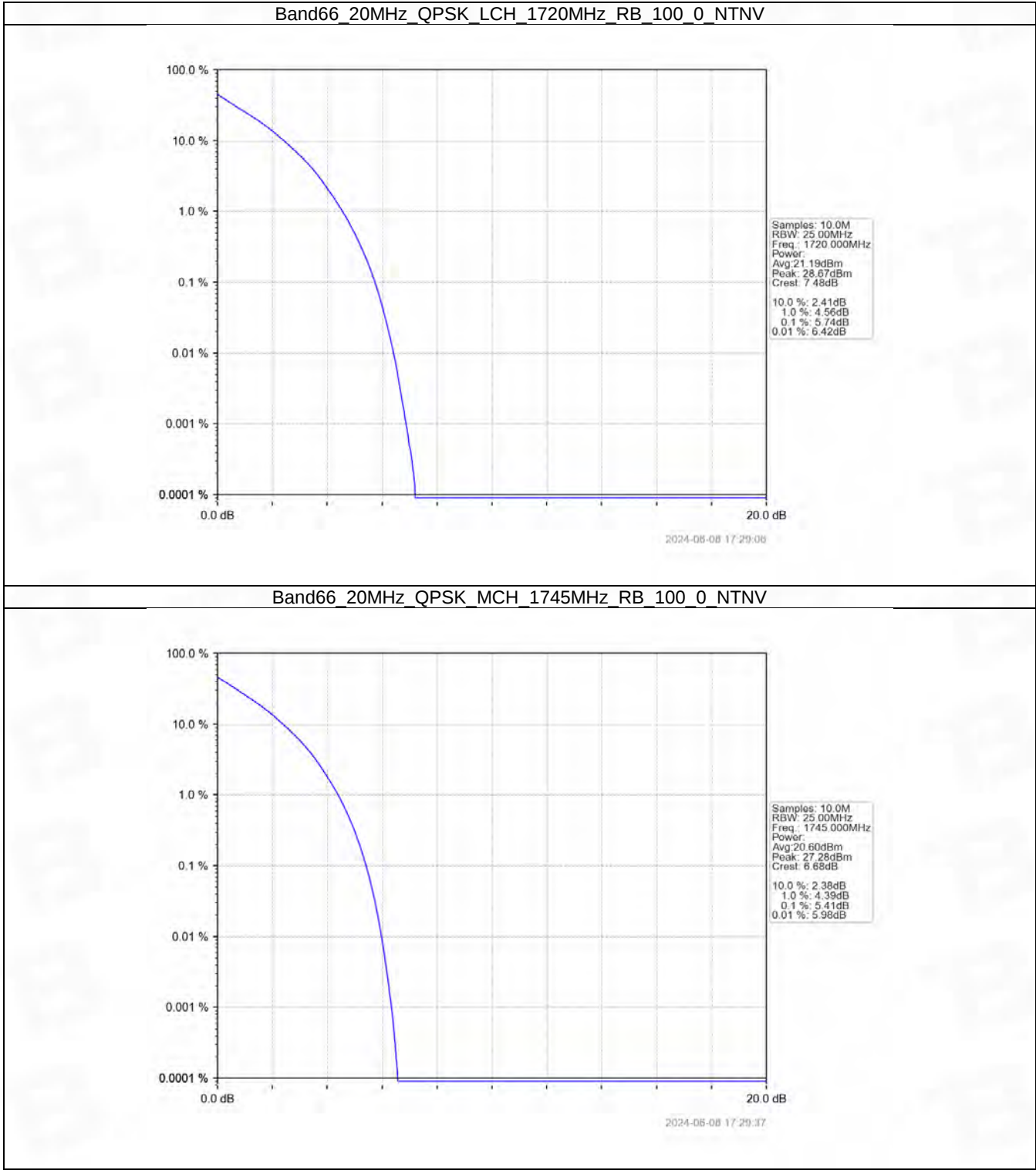


5.6 B66_20MHz

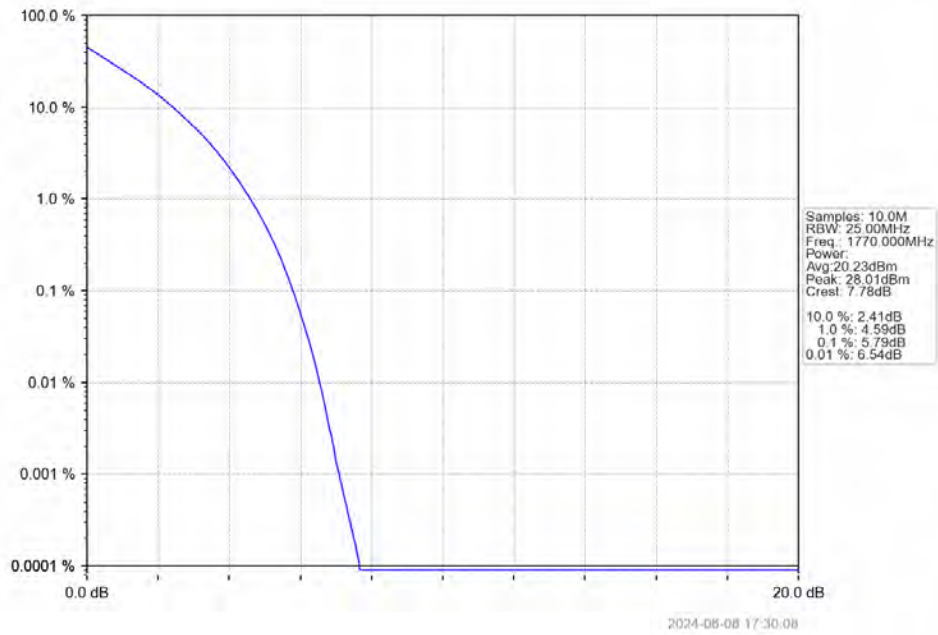
5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.74	<=13	Pass
	1745	100	0	5.41	<=13	Pass
	1770	100	0	5.79	<=13	Pass
16QAM	1720	100	0	6.45	<=13	Pass
	1745	100	0	6.22	<=13	Pass
	1770	100	0	6.58	<=13	Pass

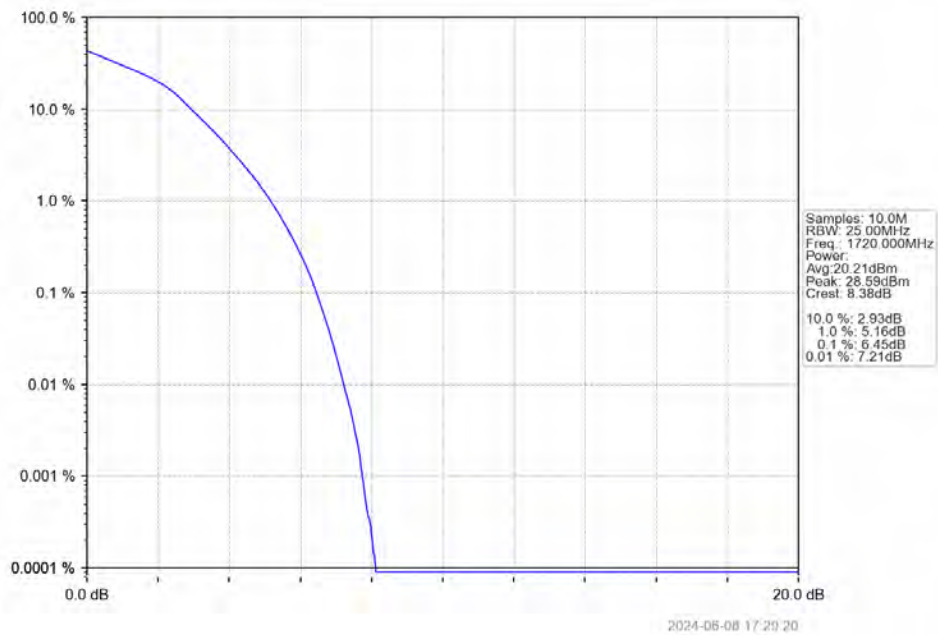
5.6.2 Test Graph



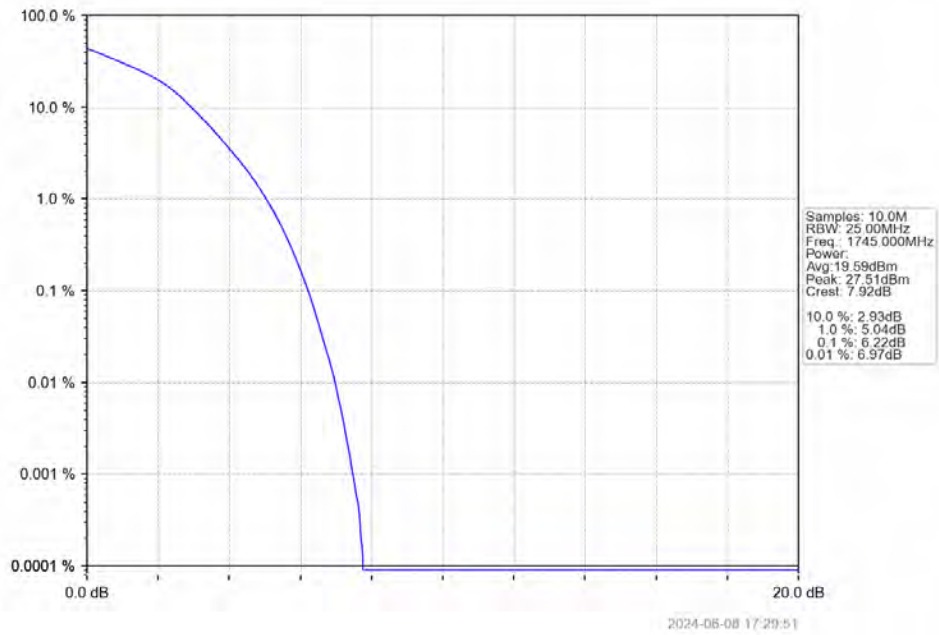
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



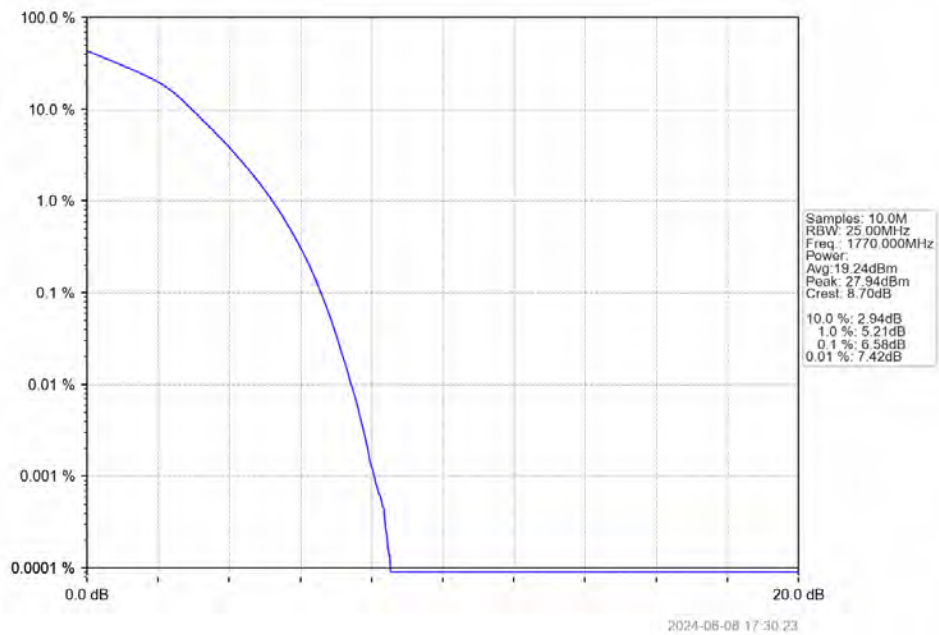
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



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



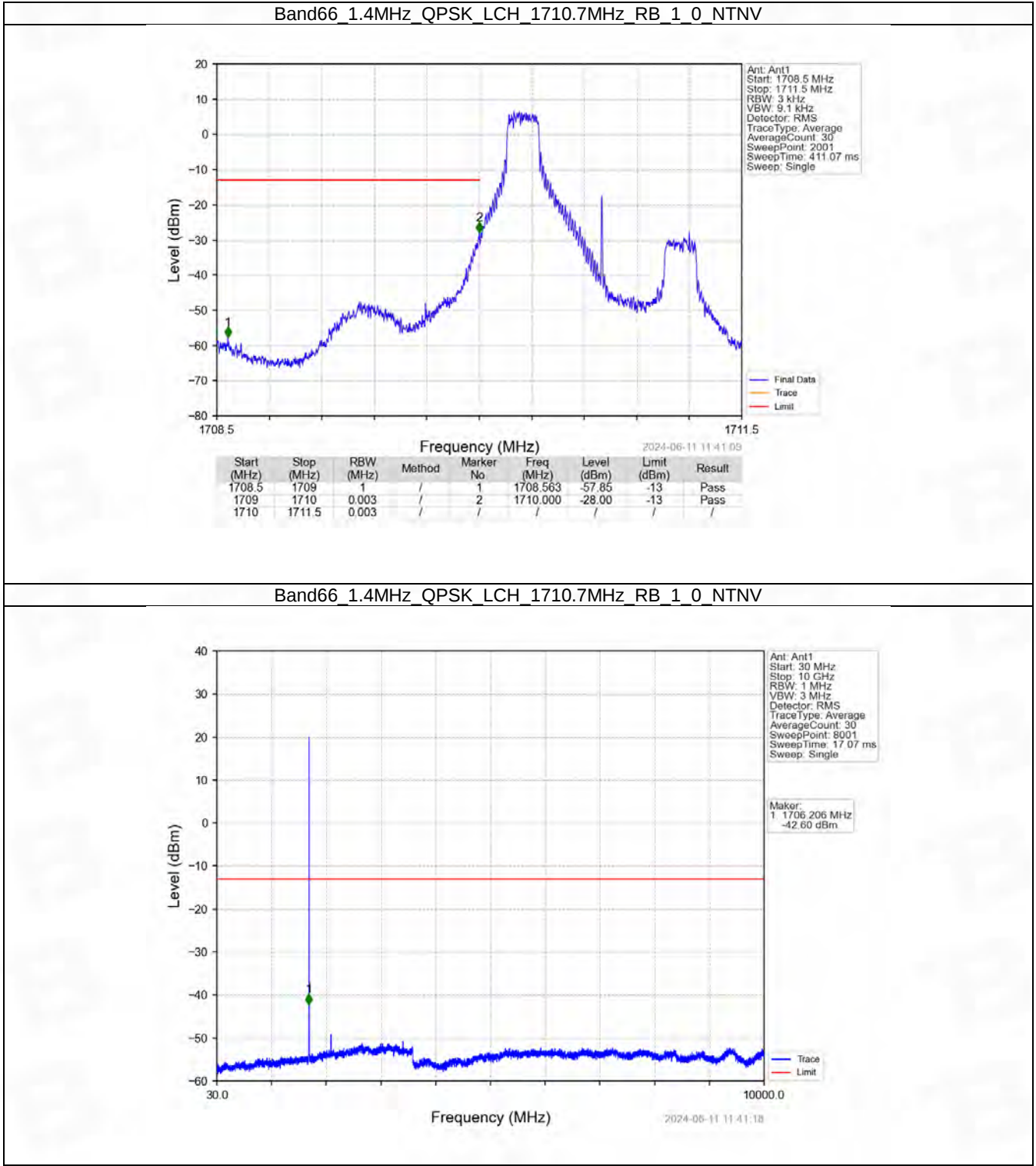
6. Spurious Emission

6.1 B66_1.4MHz

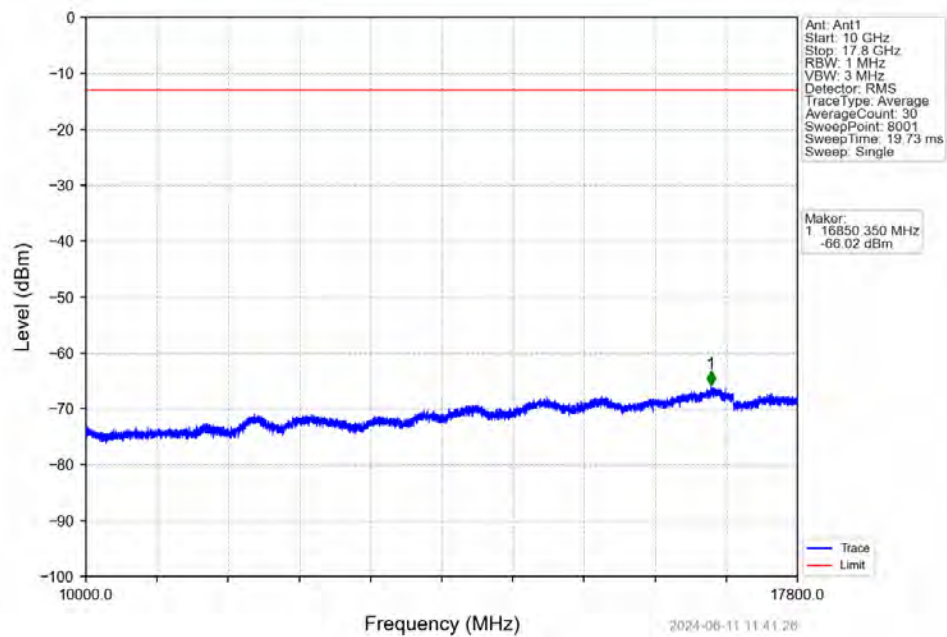
6.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

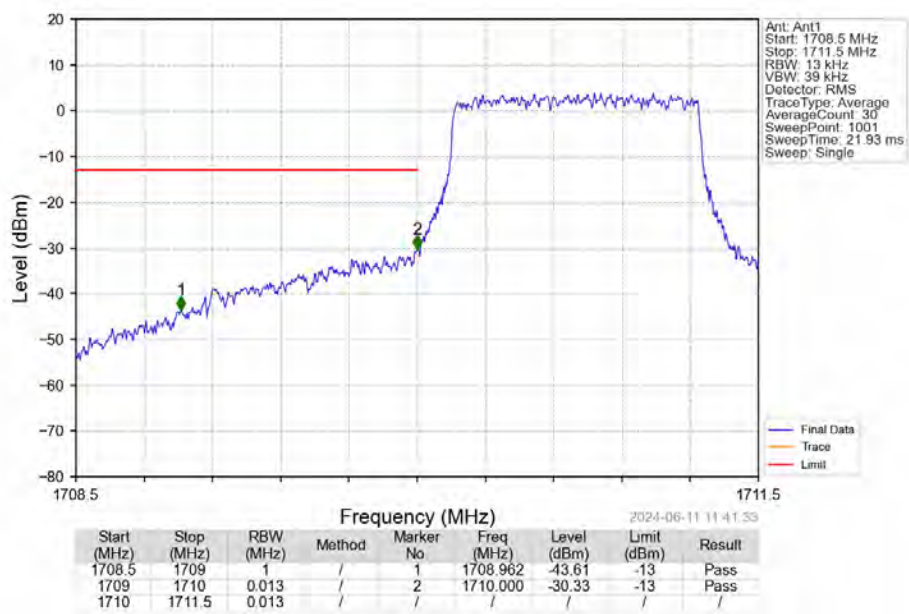
6.1.2 Test Graph



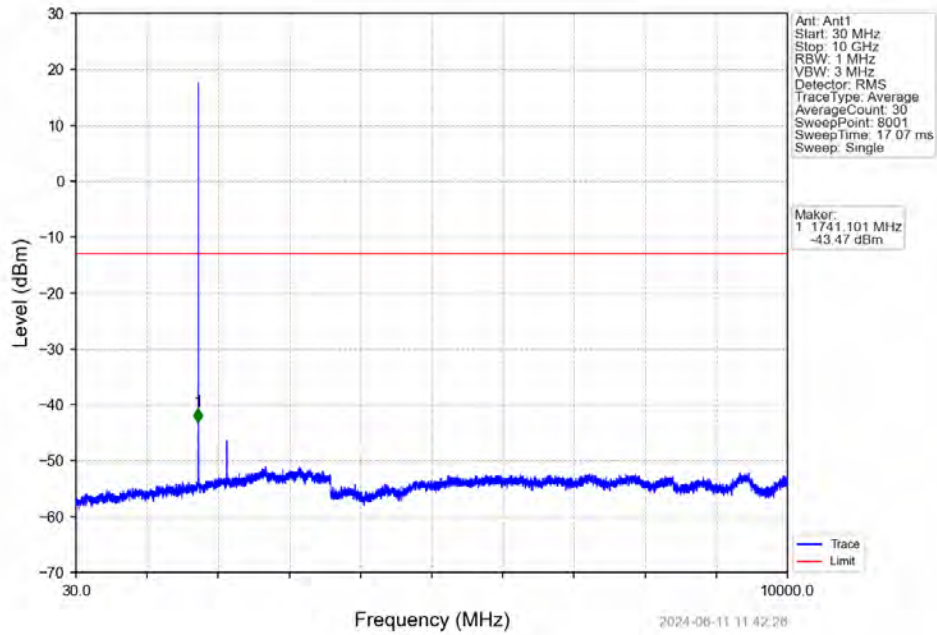
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



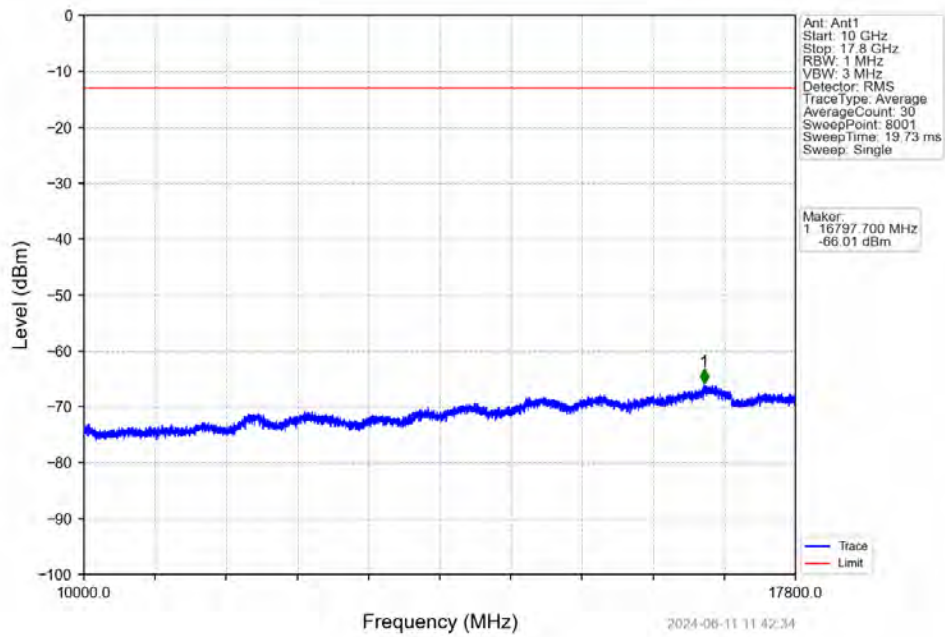
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV



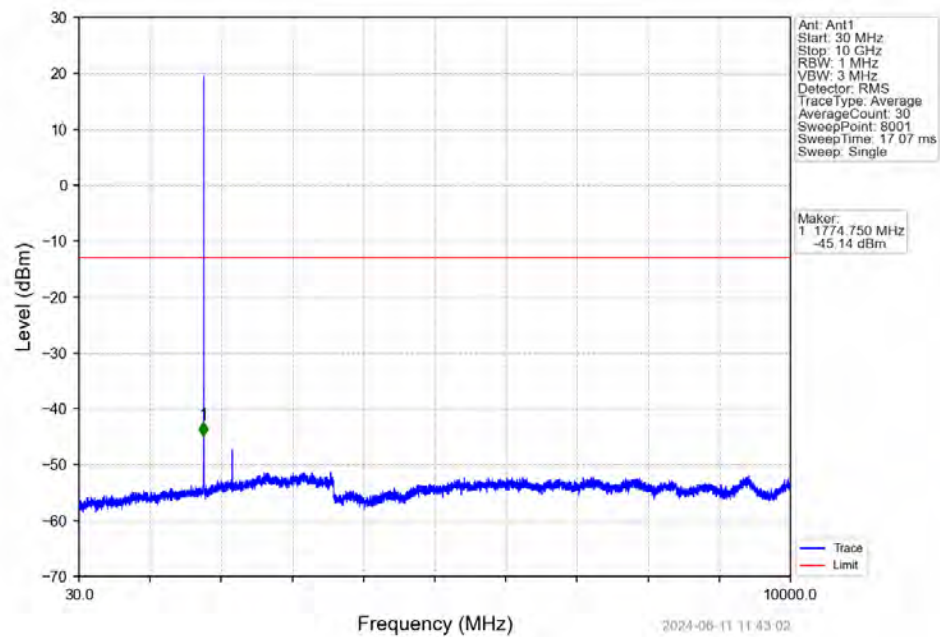
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



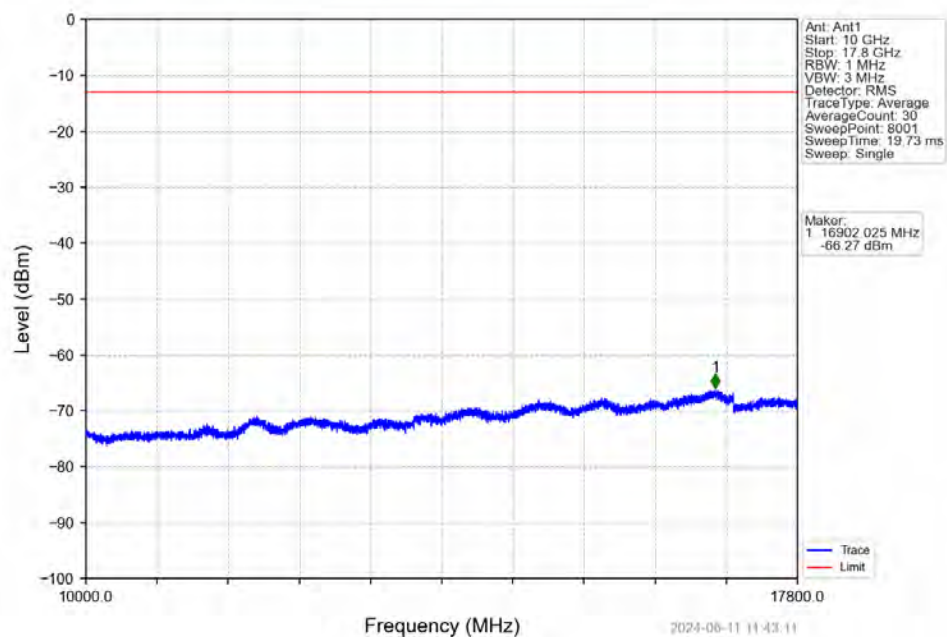
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



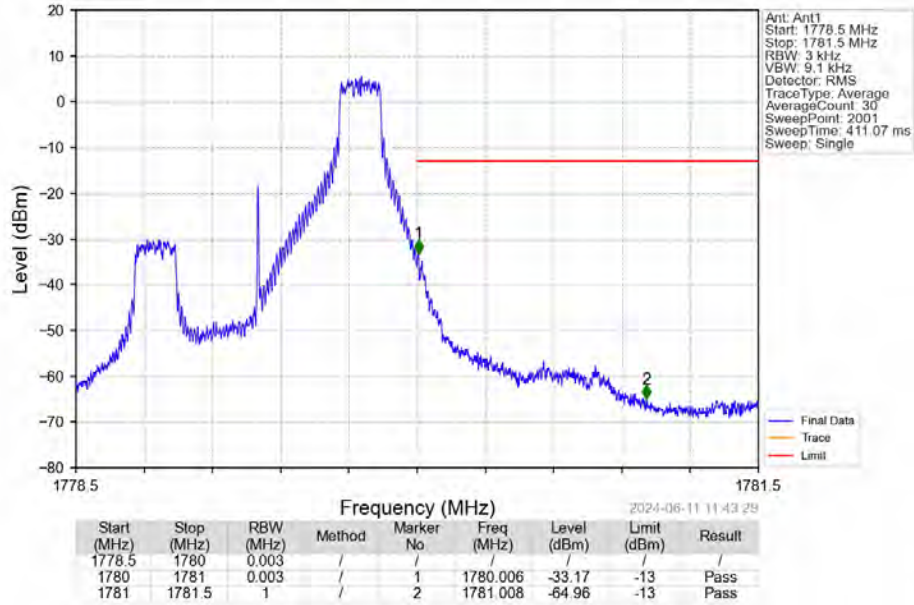
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



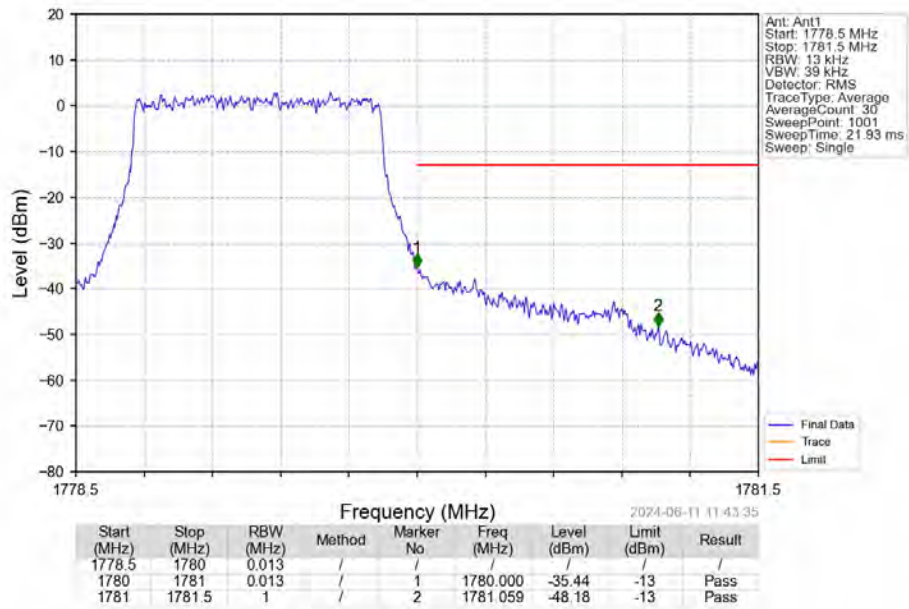
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



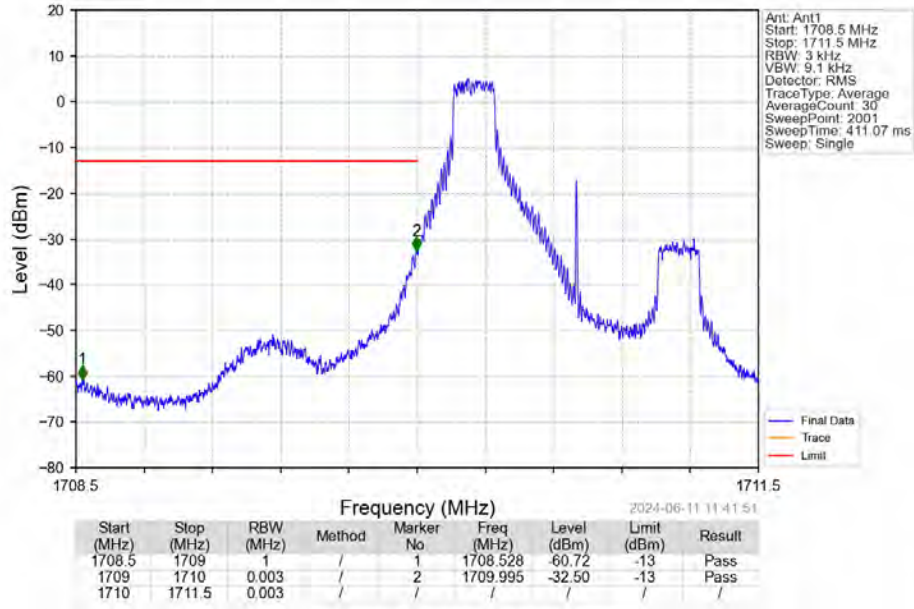
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



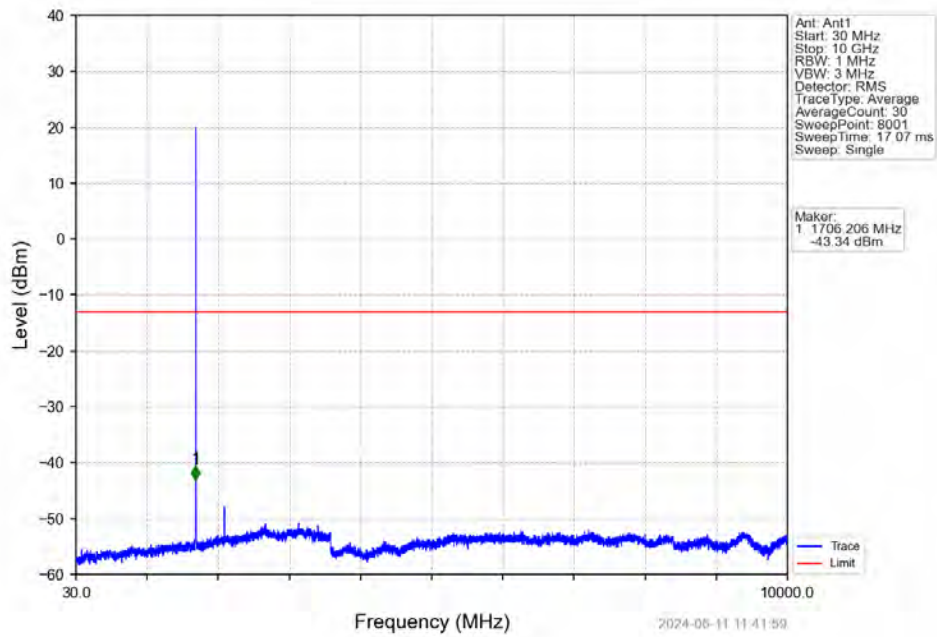
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



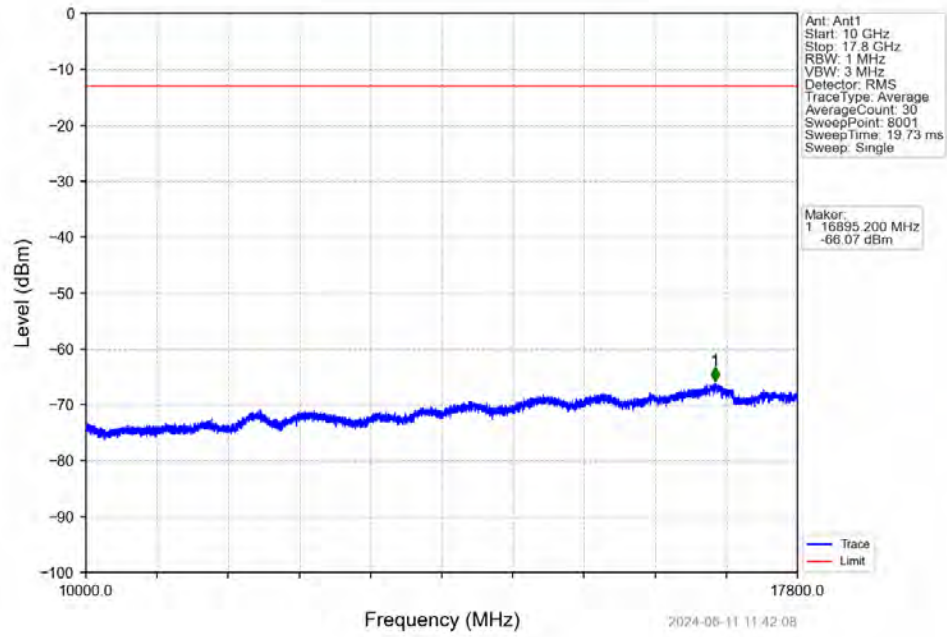
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



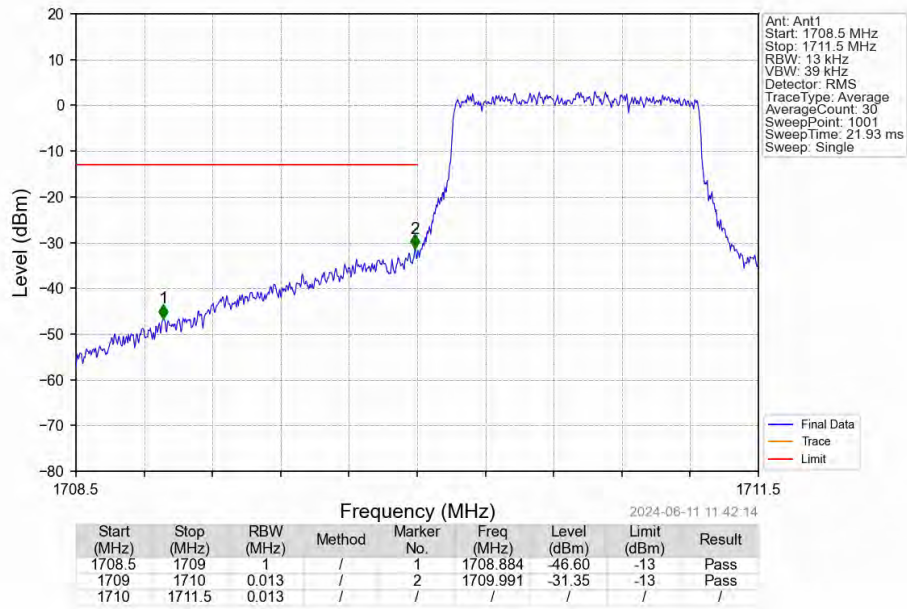
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



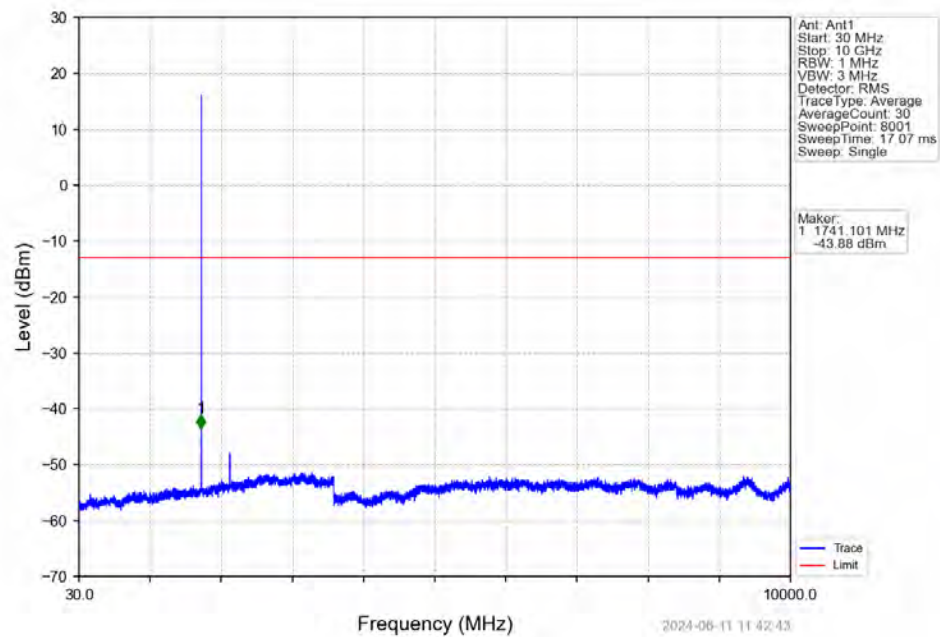
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



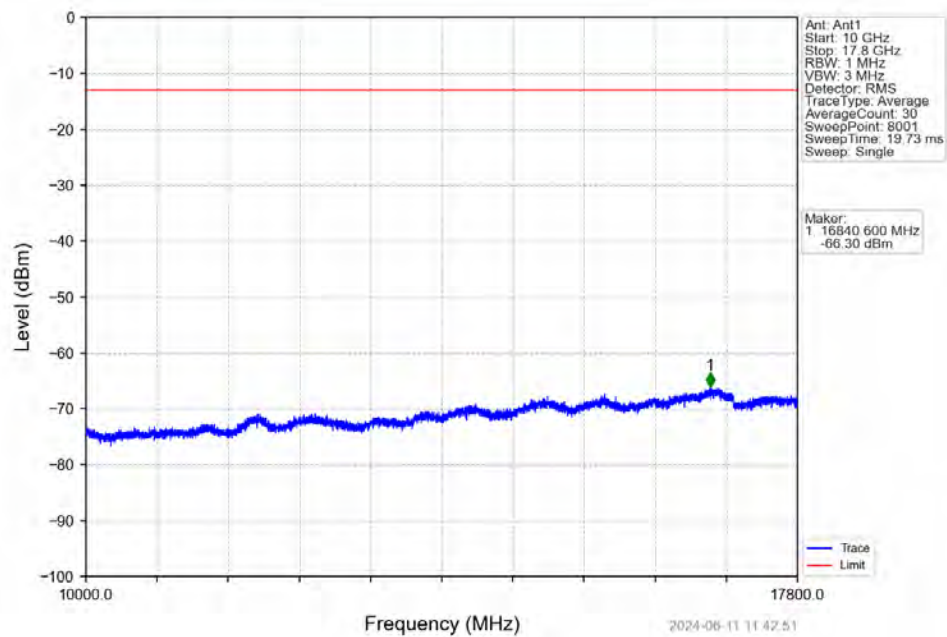
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



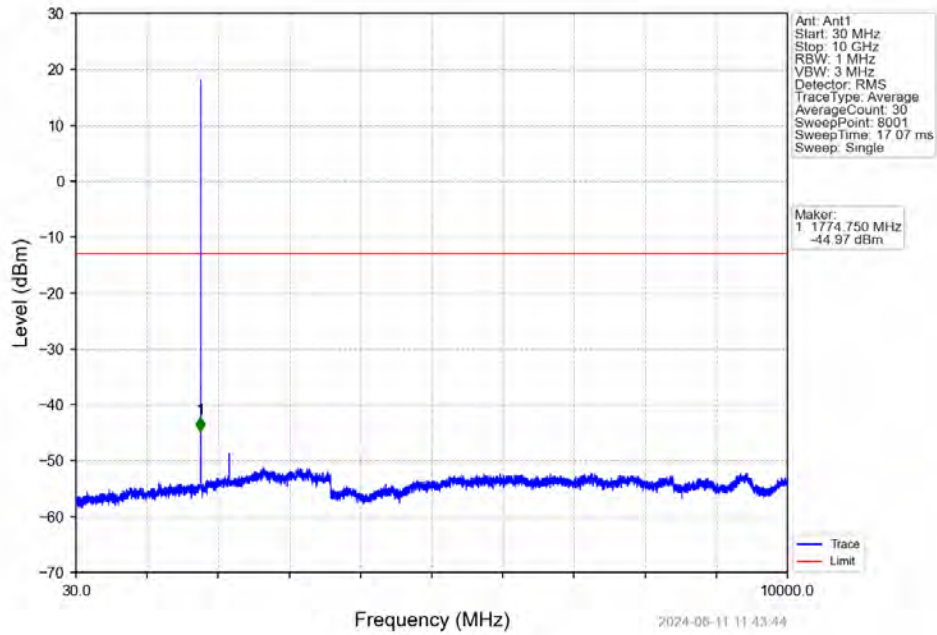
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTV



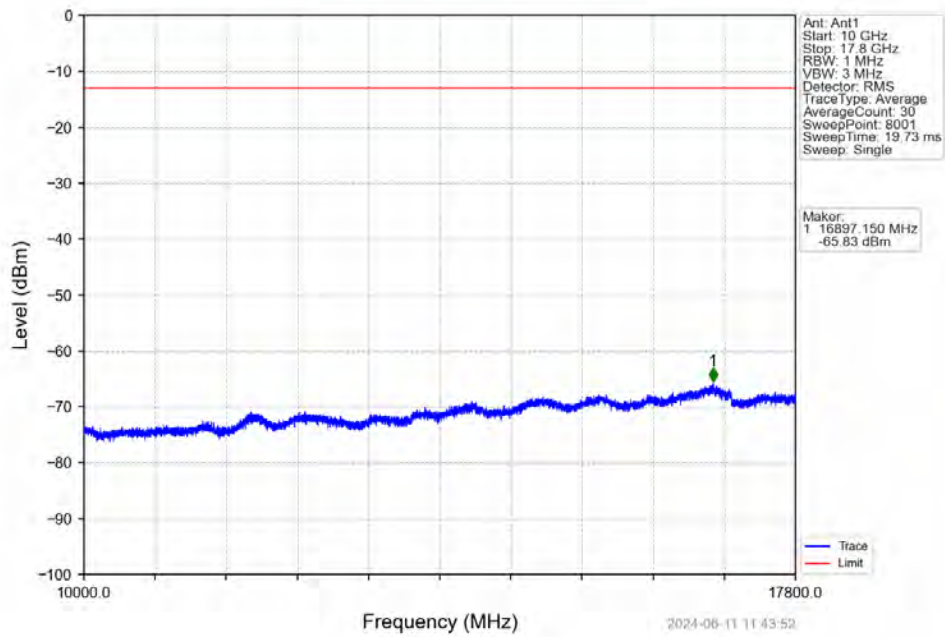
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTV



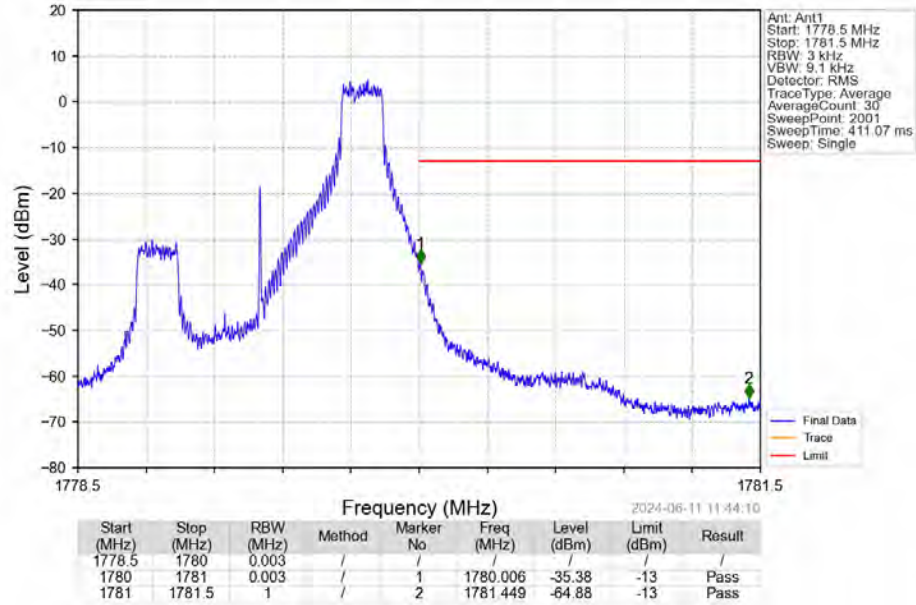
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



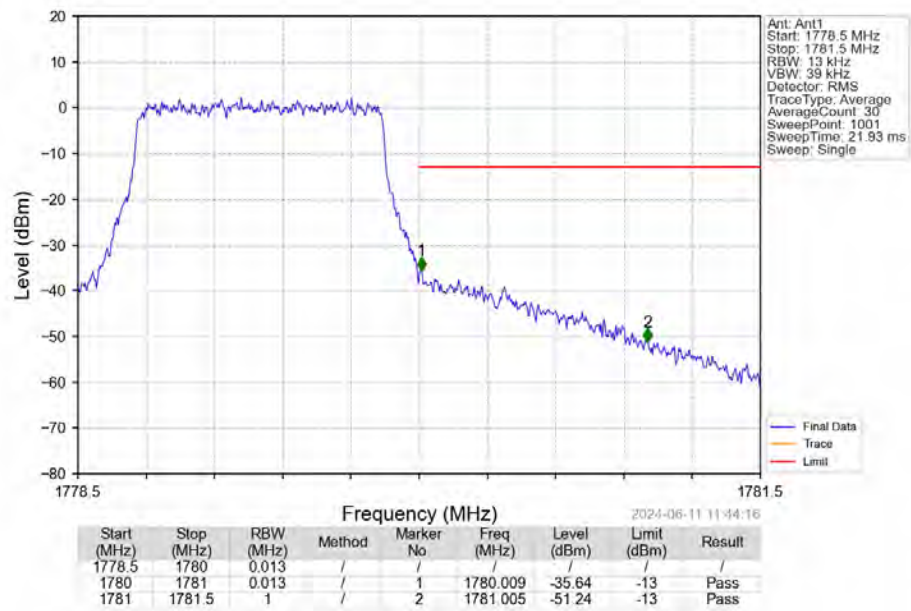
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



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



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

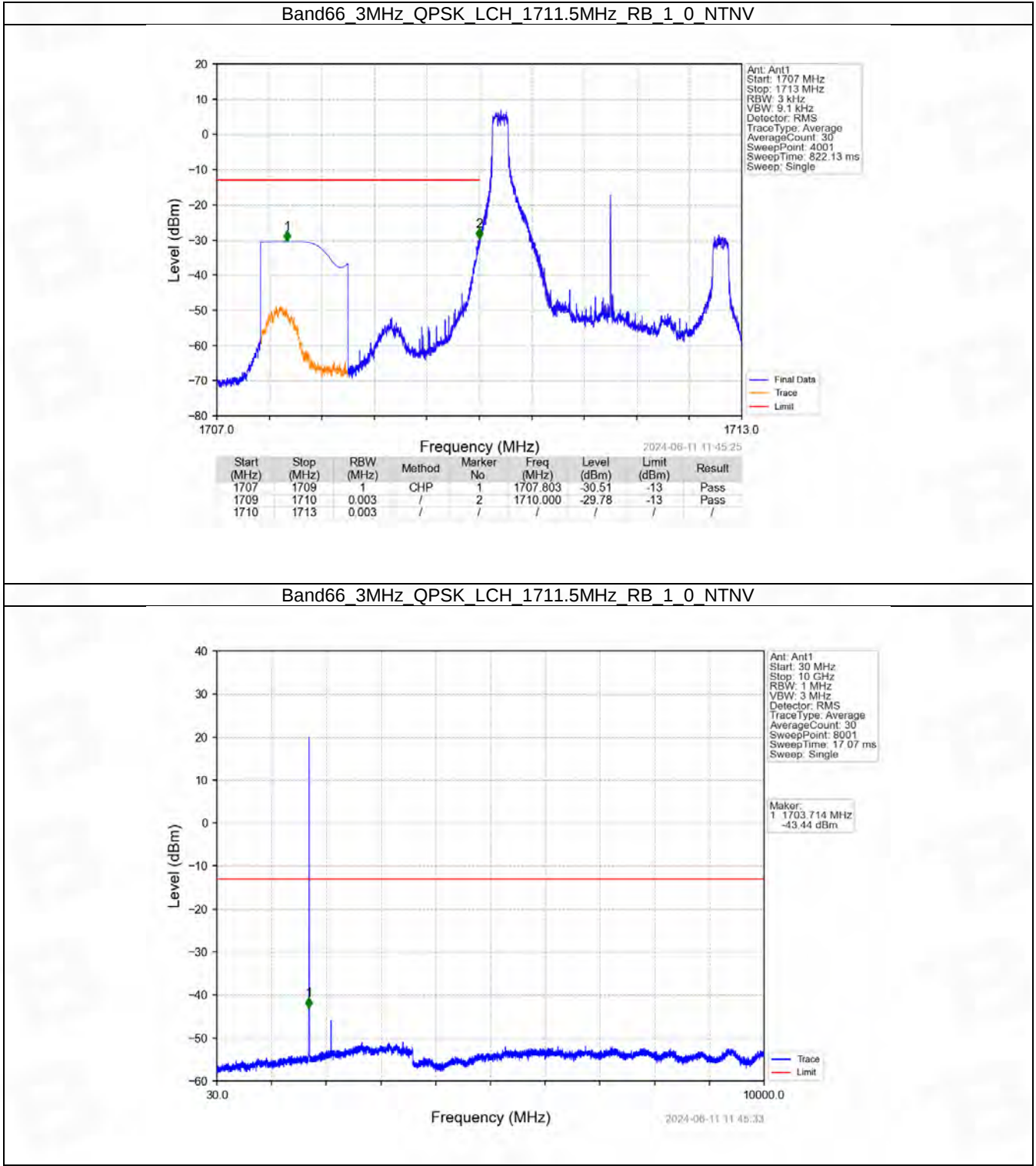


6.2 B66_3MHz

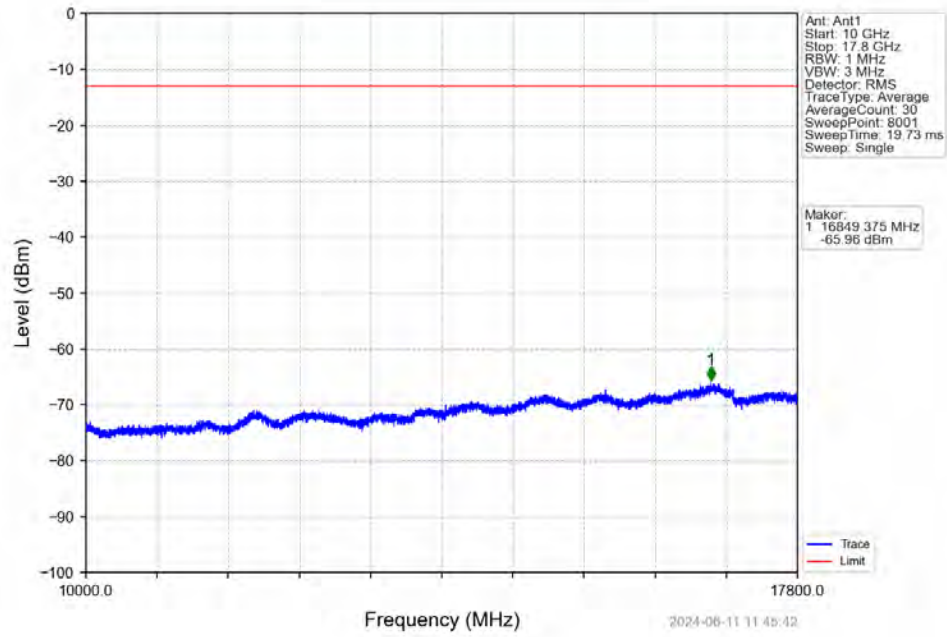
6.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

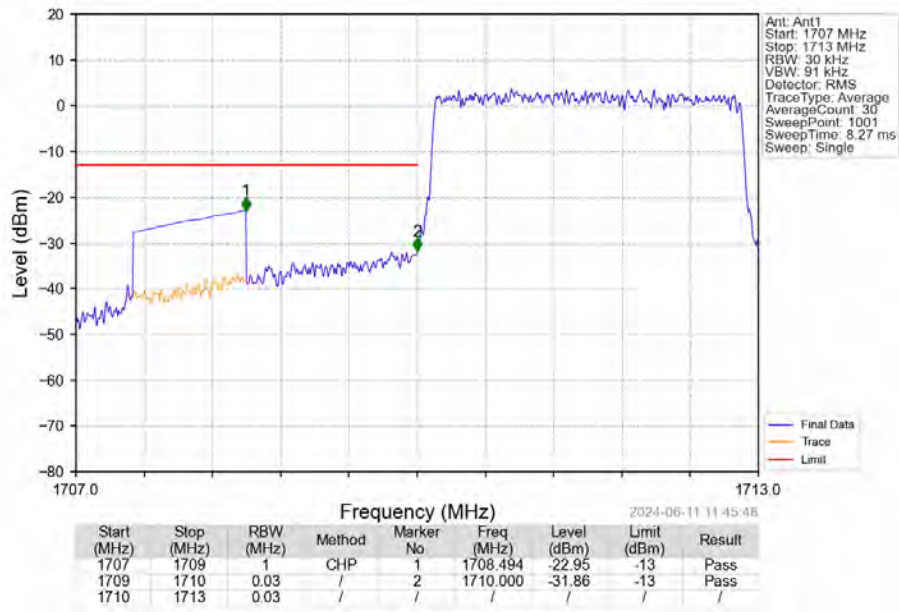
6.2.2 Test Graph



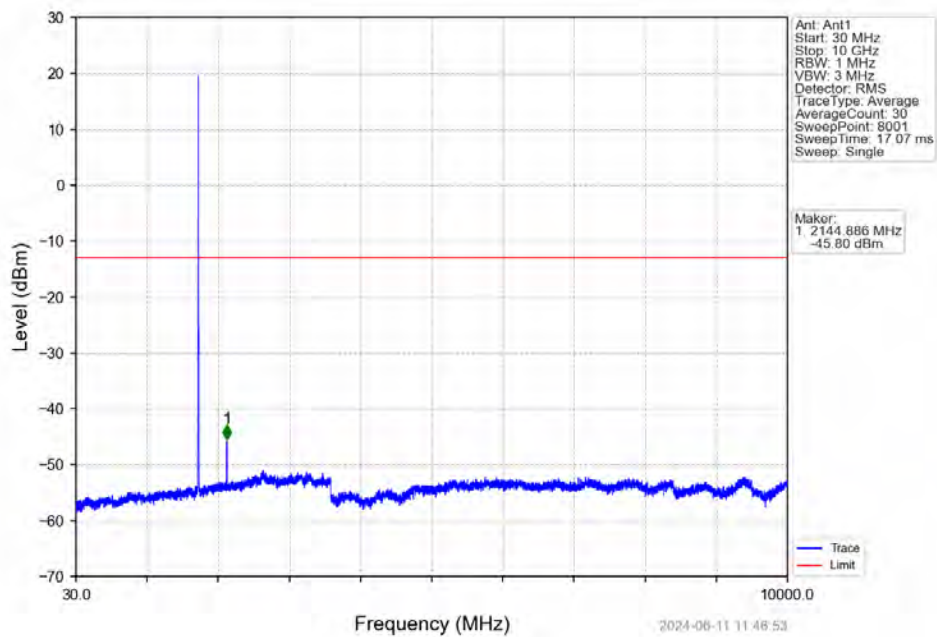
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



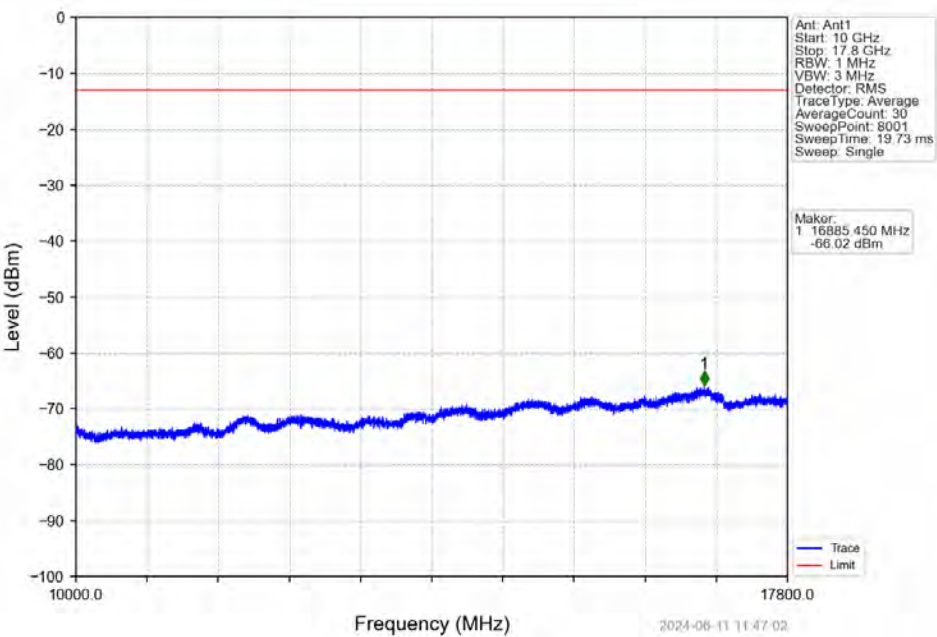
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



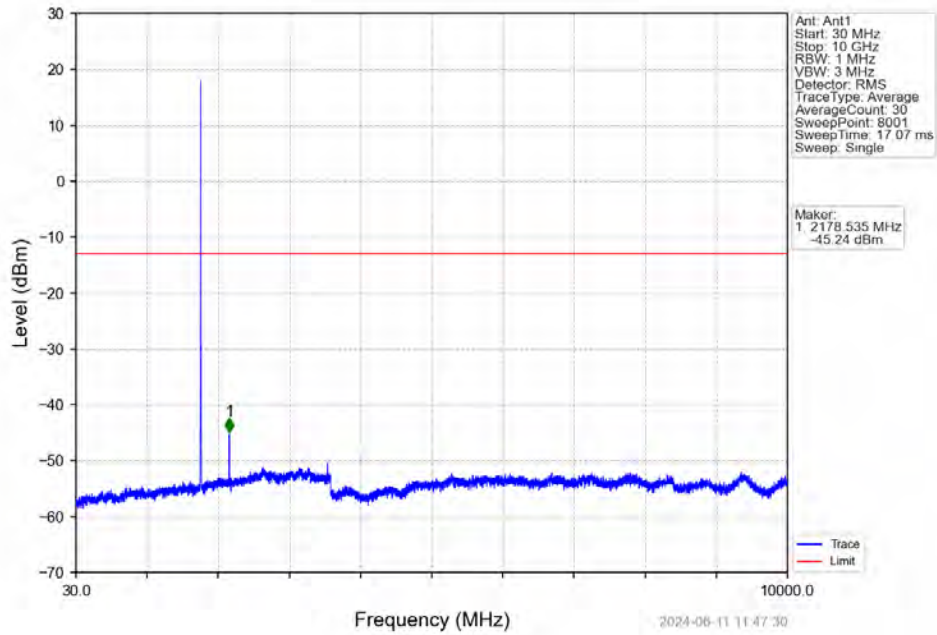
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



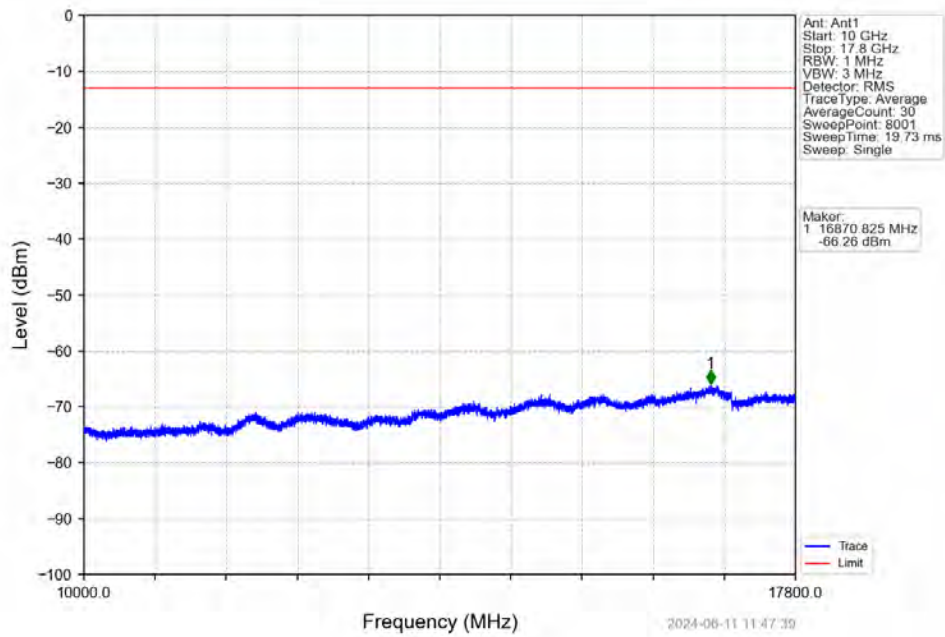
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



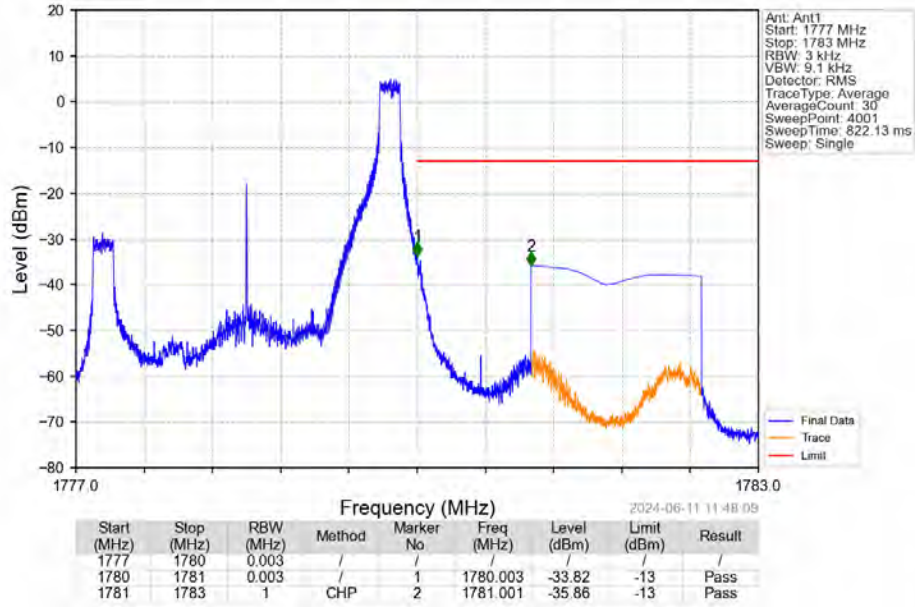
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTNV



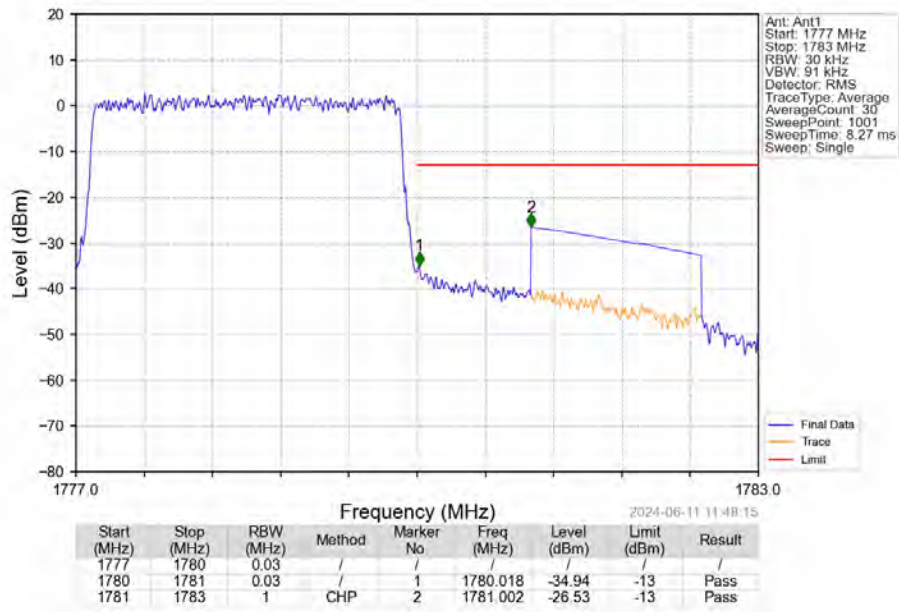
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTNV



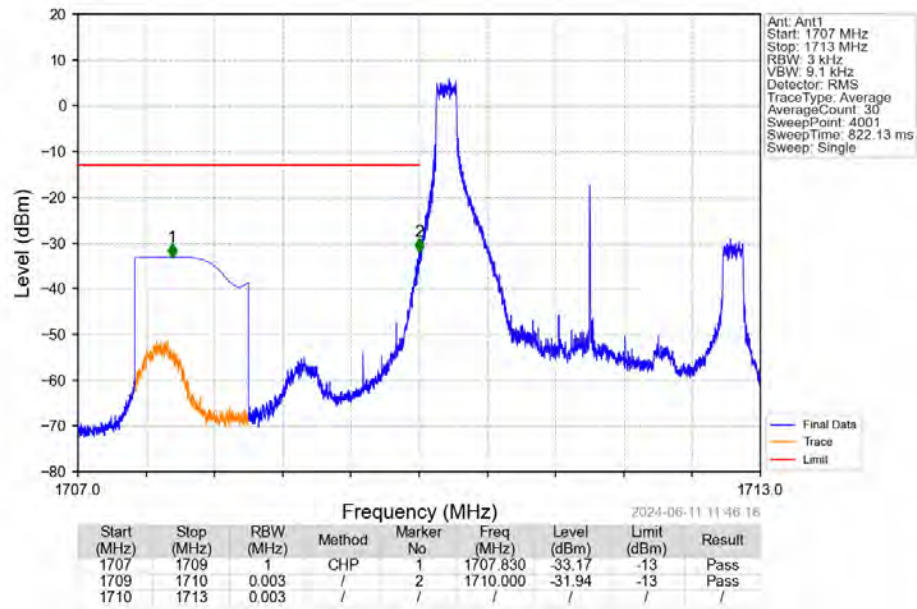
Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTNV



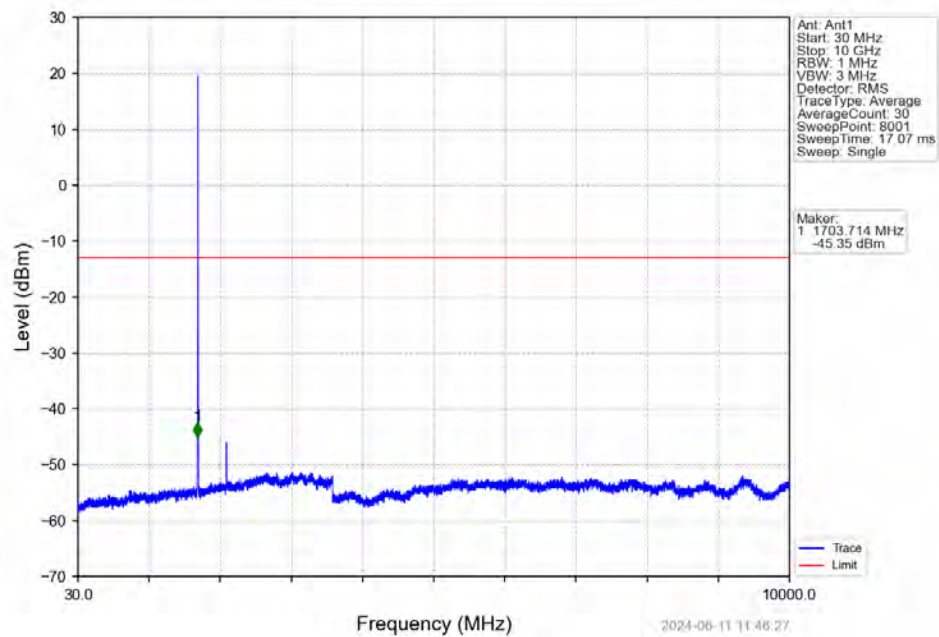
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



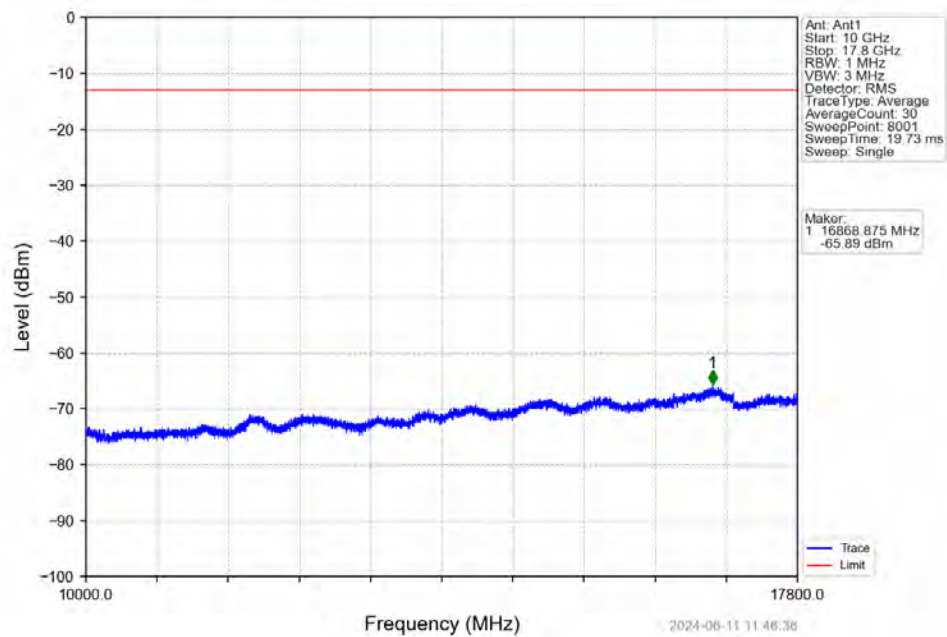
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



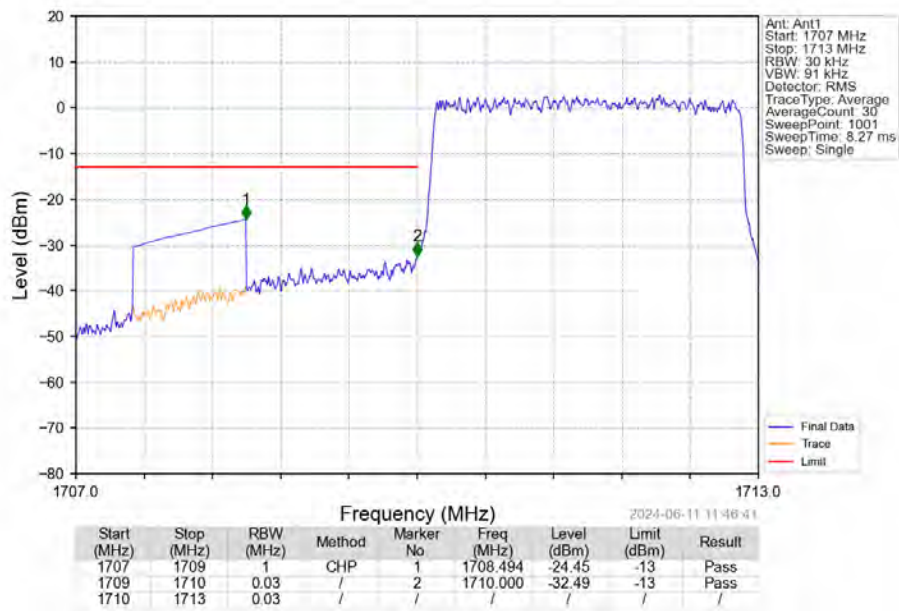
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



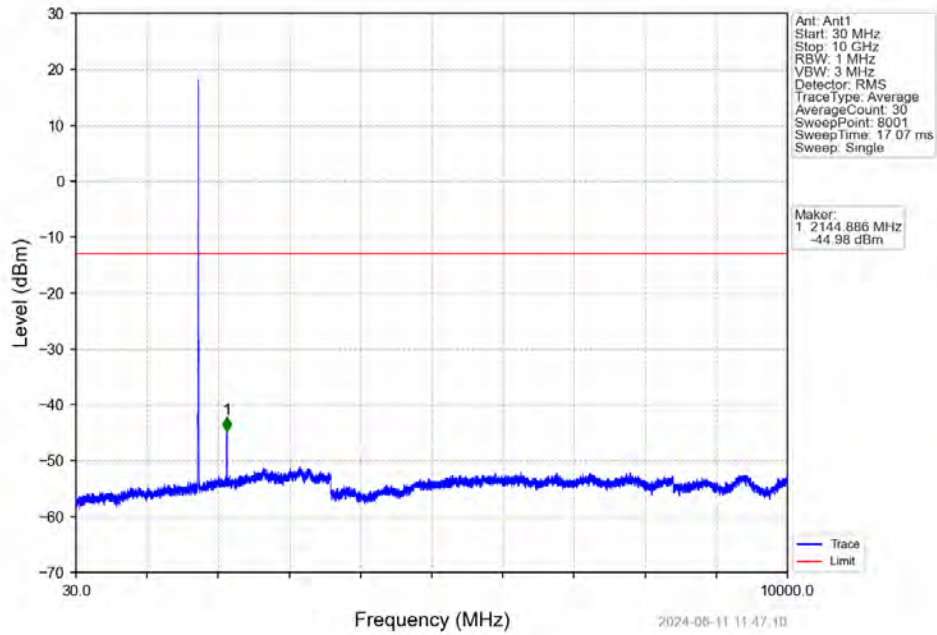
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



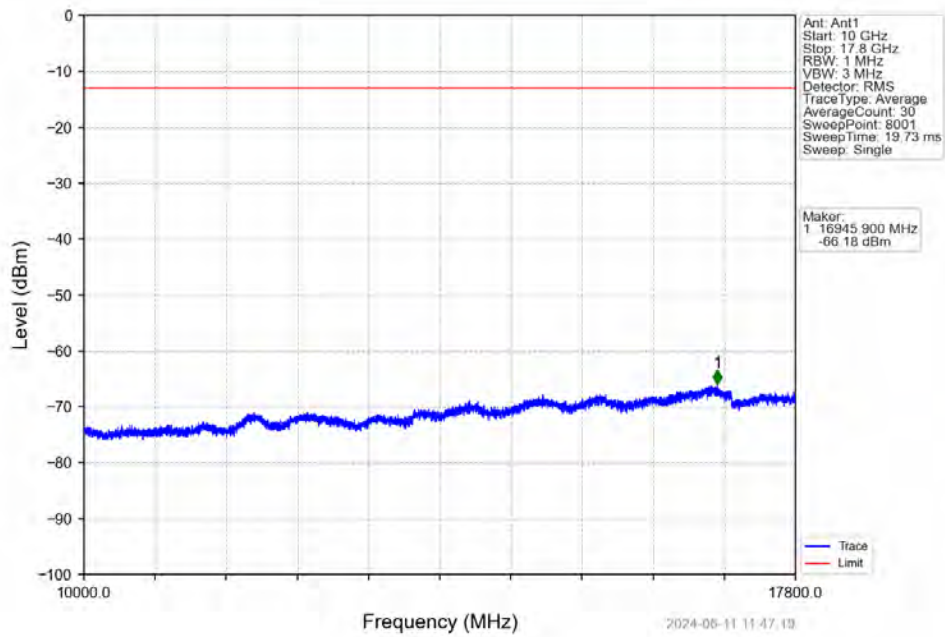
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



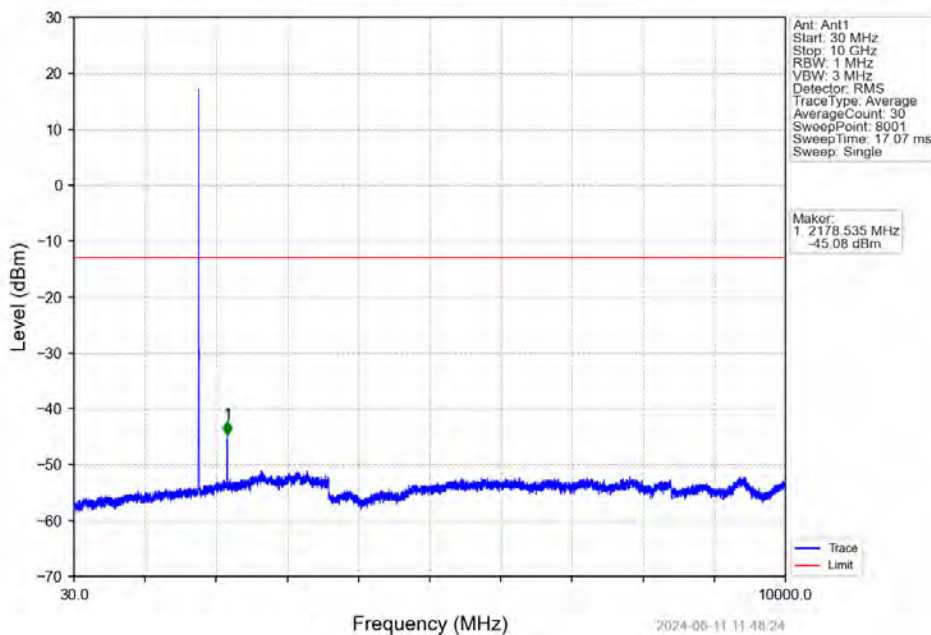
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



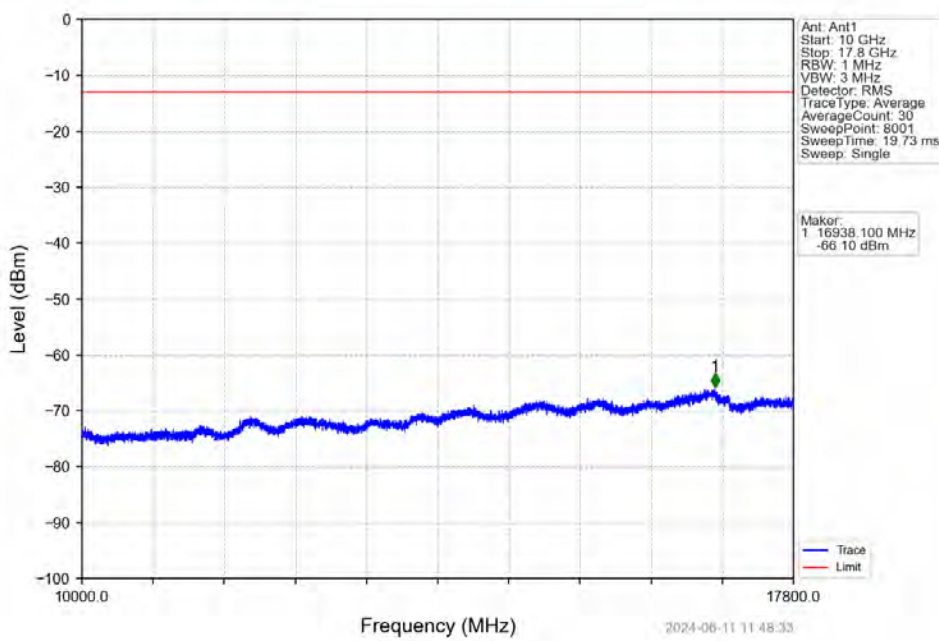
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



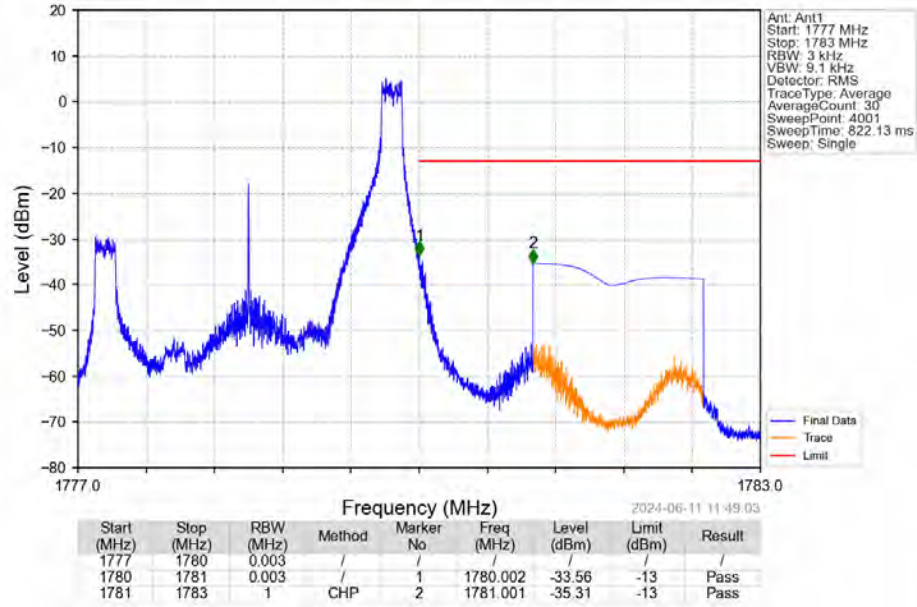
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTNV



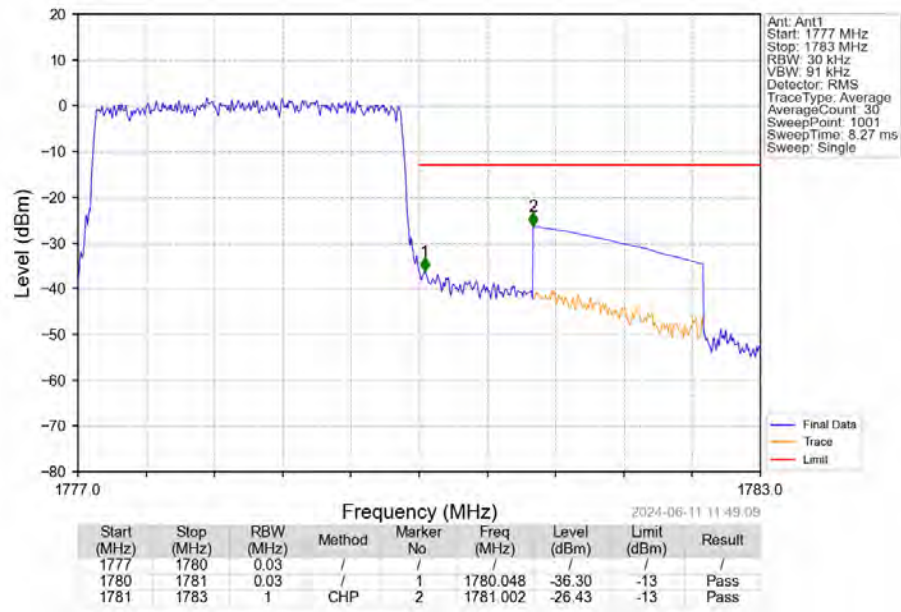
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTNV



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



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

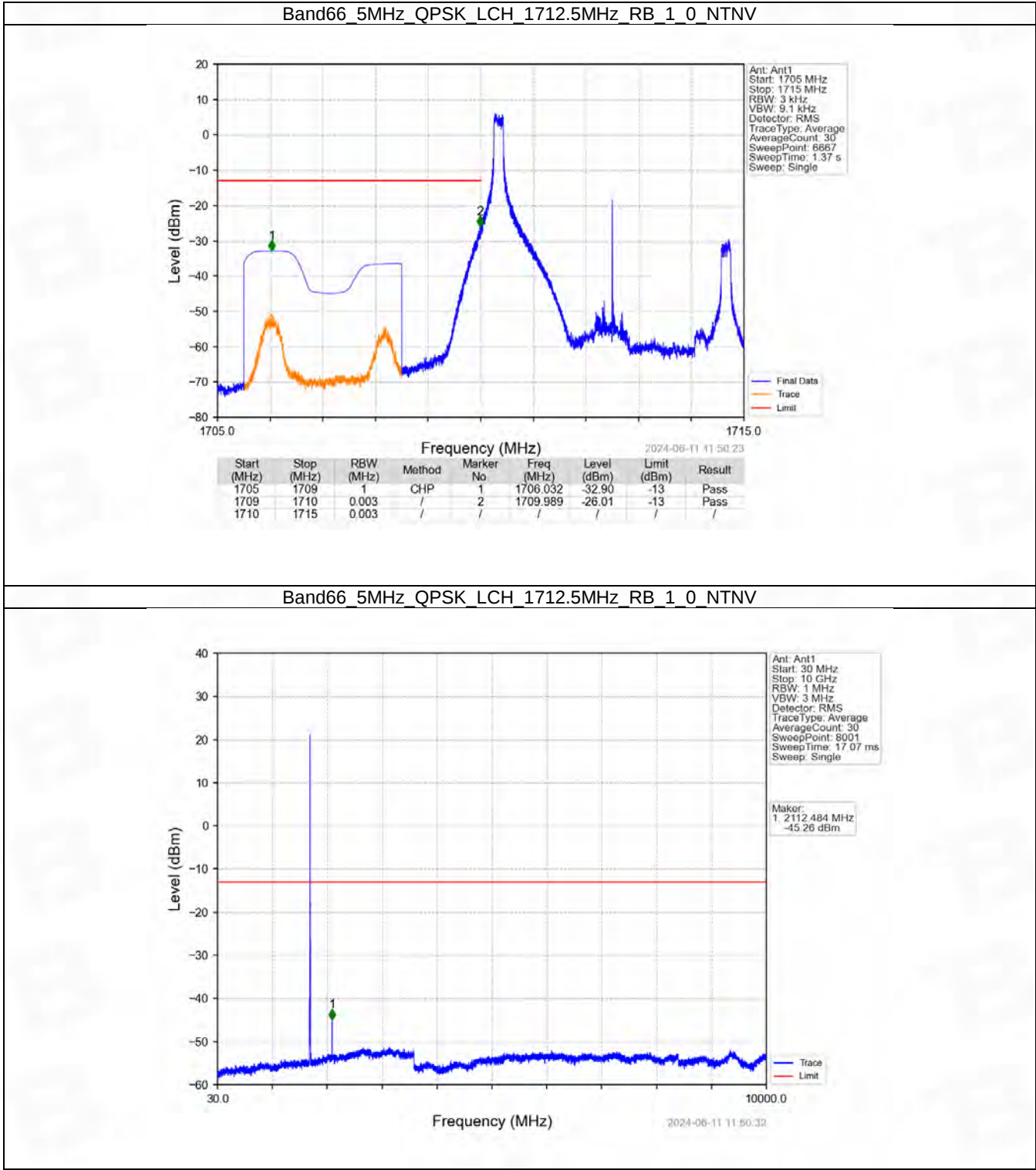


6.3 B66_5MHz

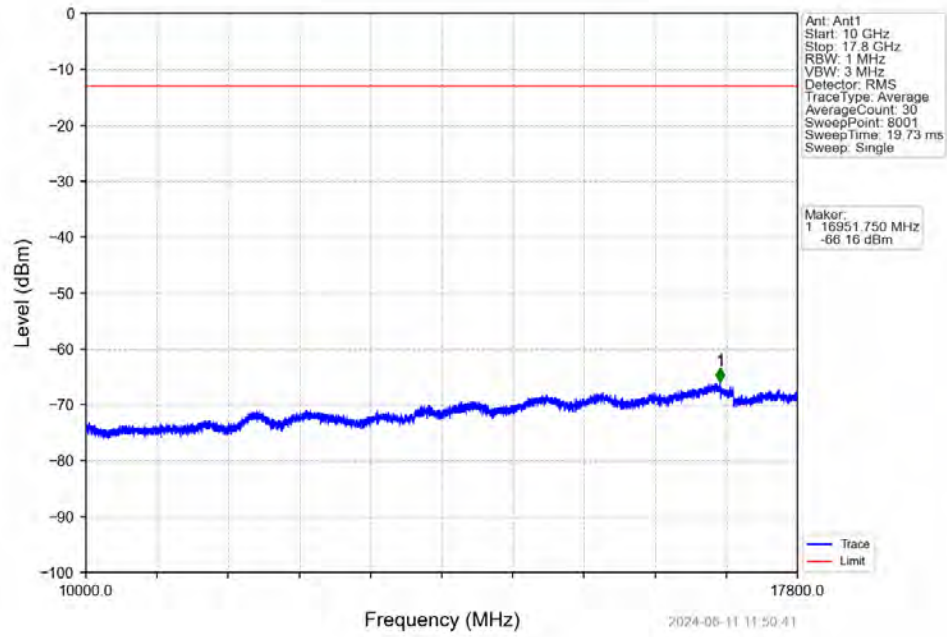
6.3.1 Test Result

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

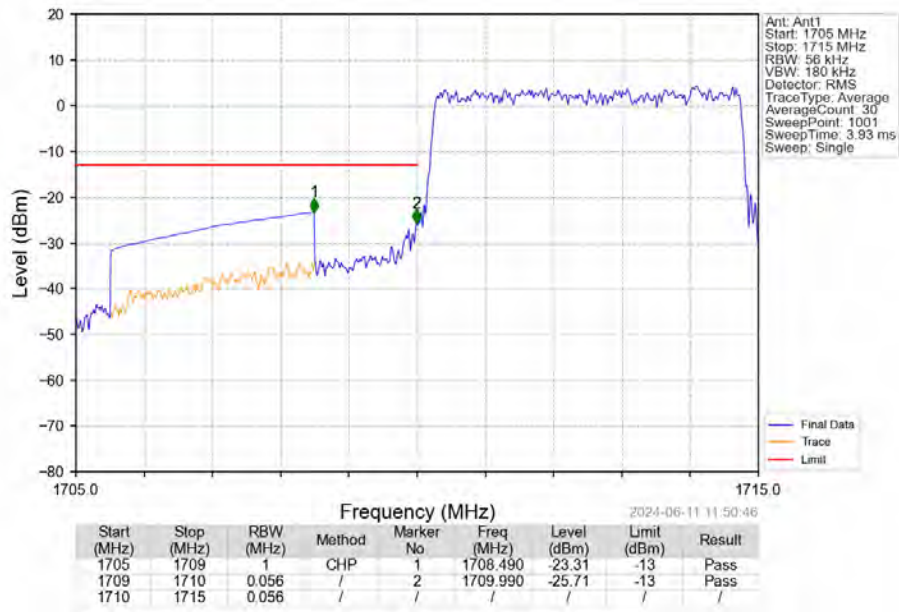
6.3.2 Test Graph



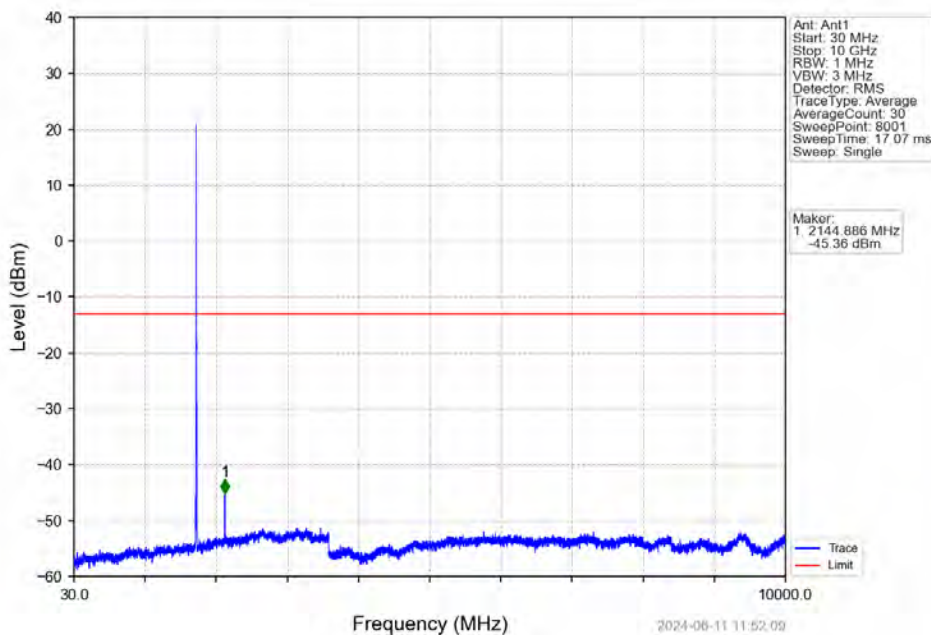
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



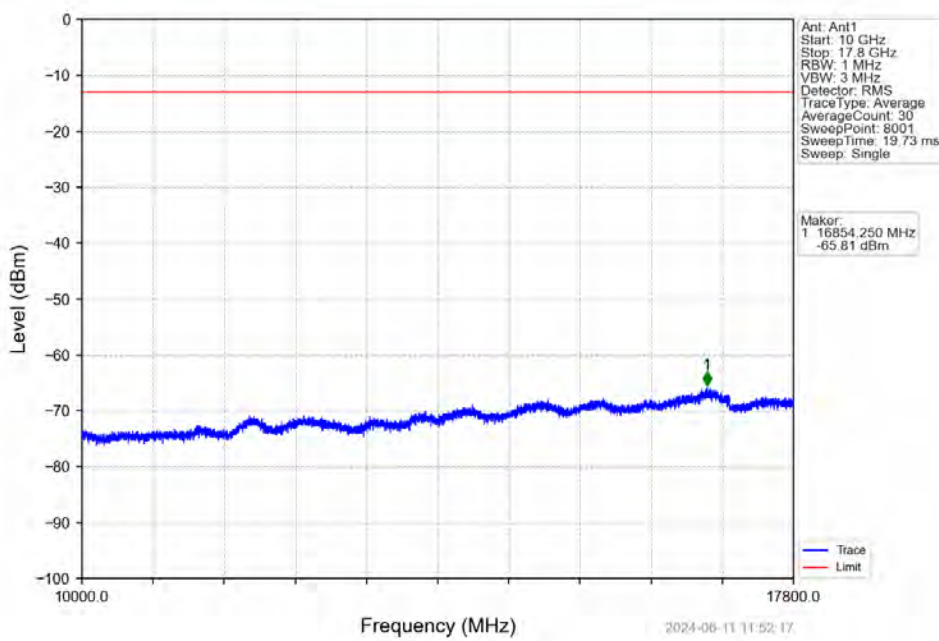
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



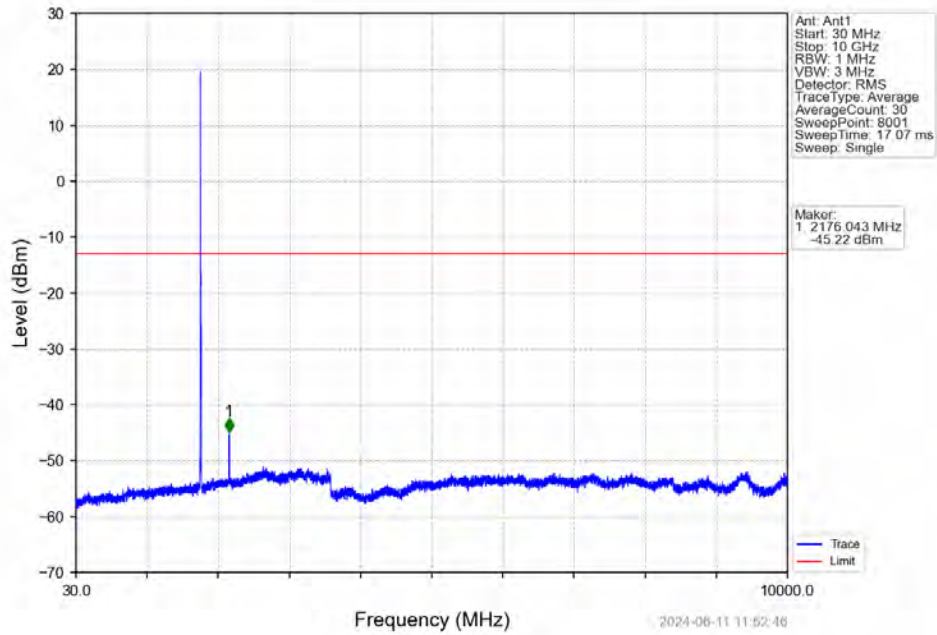
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



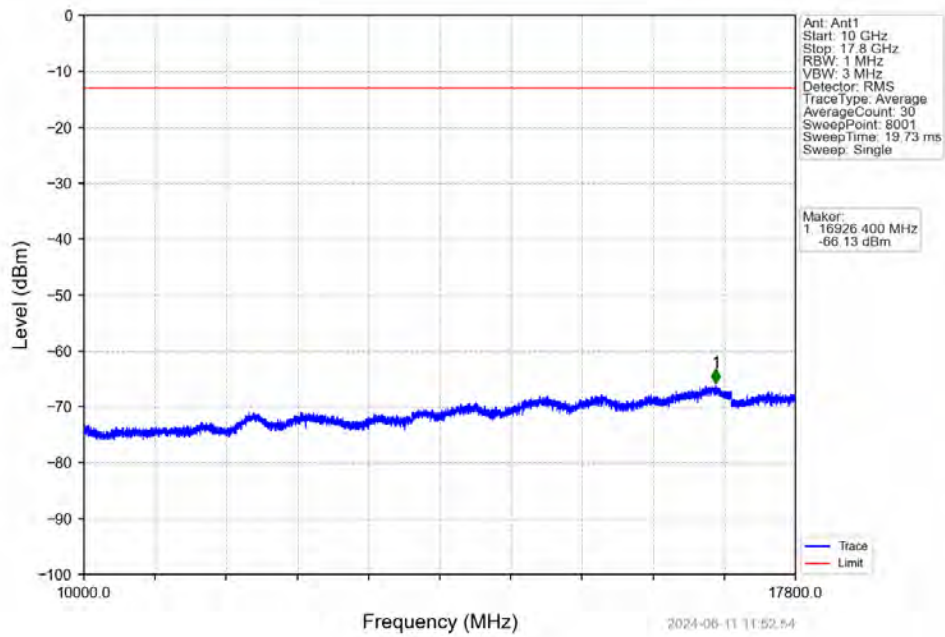
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



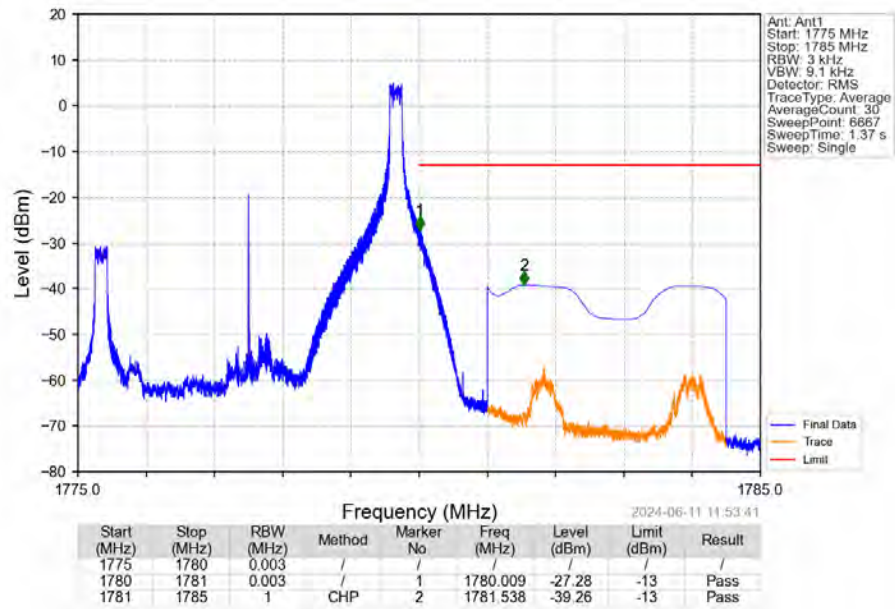
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTNV



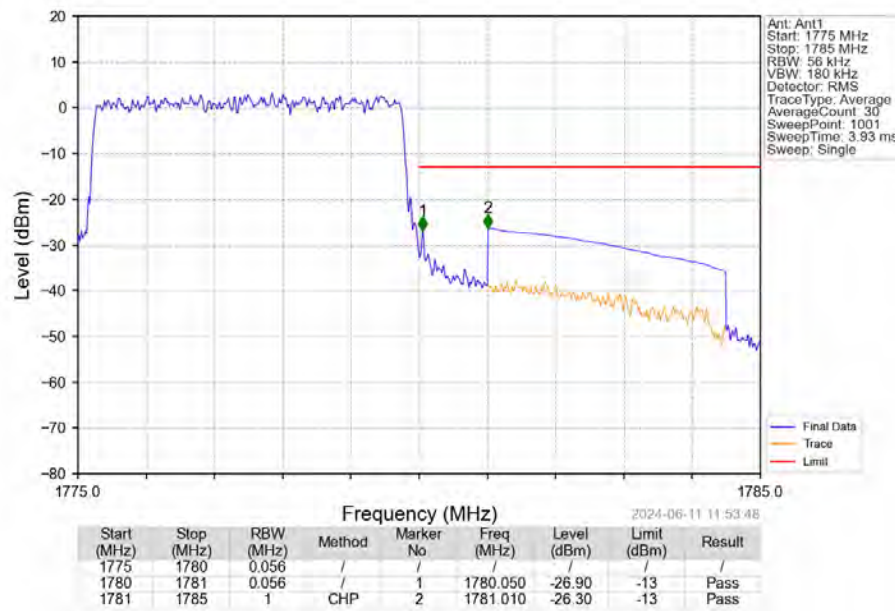
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTNV



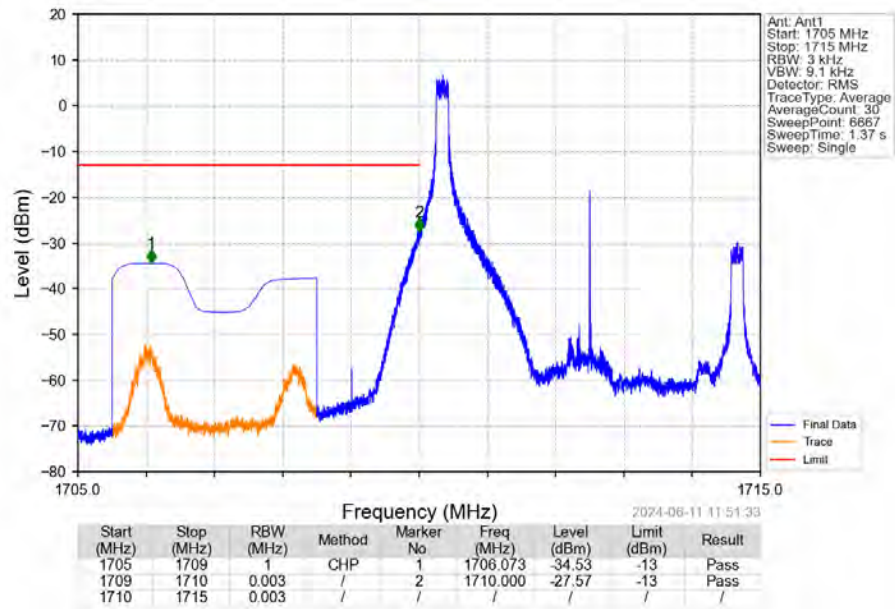
Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTNV



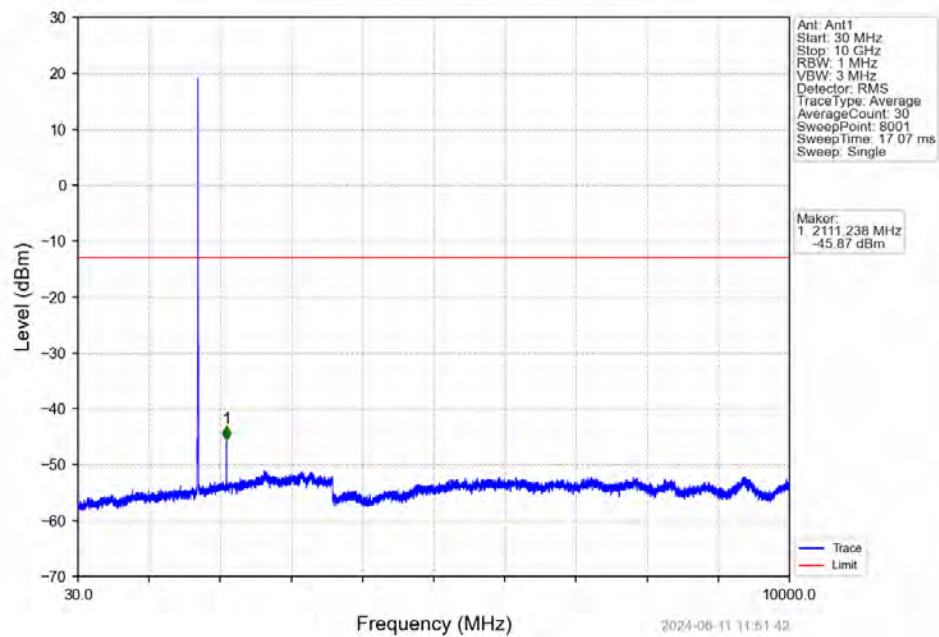
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



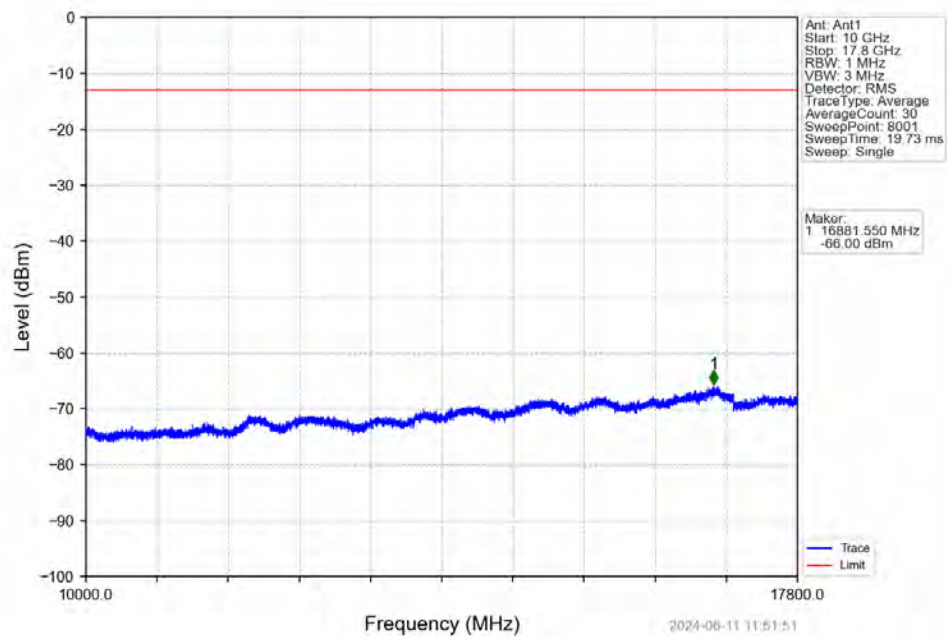
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



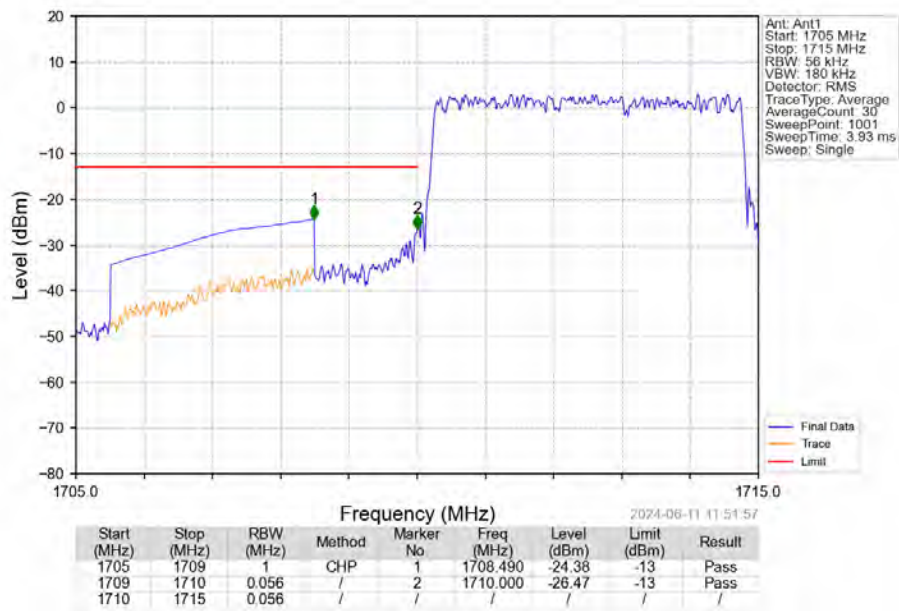
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



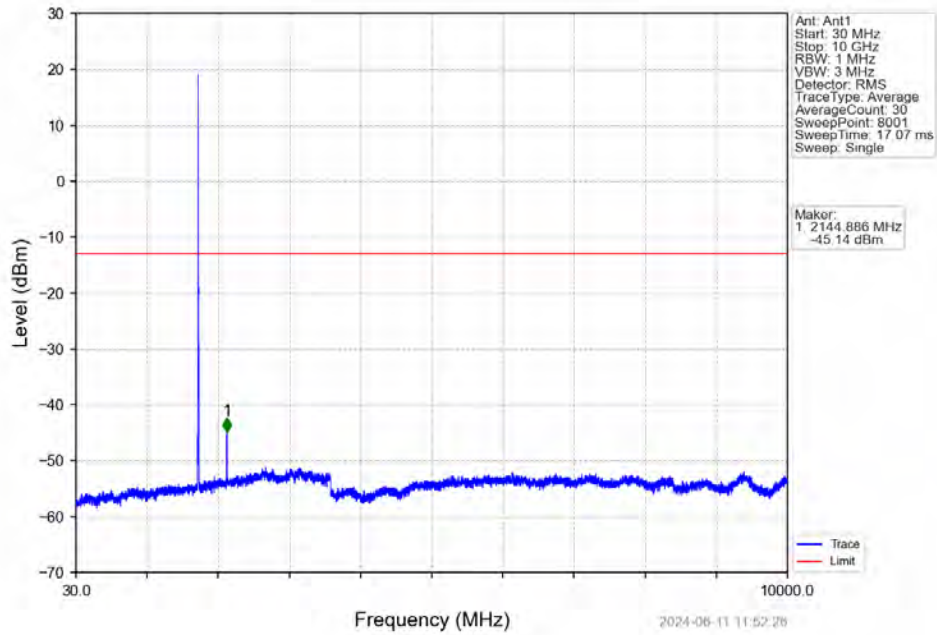
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



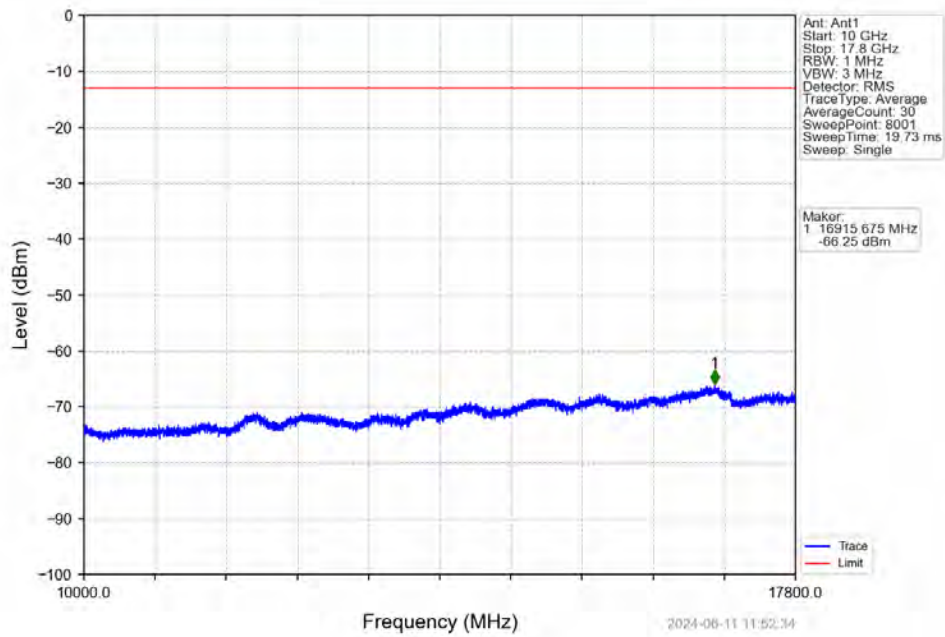
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



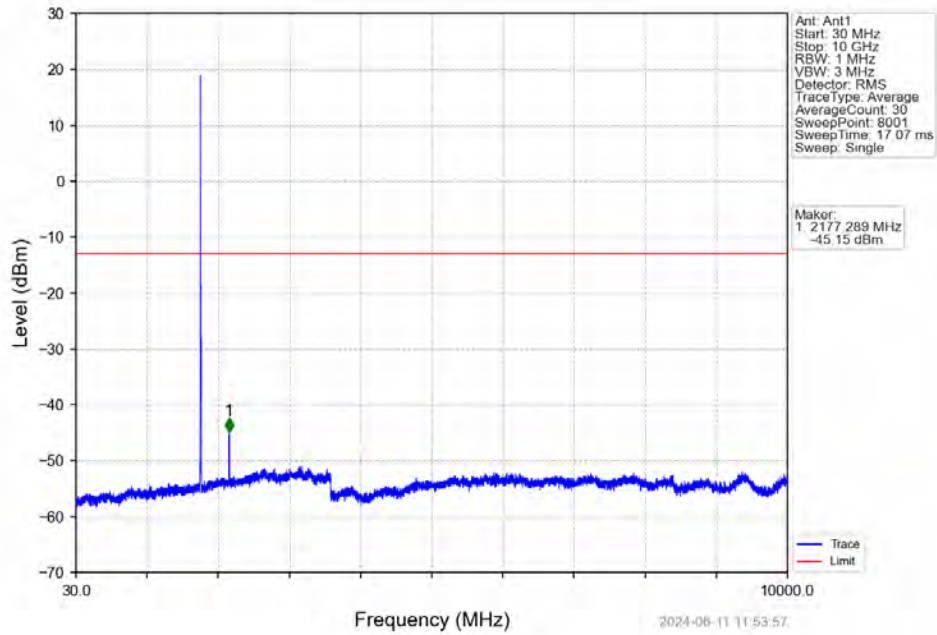
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



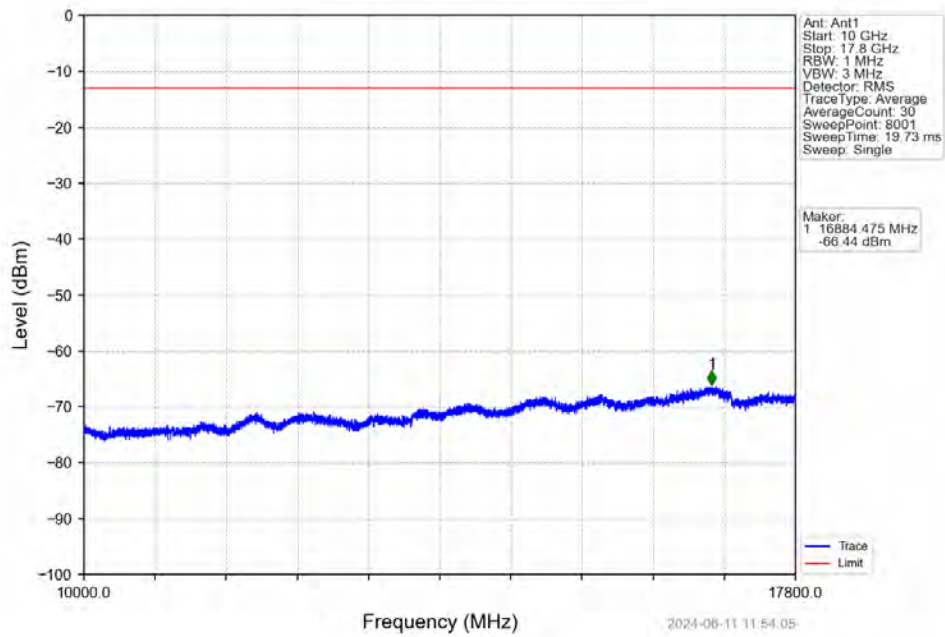
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



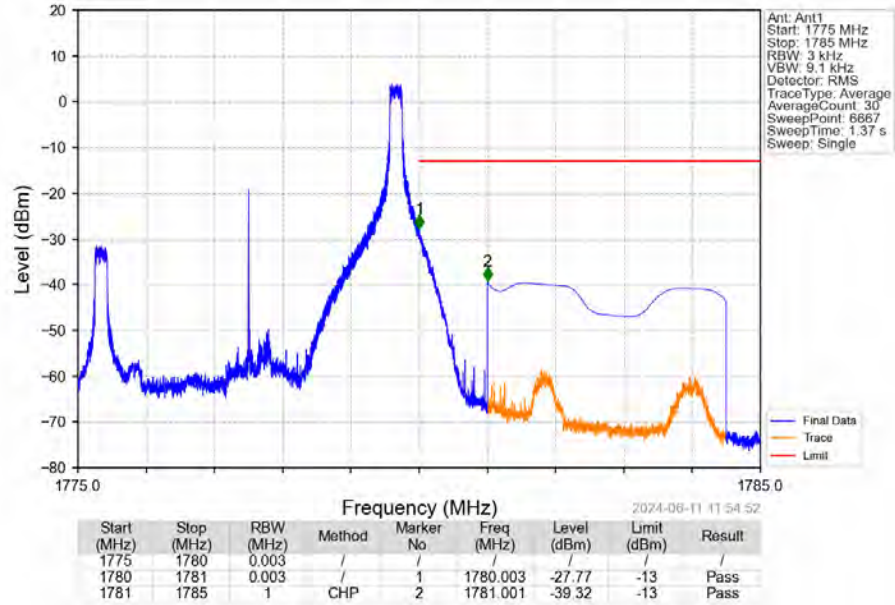
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



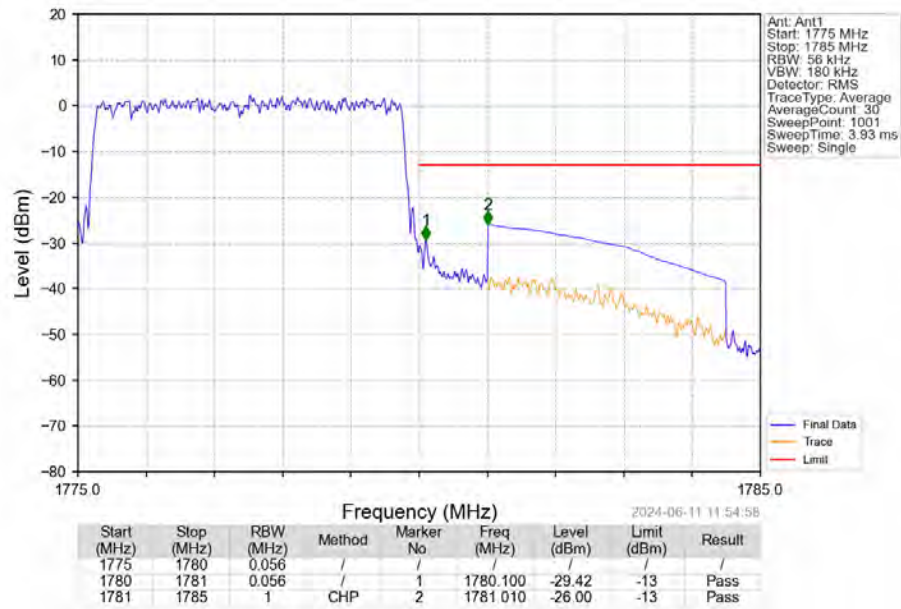
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



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



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

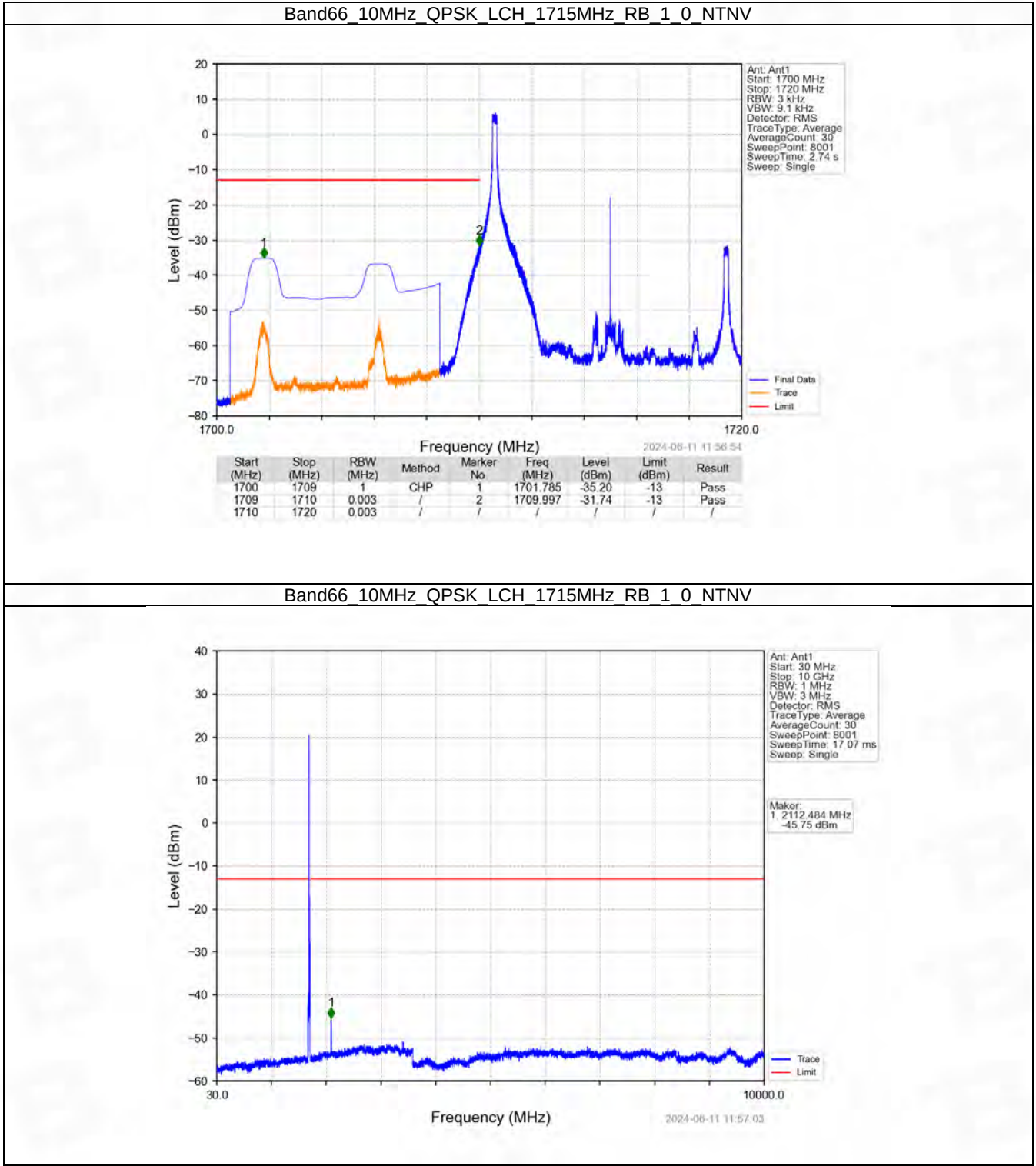


6.4 B66_10MHz

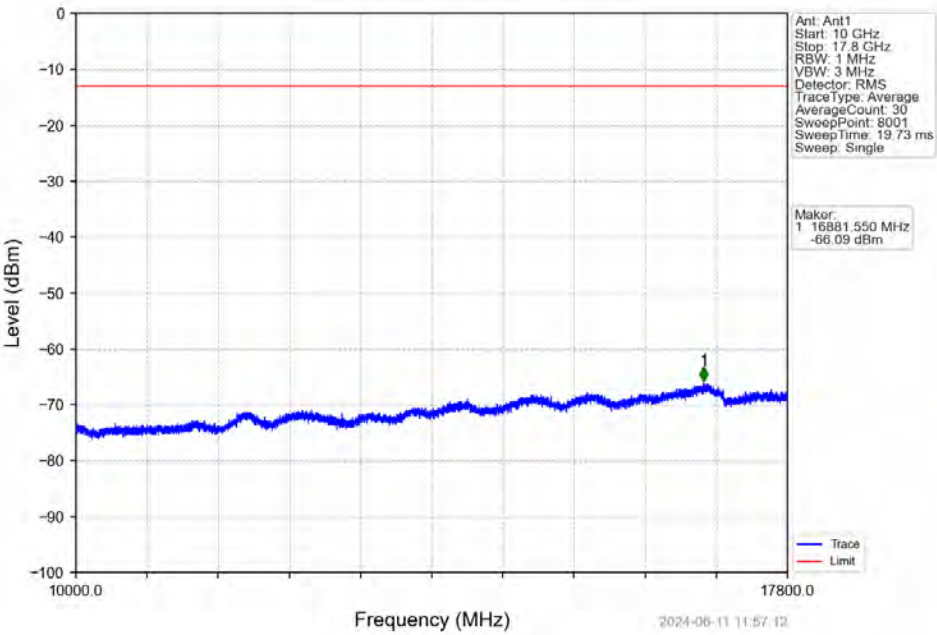
6.4.1 Test Result

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

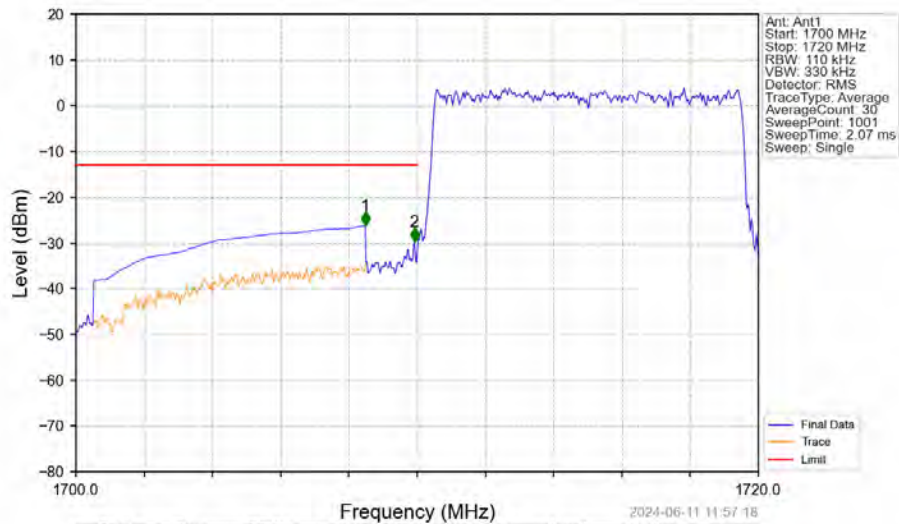
6.4.2 Test Graph



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

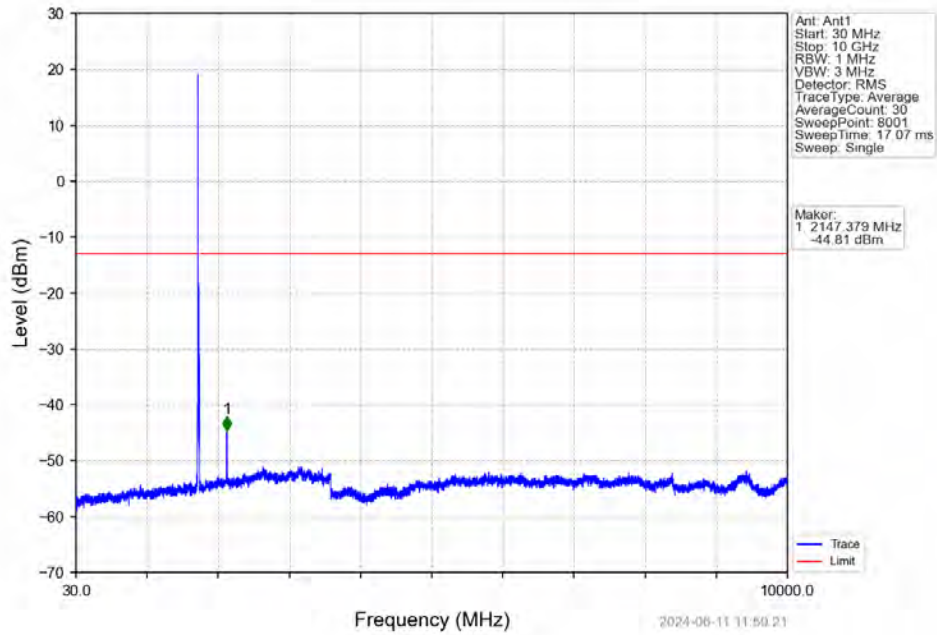


Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

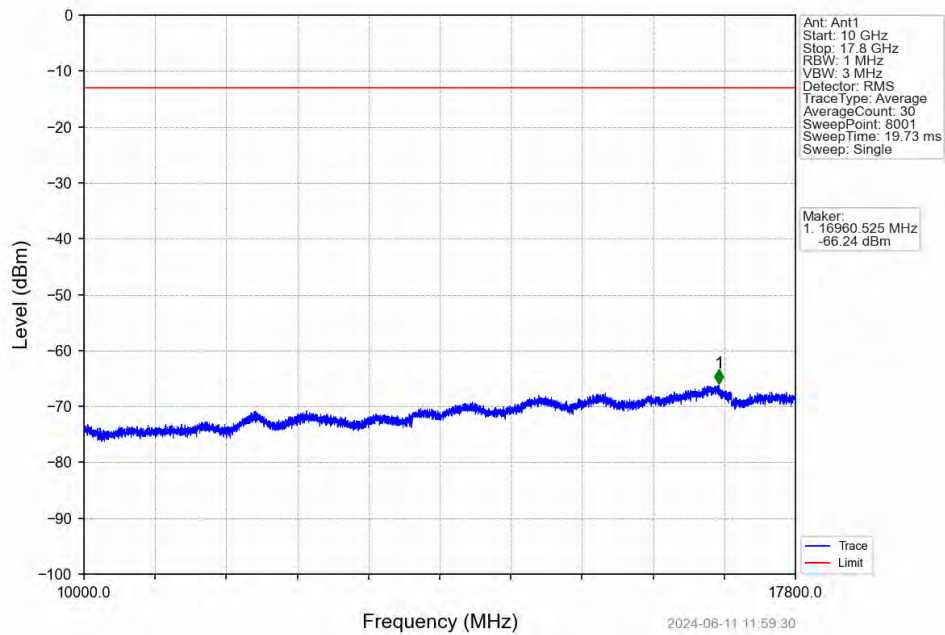


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-26.24	-13	Pass
1709	1710	0.11	/	2	1709.920	-29.76	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

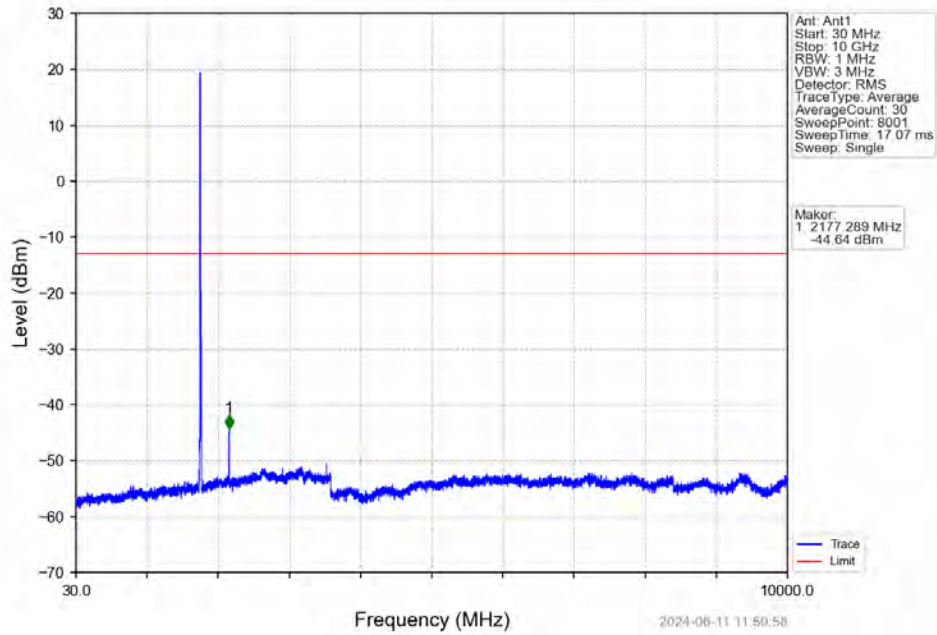
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



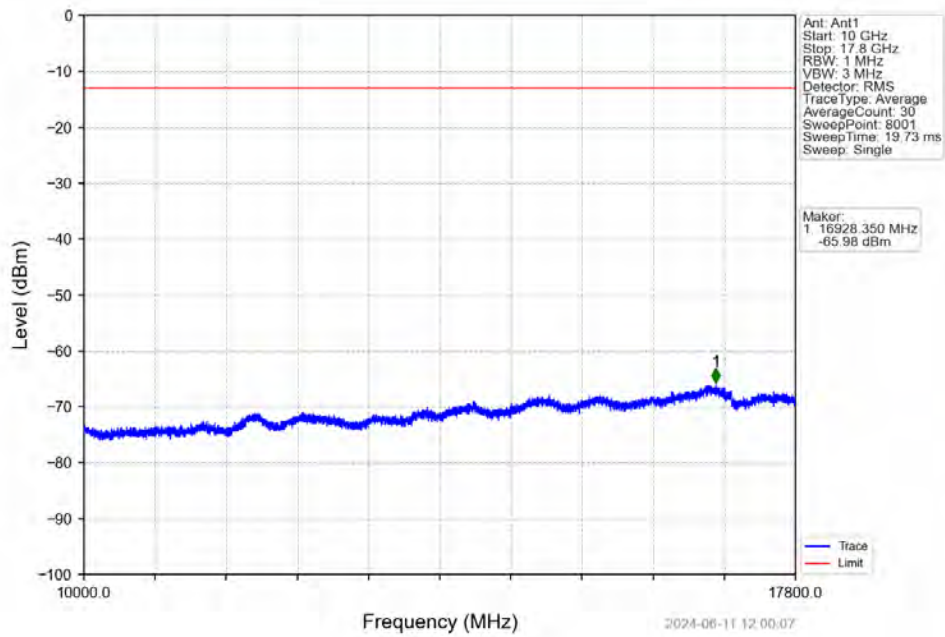
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



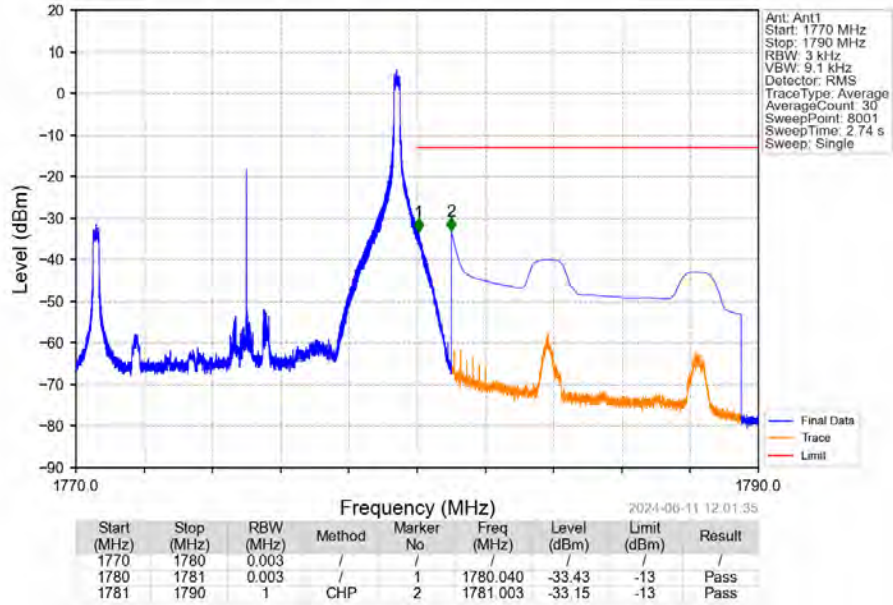
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN



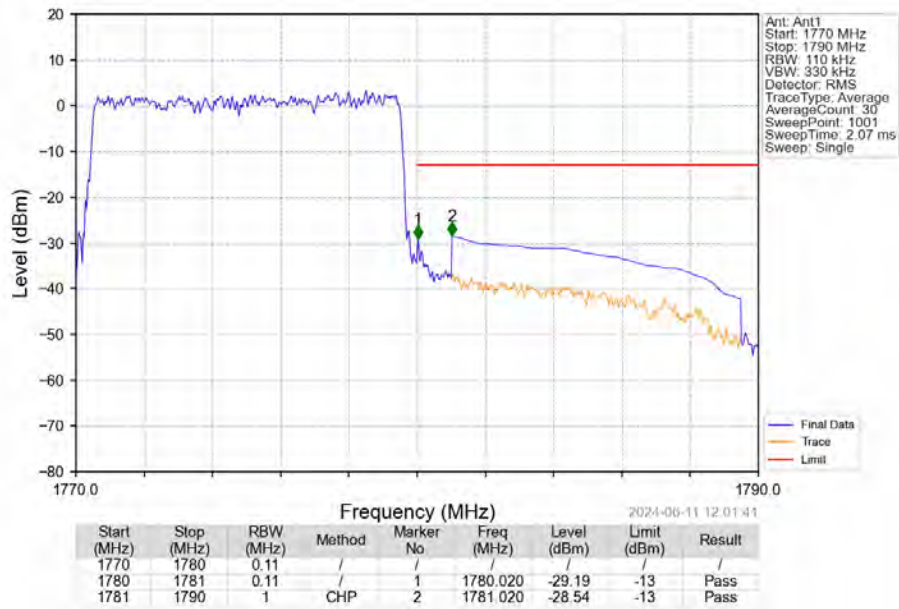
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN



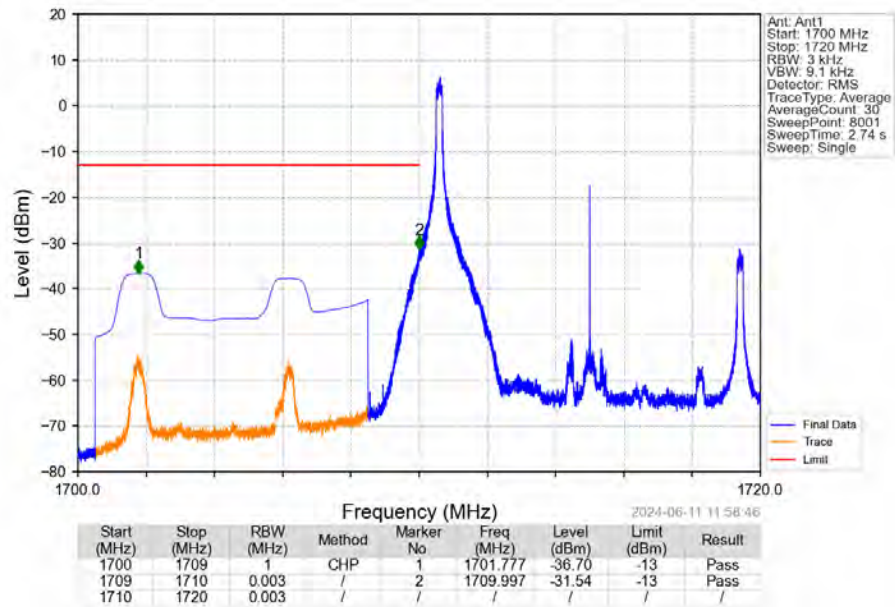
Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTNV



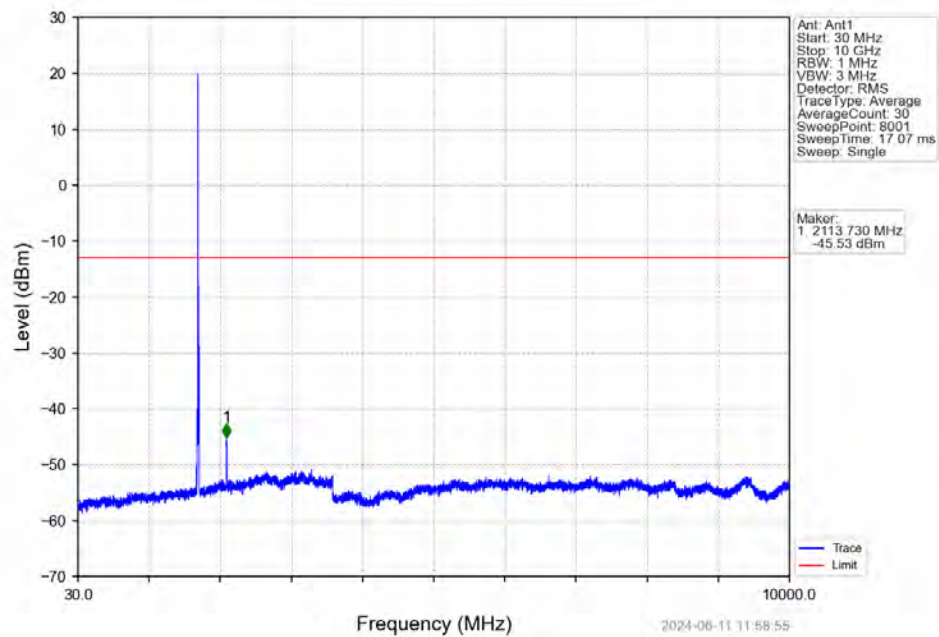
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



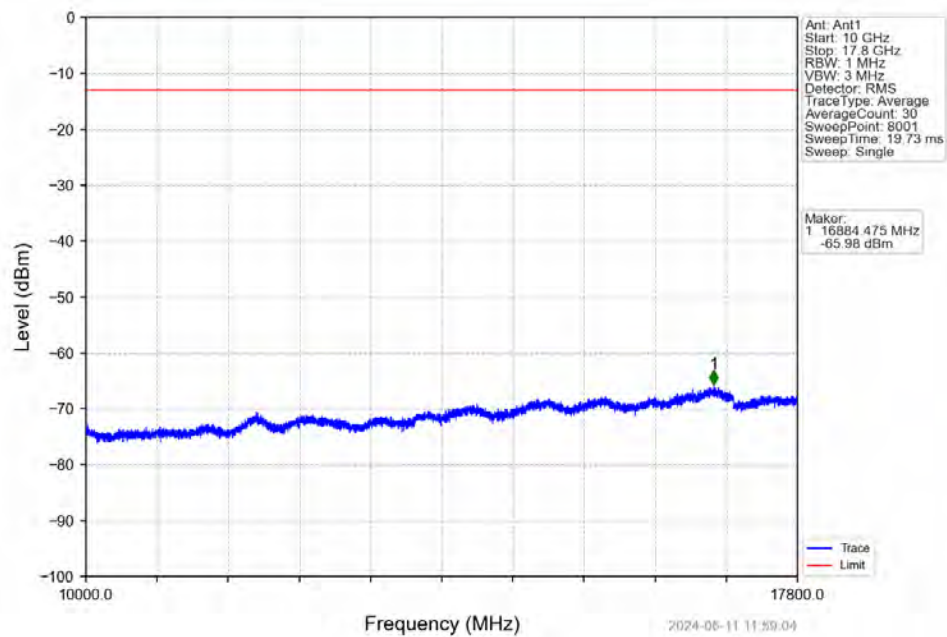
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTV



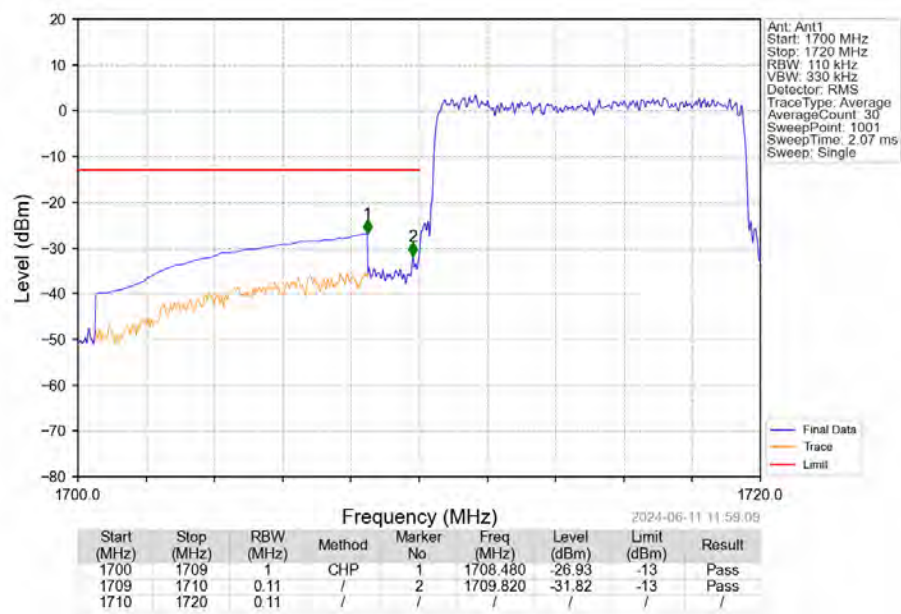
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTV



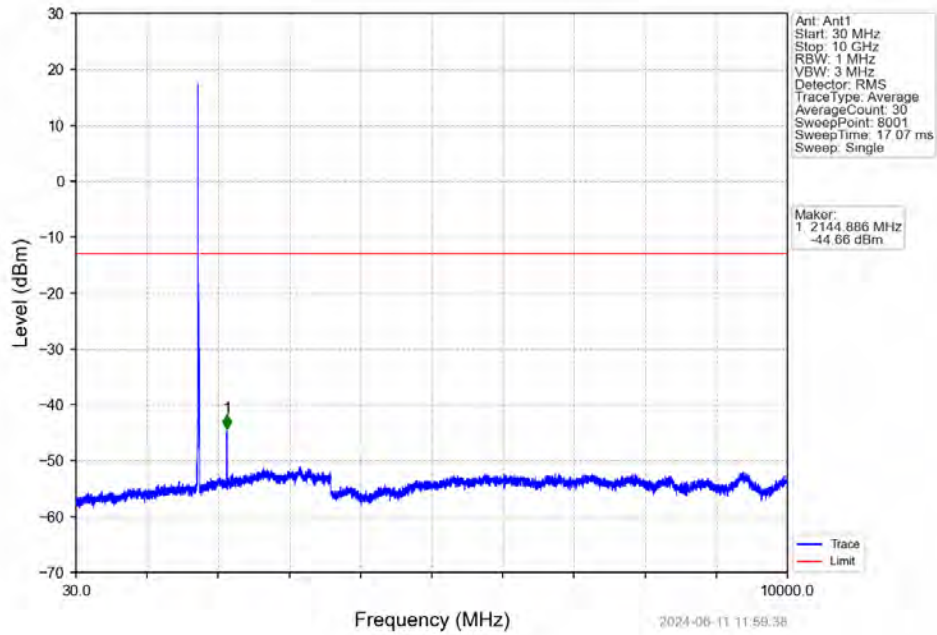
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTV



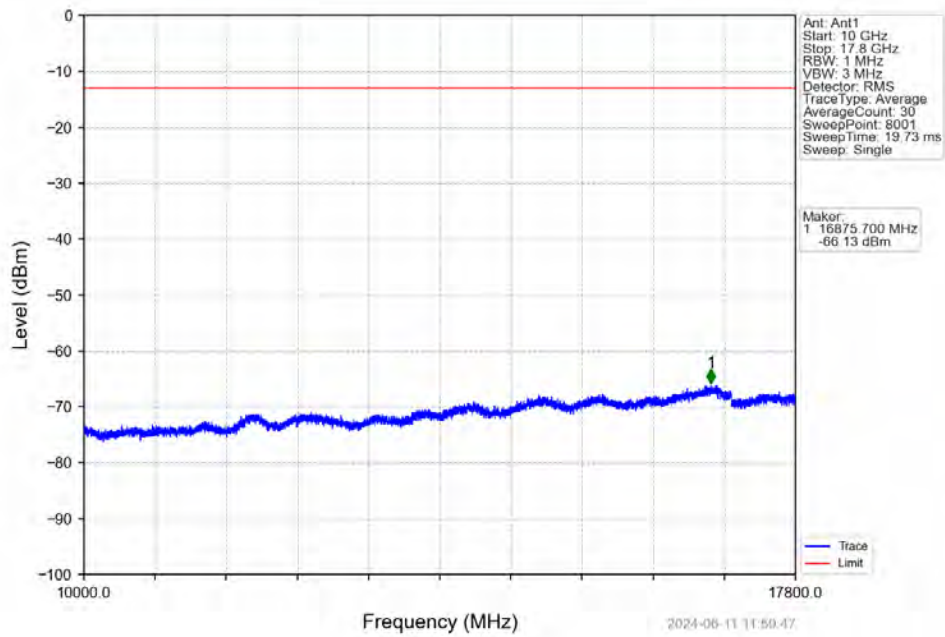
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



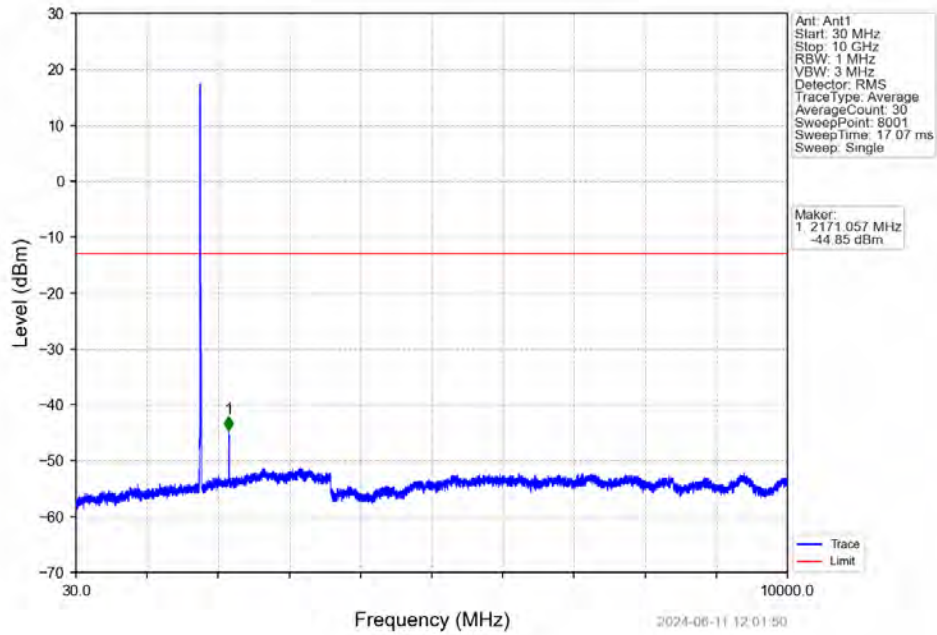
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



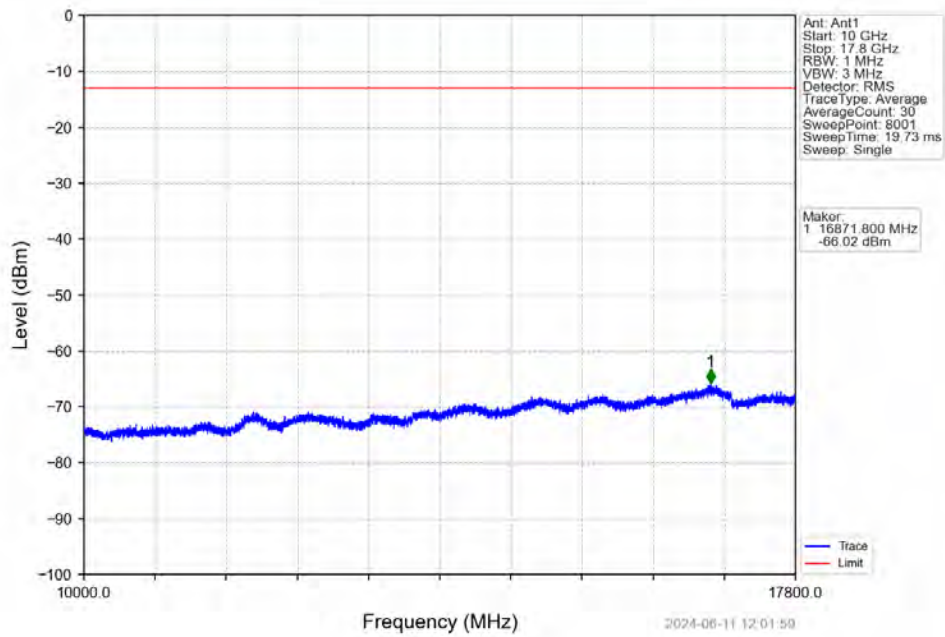
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



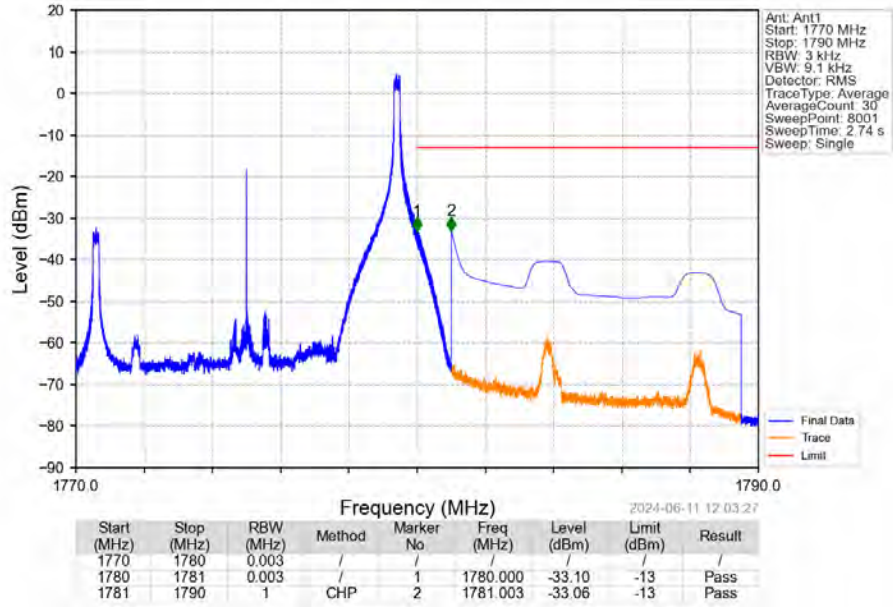
Band66 10MHz 16QAM HCH 1775MHz RB 1 0 NTNV



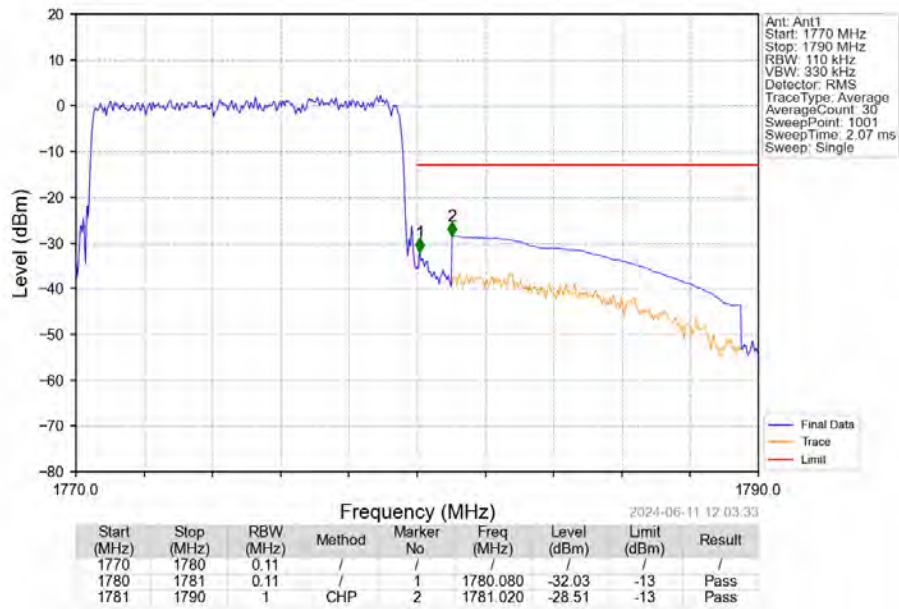
Band66 10MHz 16QAM HCH 1775MHz RB 1 0 NTNV



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



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

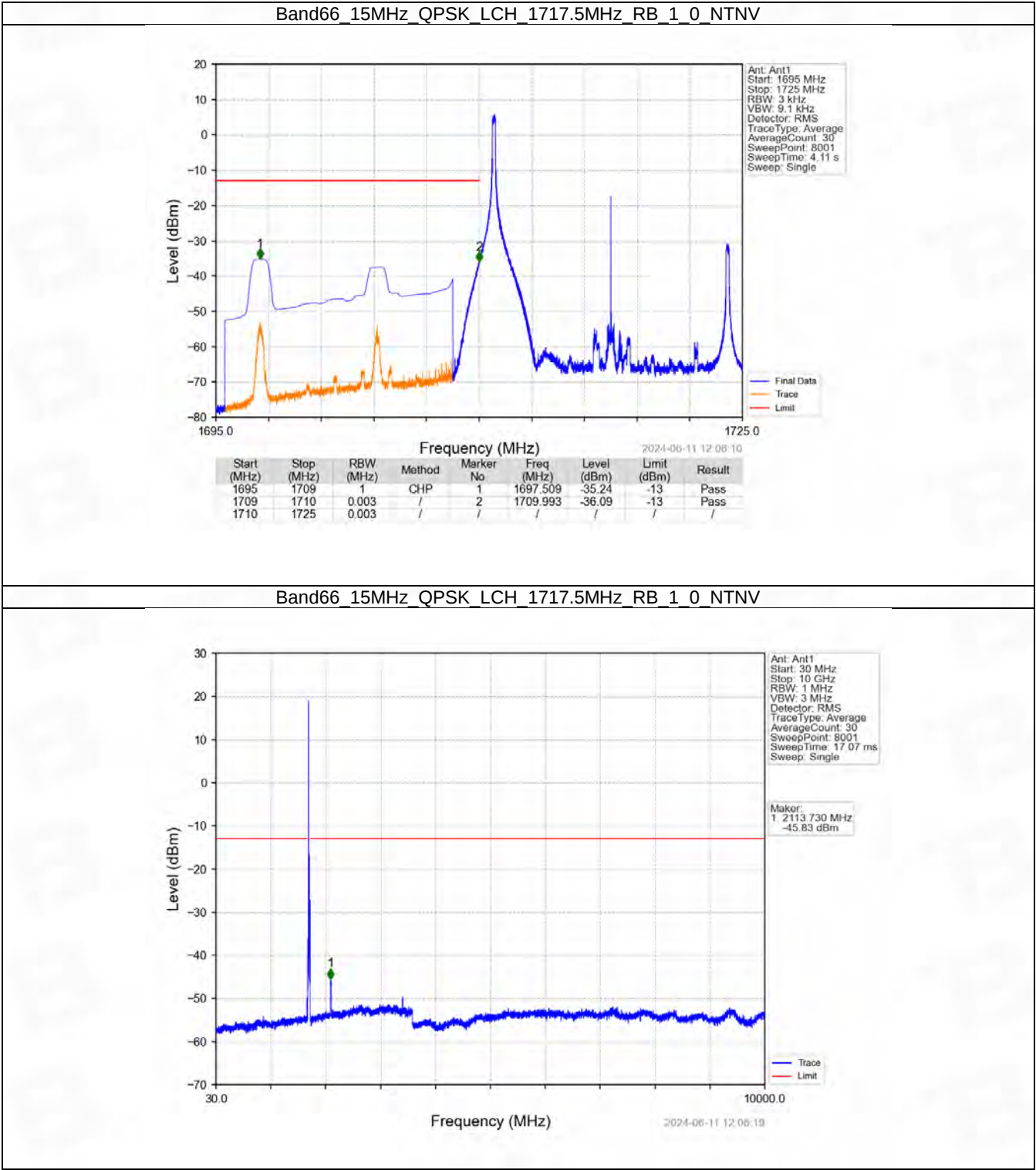


6.5 B66_15MHz

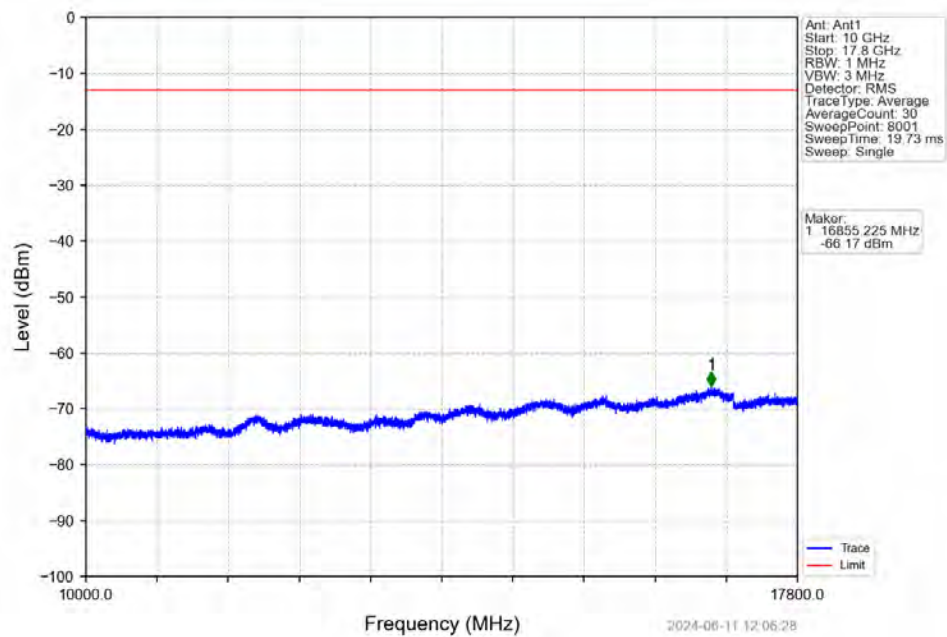
6.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / 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
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

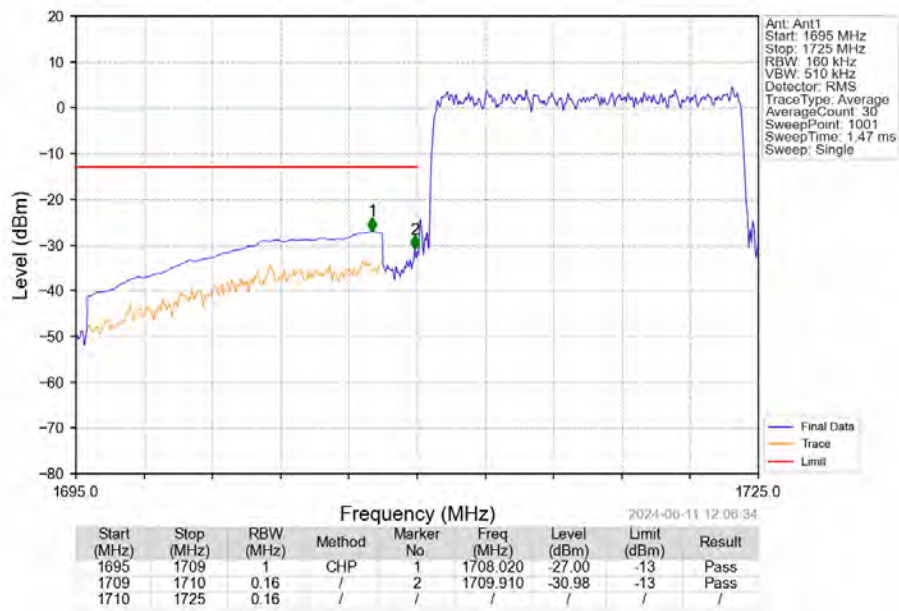
6.5.2 Test Graph



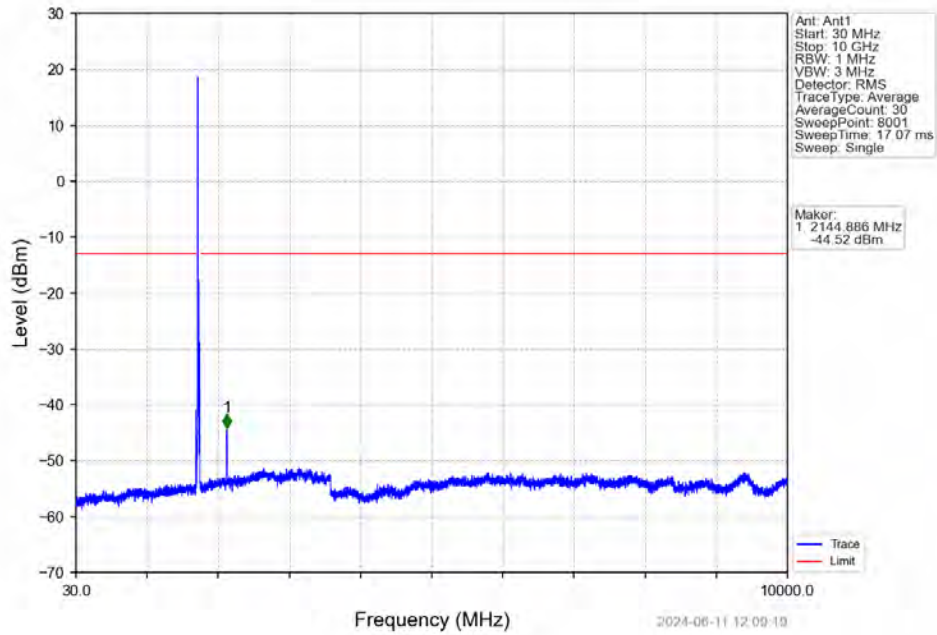
Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV



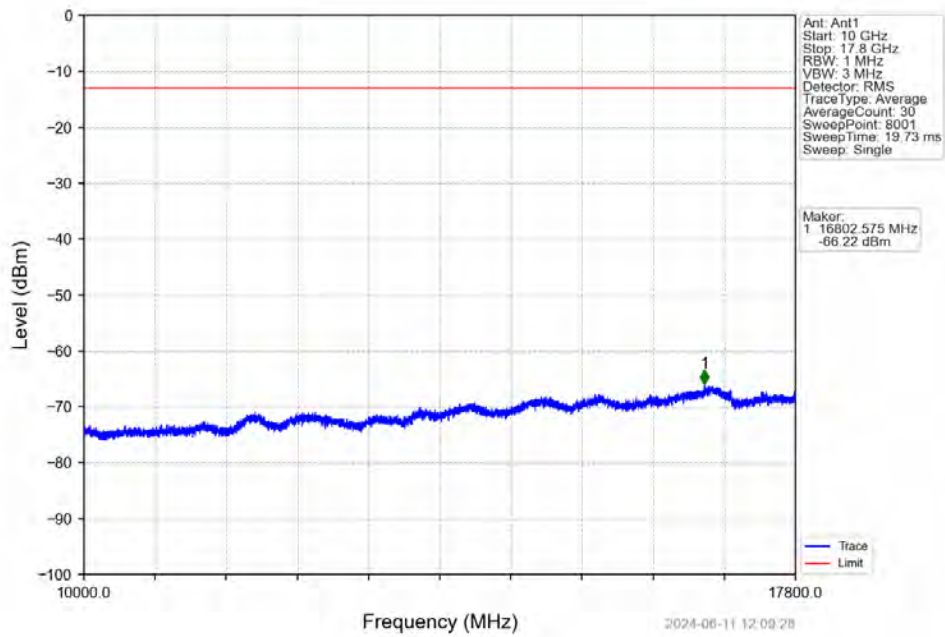
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV



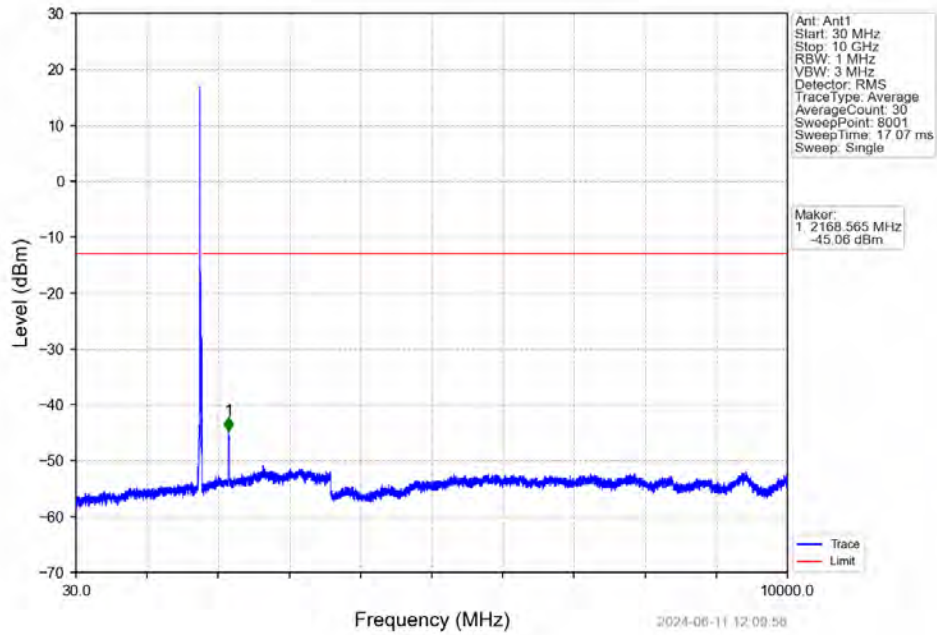
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



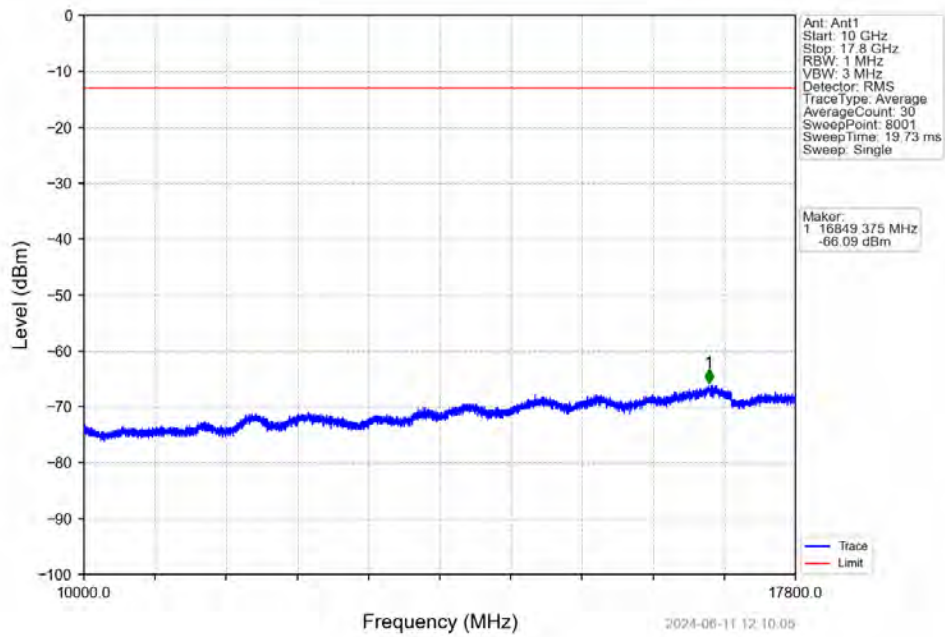
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



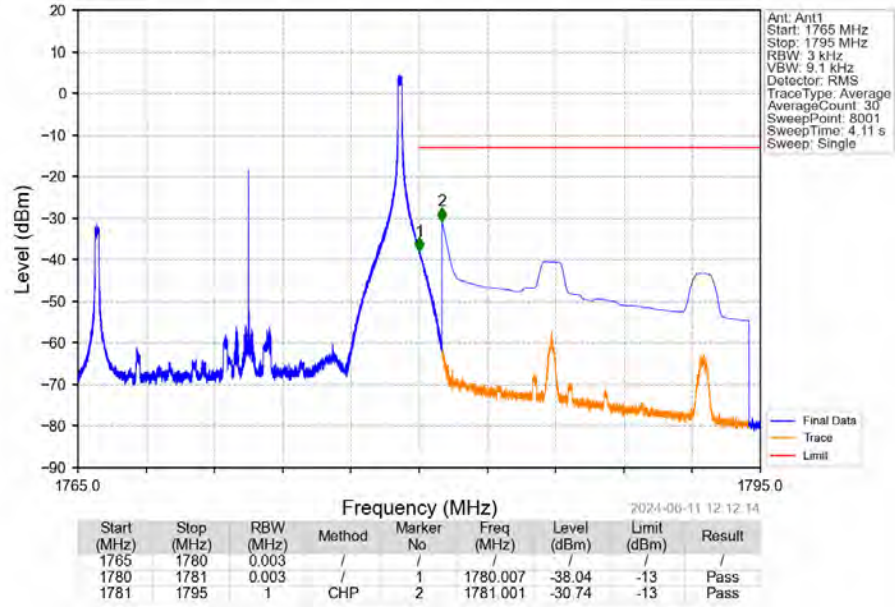
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



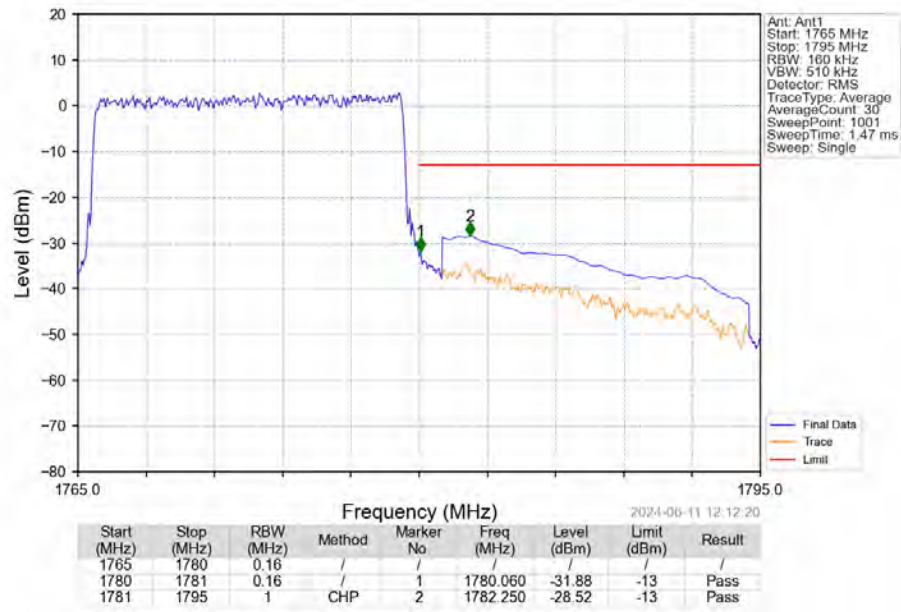
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



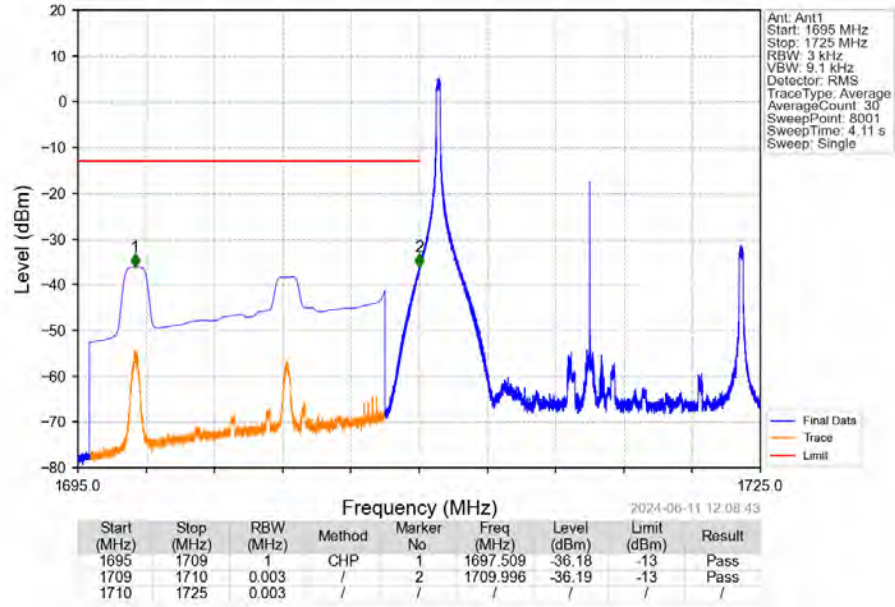
Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



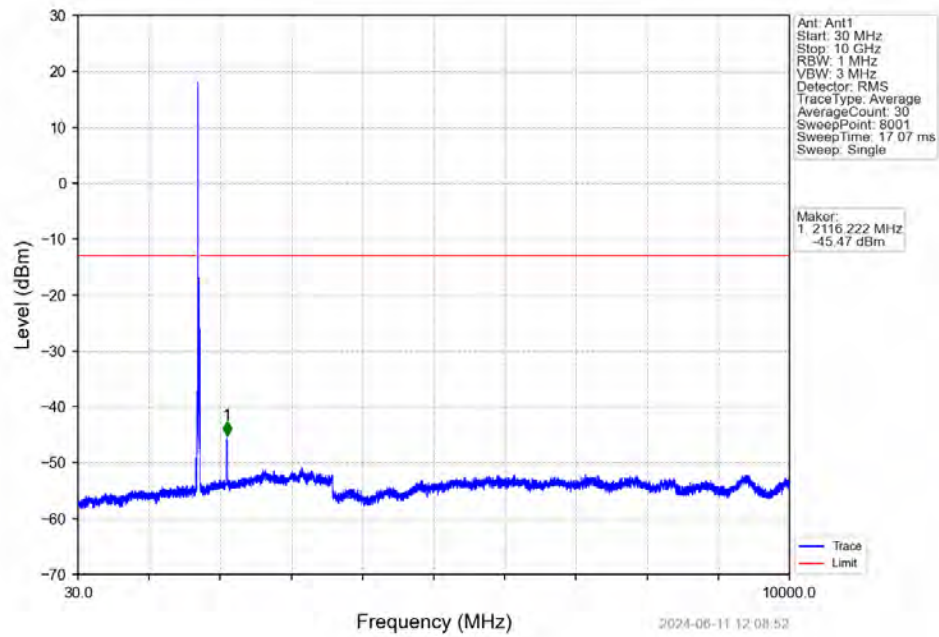
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



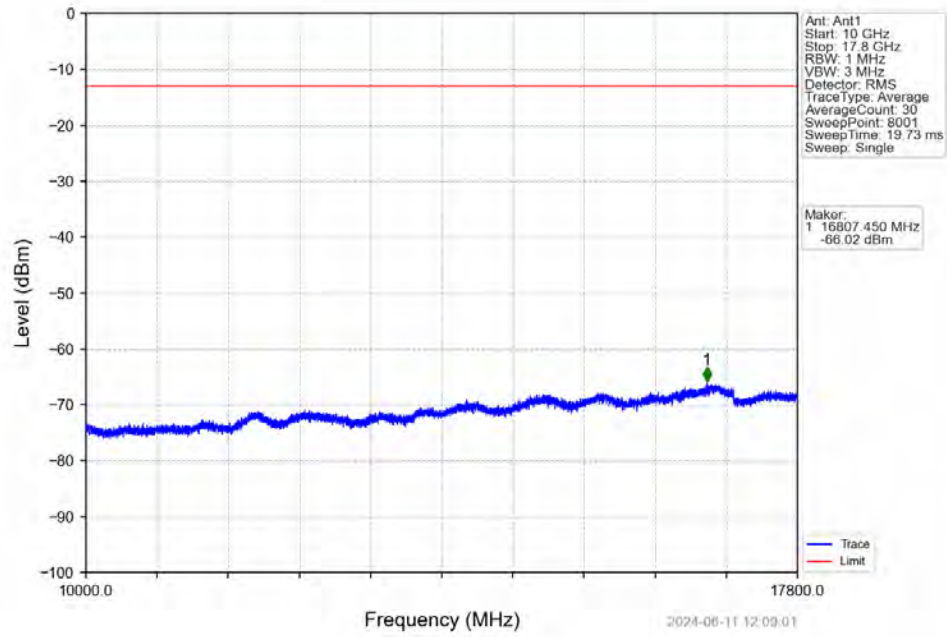
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



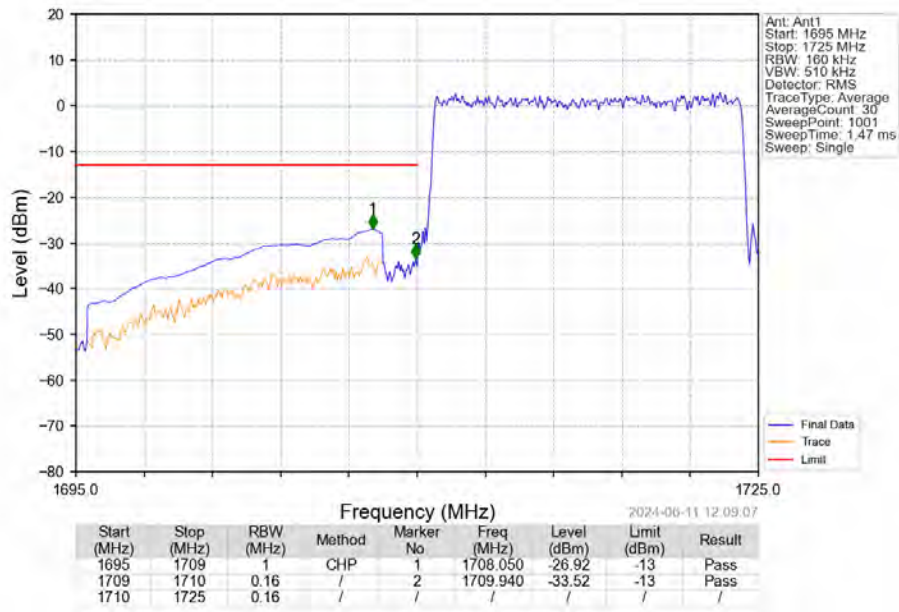
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



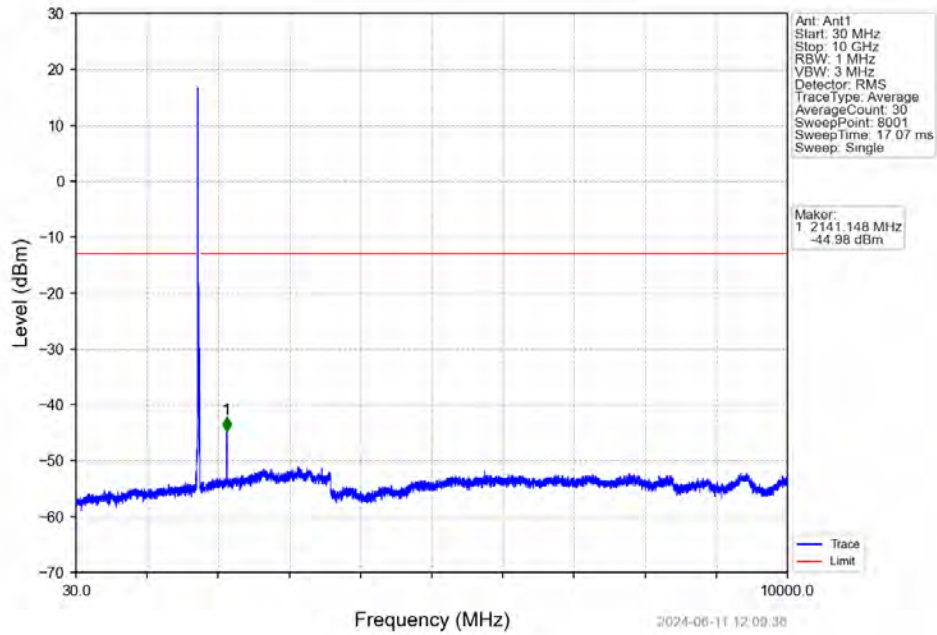
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



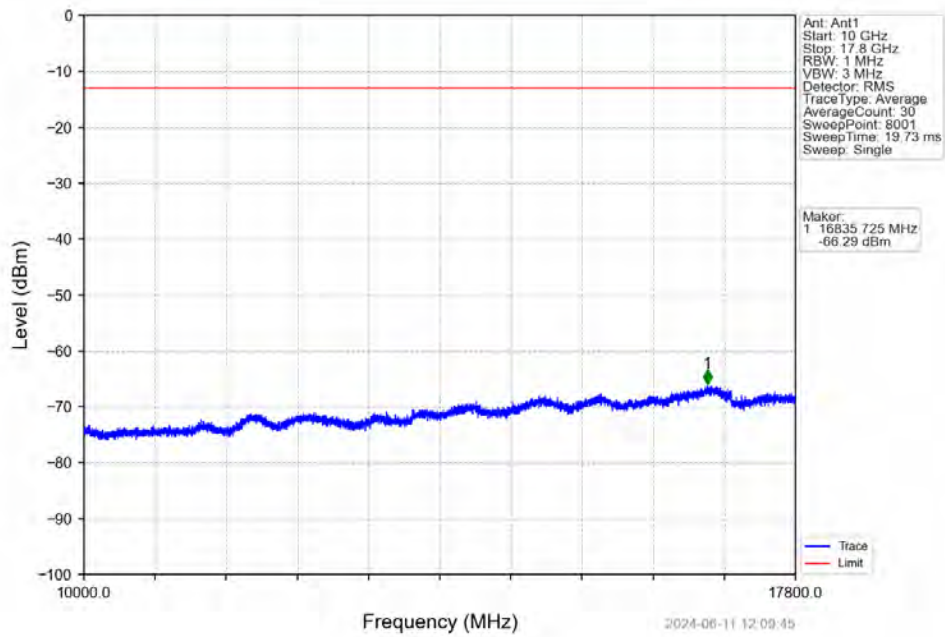
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



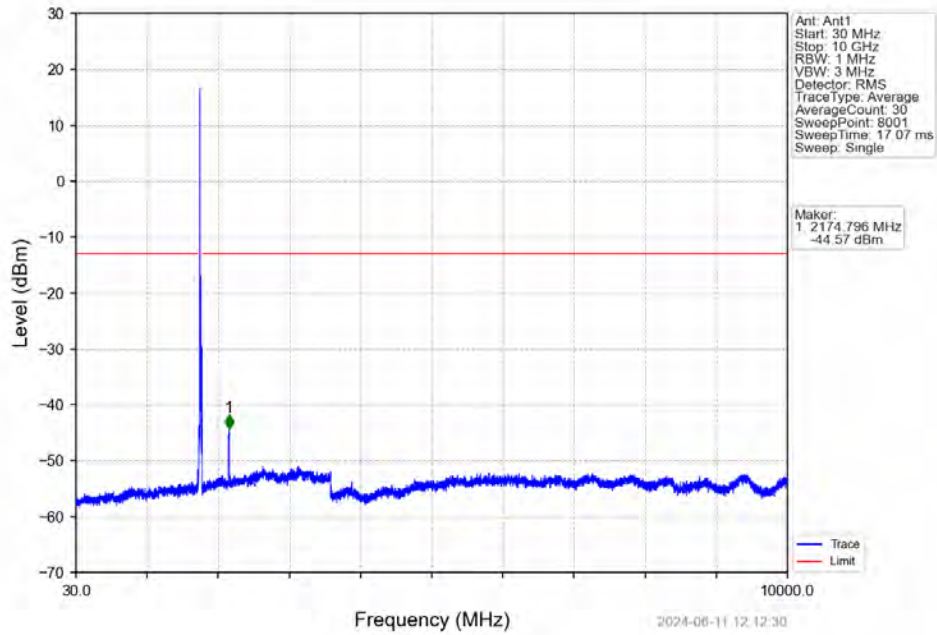
Band66 15MHz 16QAM MCH 1745MHz RB 1 0 NTNV



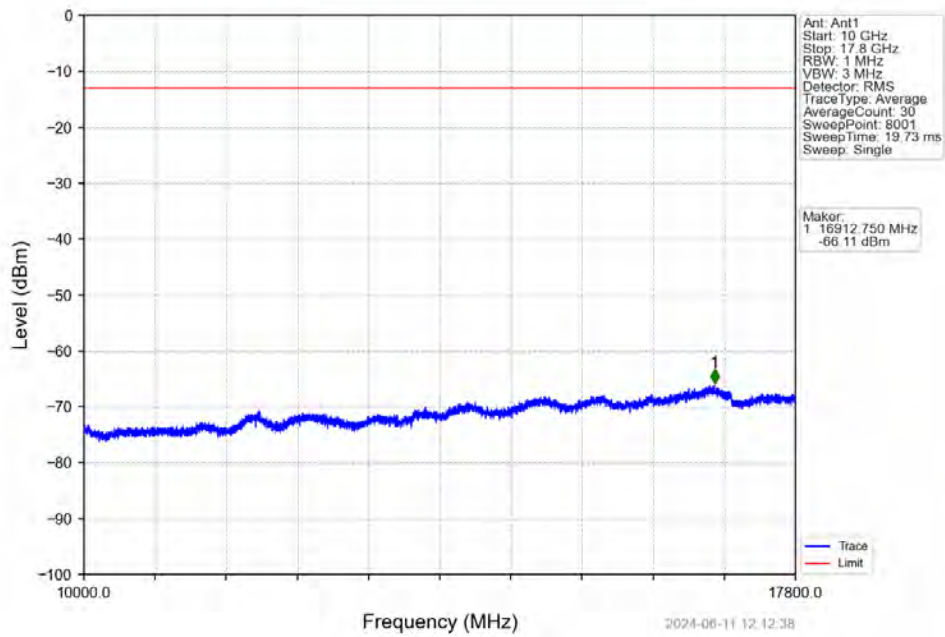
Band66 15MHz 16QAM MCH 1745MHz RB 1 0 NTNV



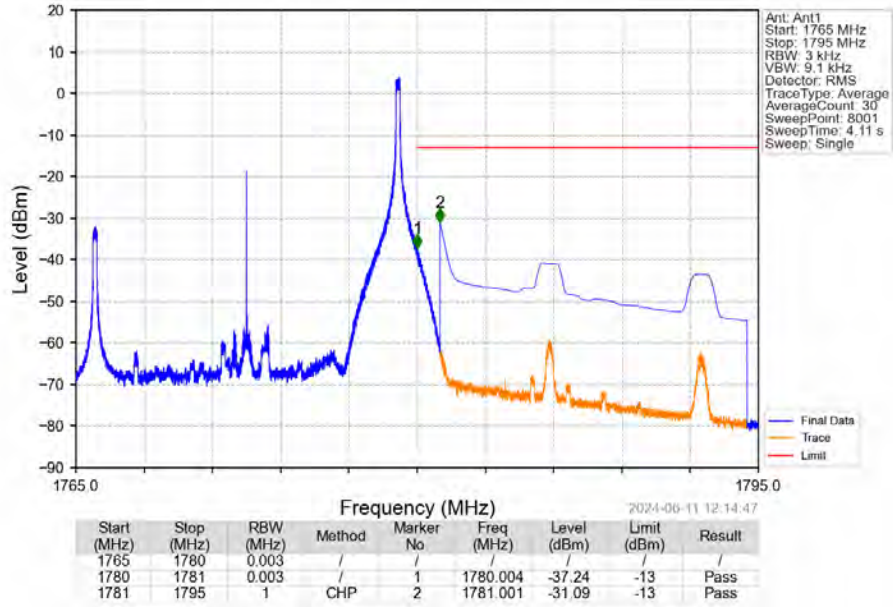
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



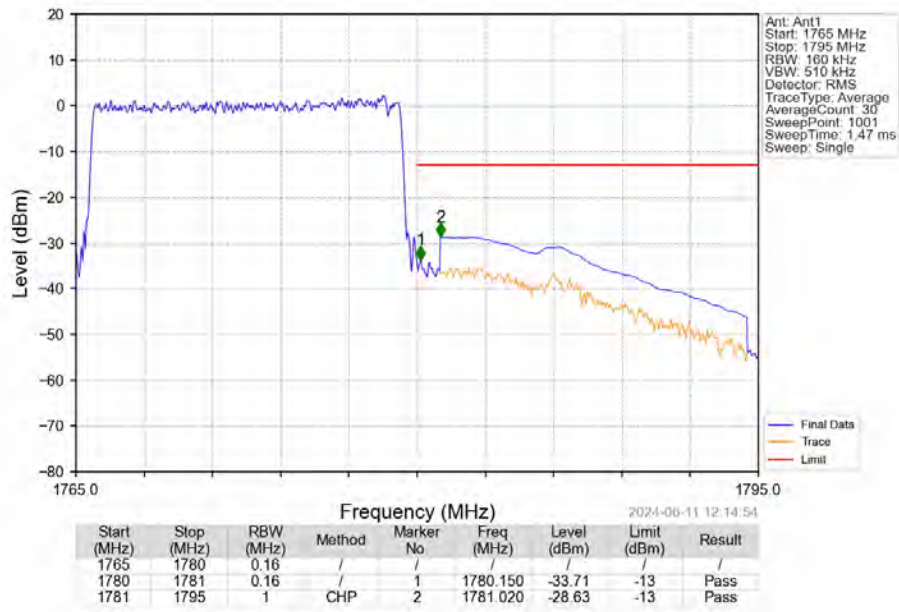
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTNV



Band66 15MHz 16QAM HCH 1772.5MHz RB 1 74 NTNV



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

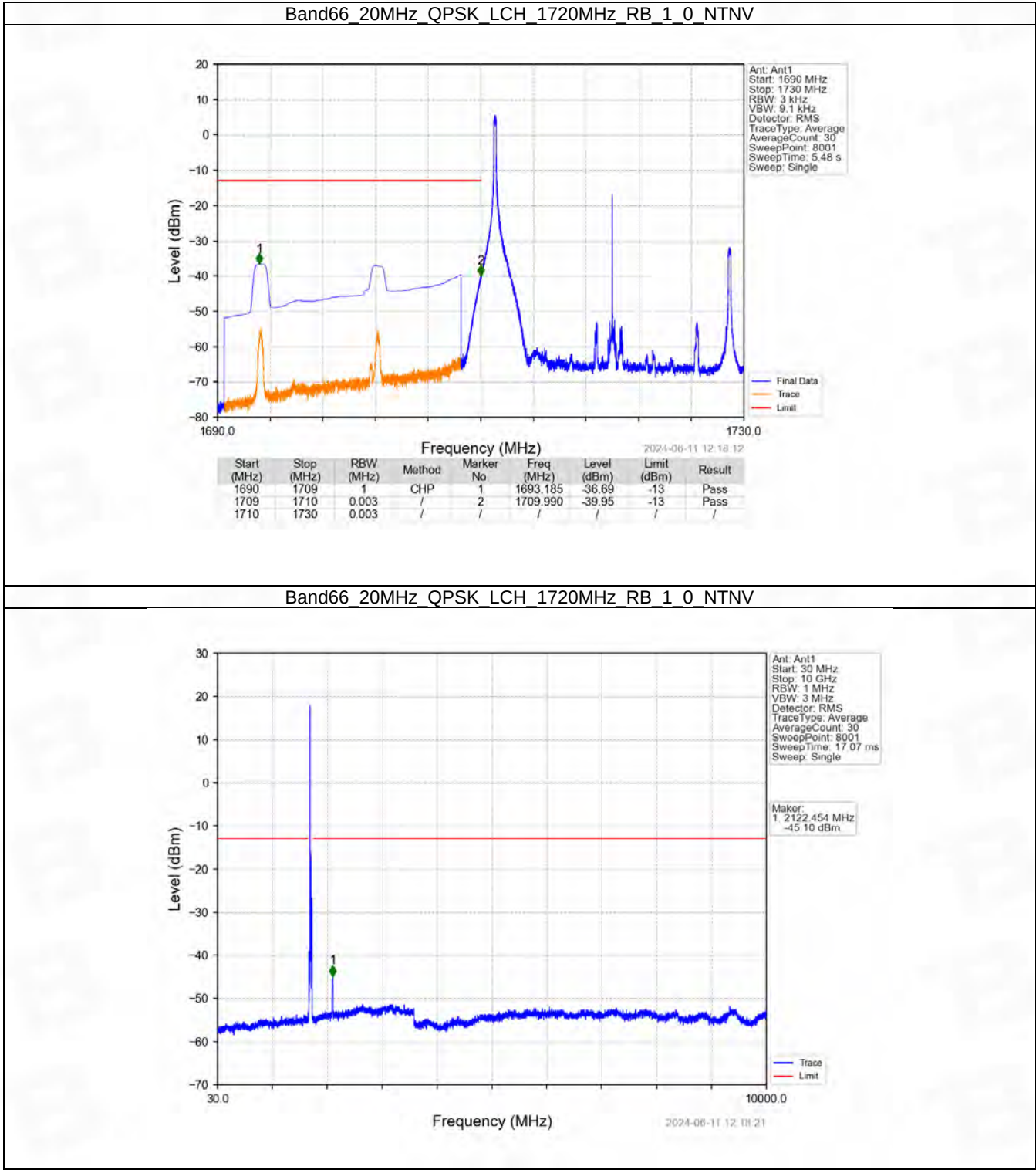


6.6 B66_20MHz

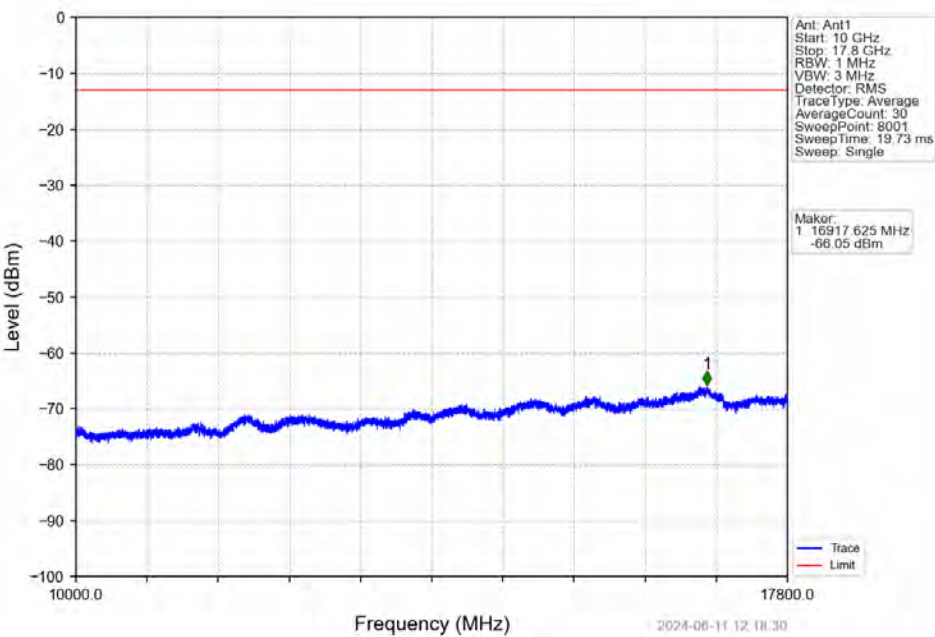
6.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTVN						
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

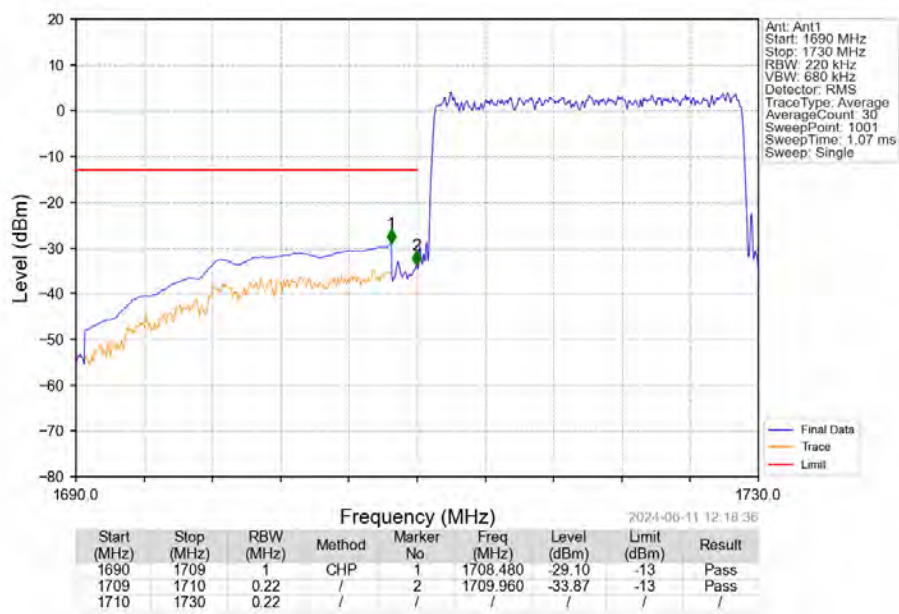
6.6.2 Test Graph



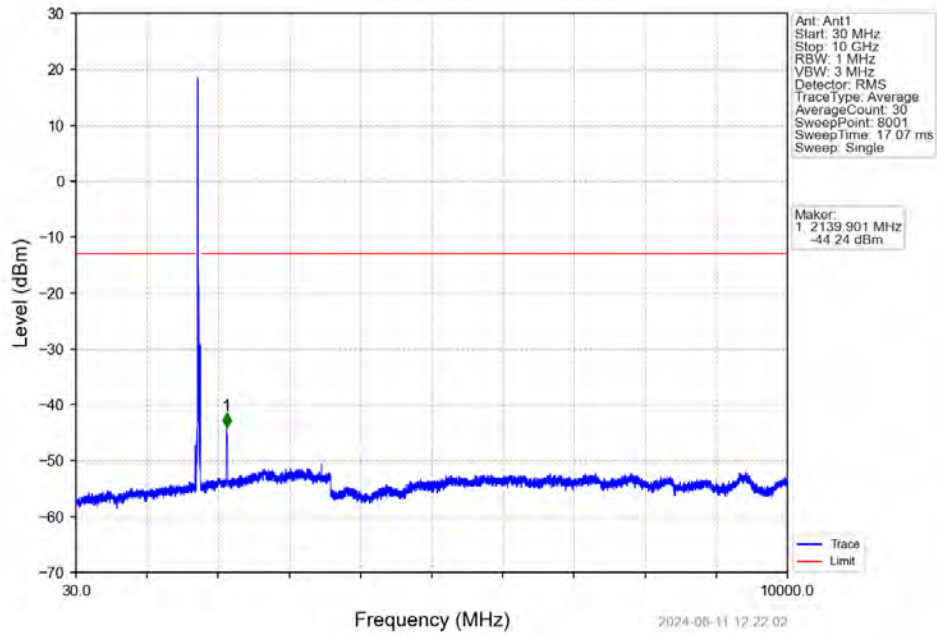
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTN



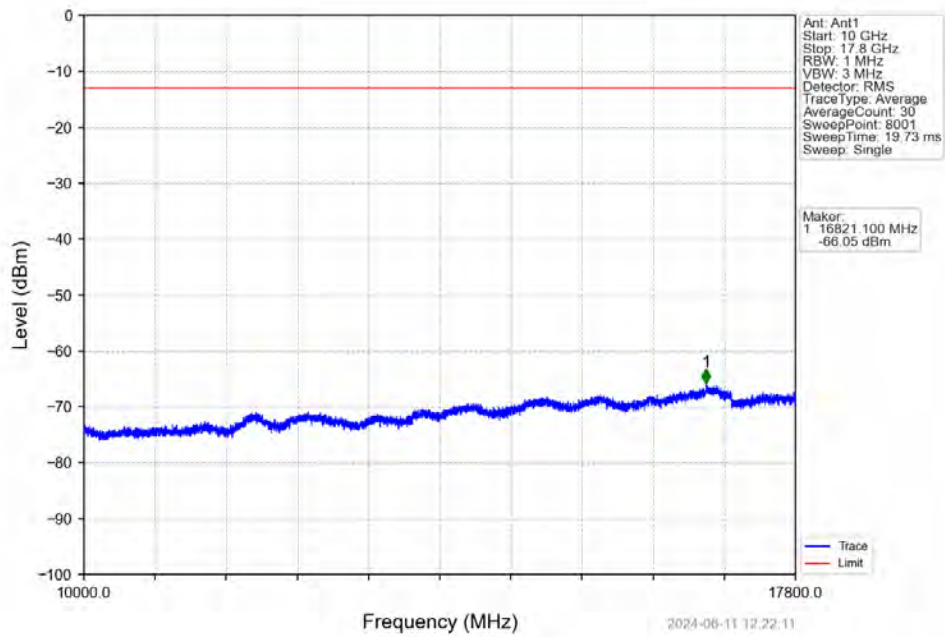
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTN



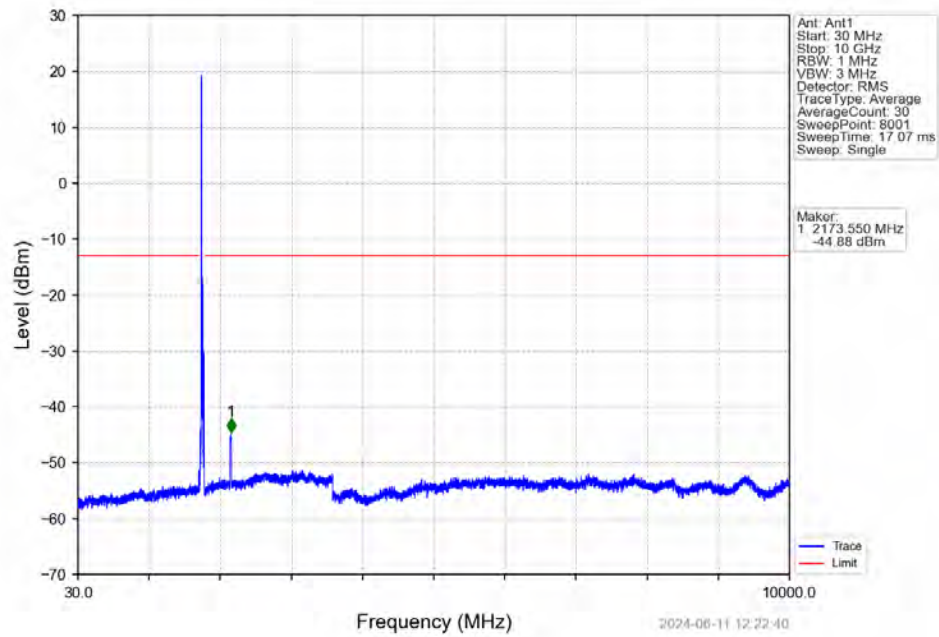
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



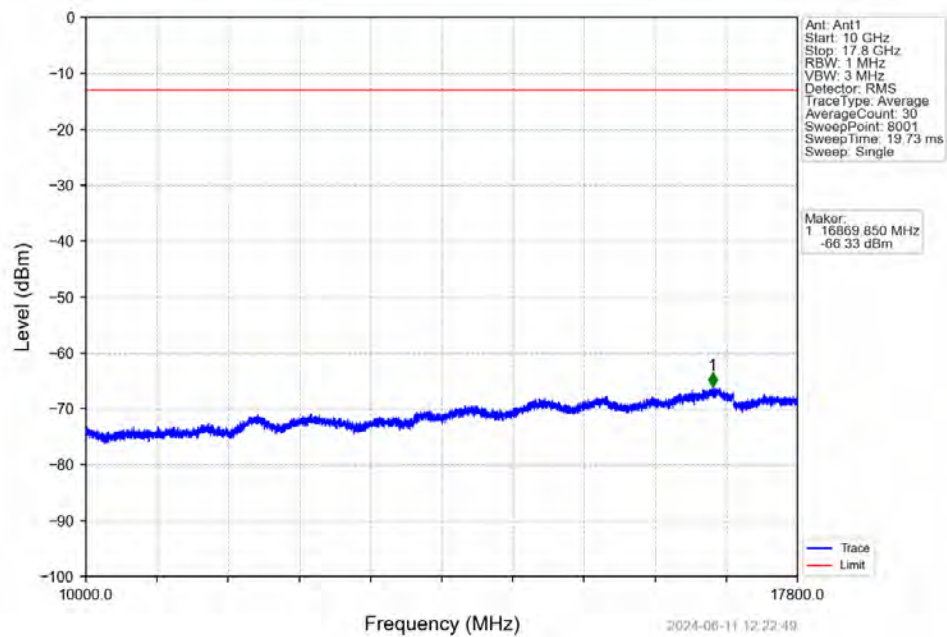
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



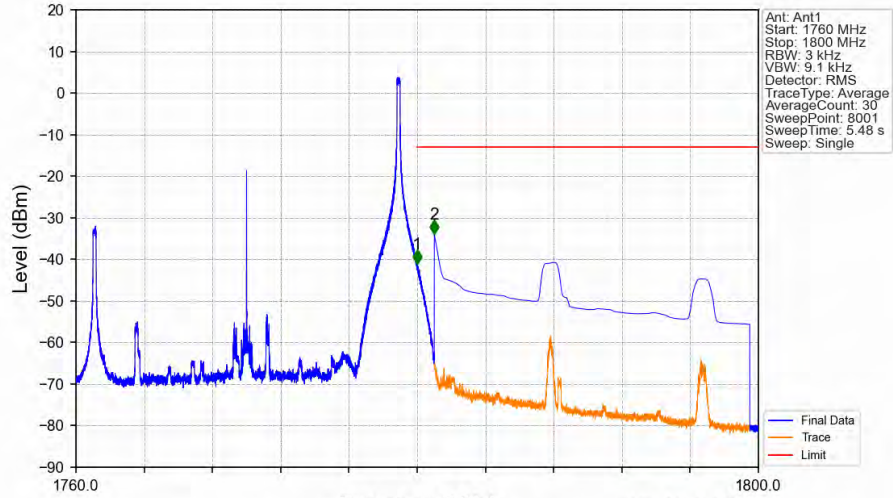
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



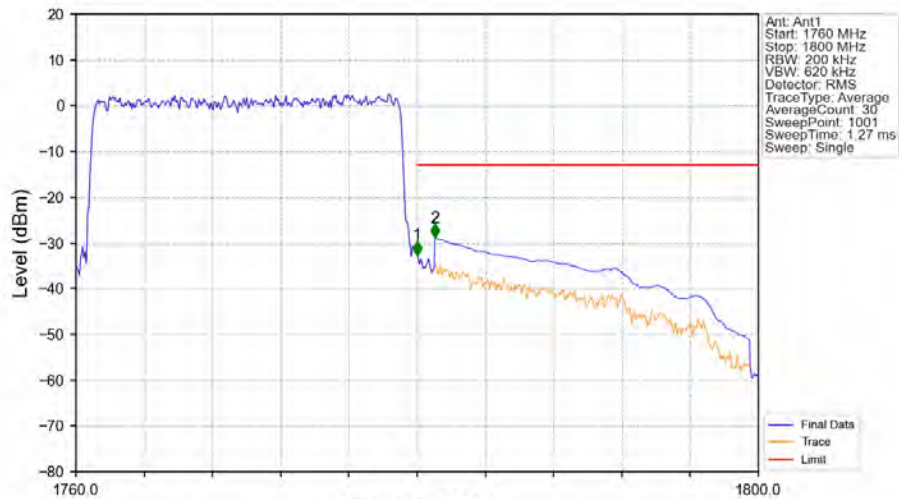
Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	1	1780.000	-41.10	-13	Pass
1780	1781	0.003	/	2	1781.005	-33.92	-13	Pass

2024-06-11 12:25:39

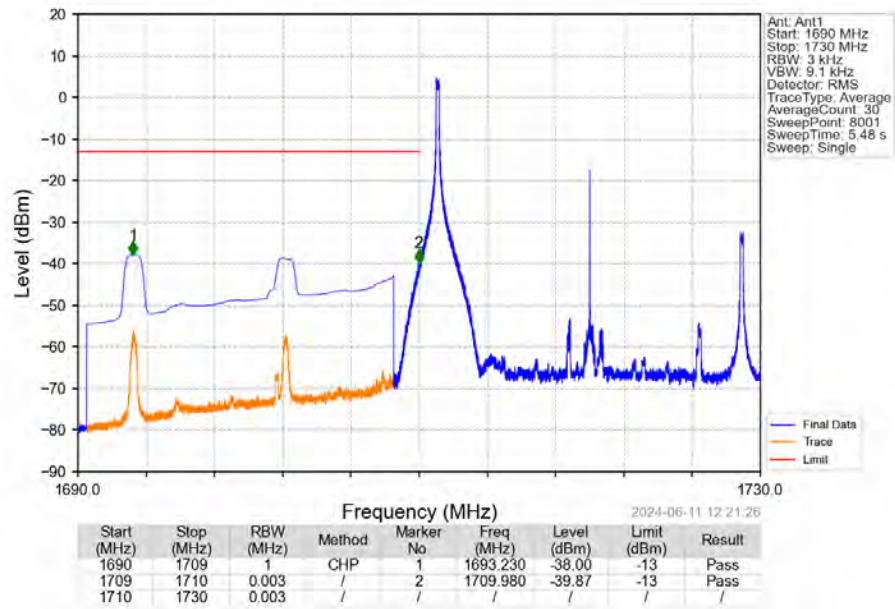
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



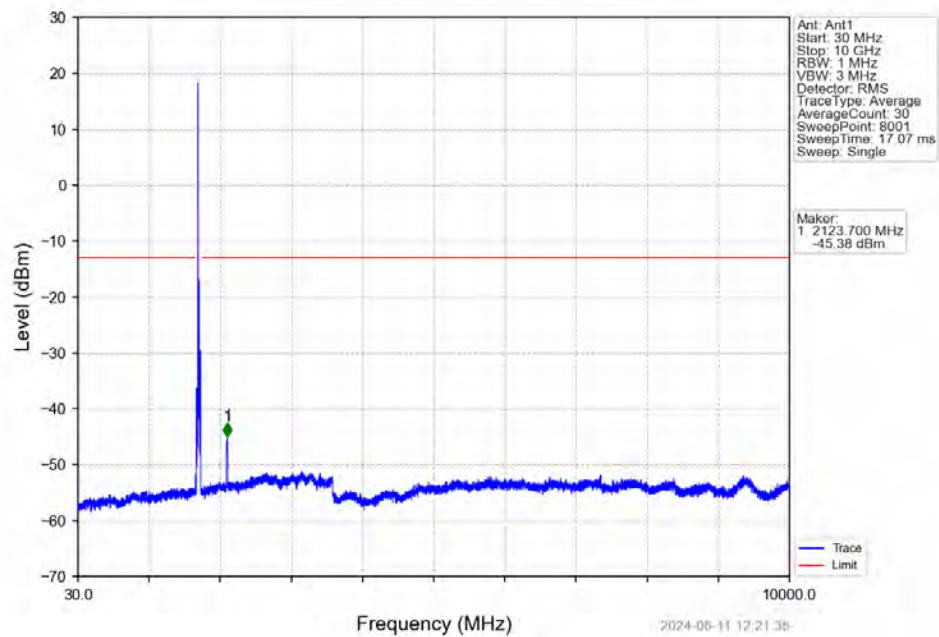
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.2	/	1	1780.000	-32.64	-13	Pass
1780	1781	0.2	/	2	1781.040	-28.81	-13	Pass

2024-06-11 12:25:45

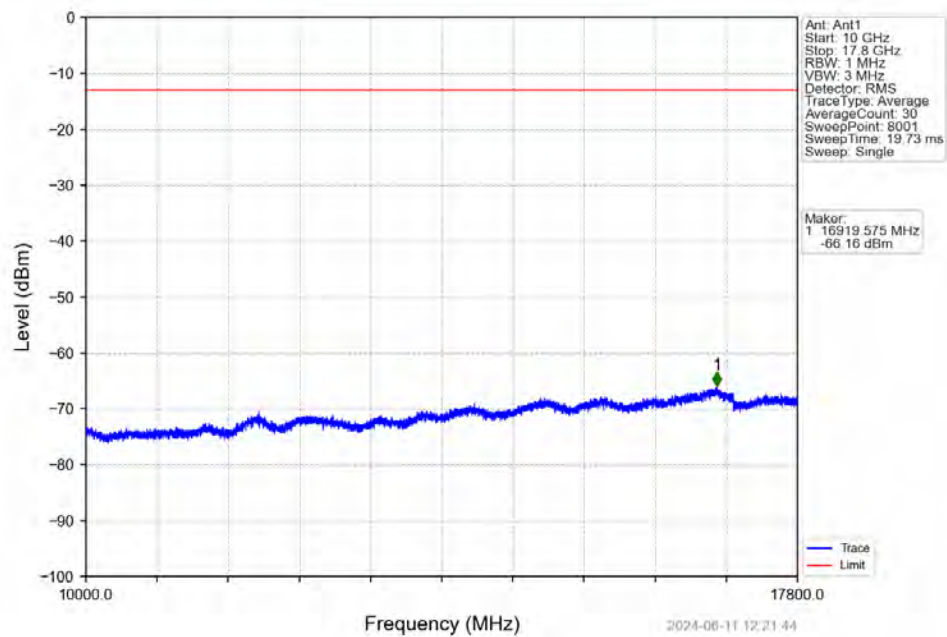
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



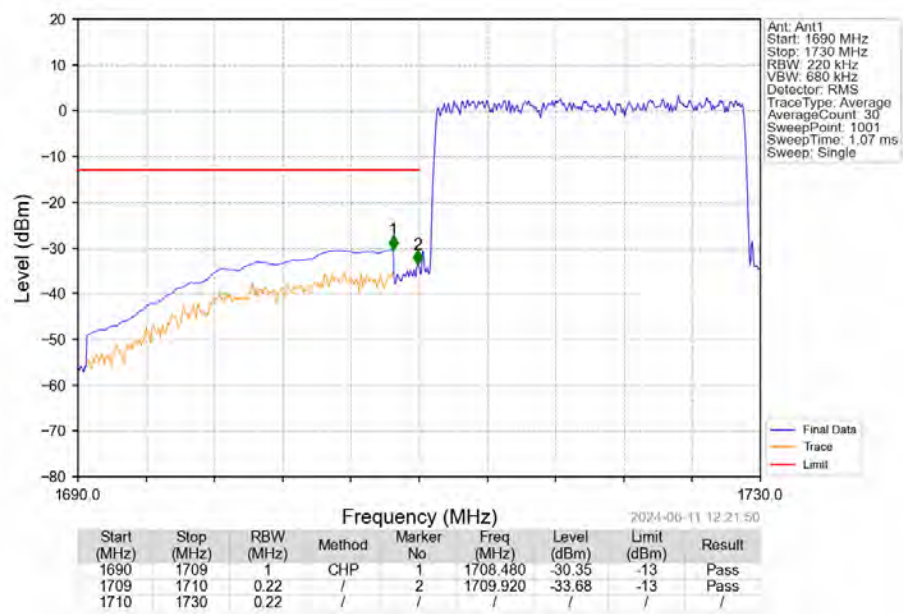
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



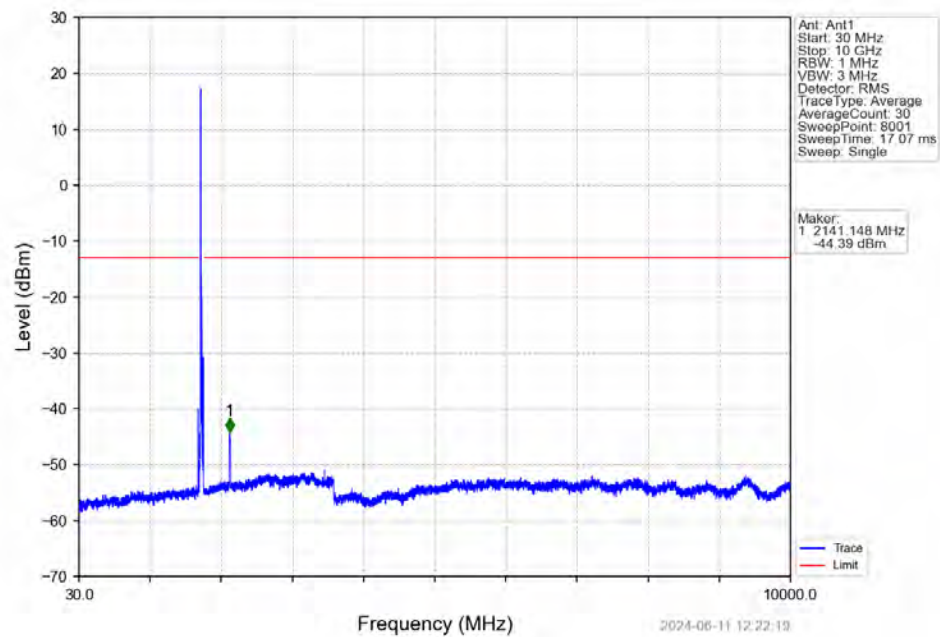
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



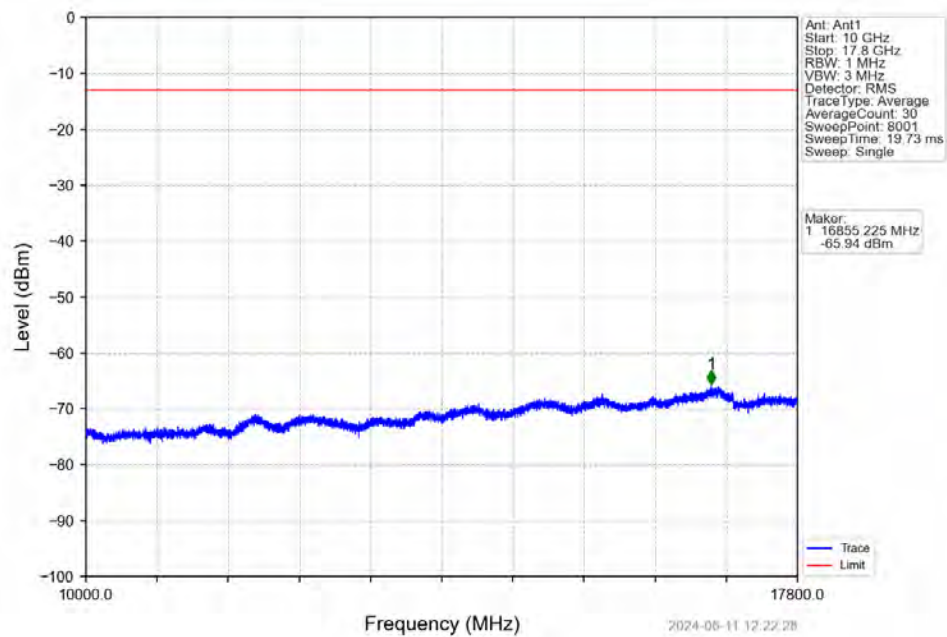
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



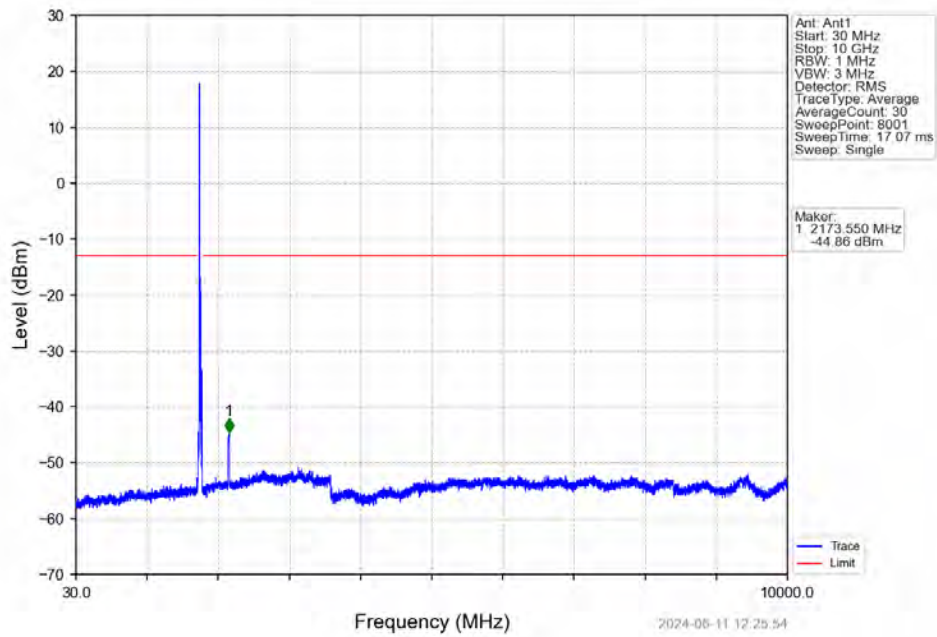
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



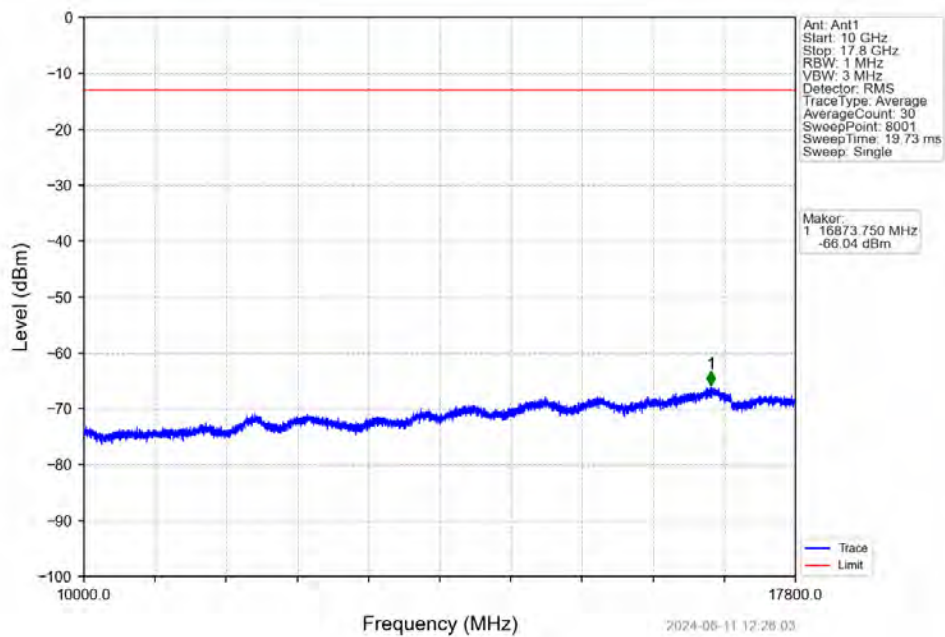
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



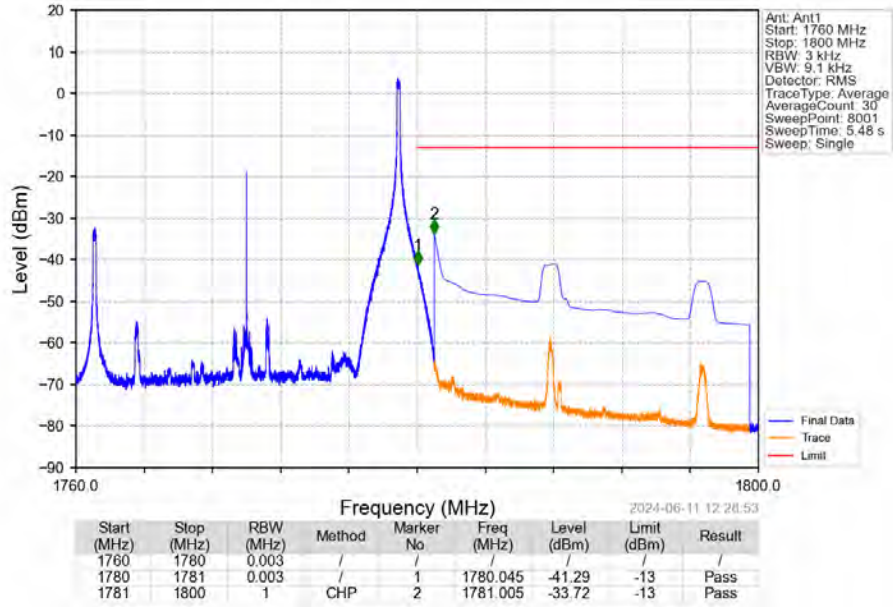
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTNV



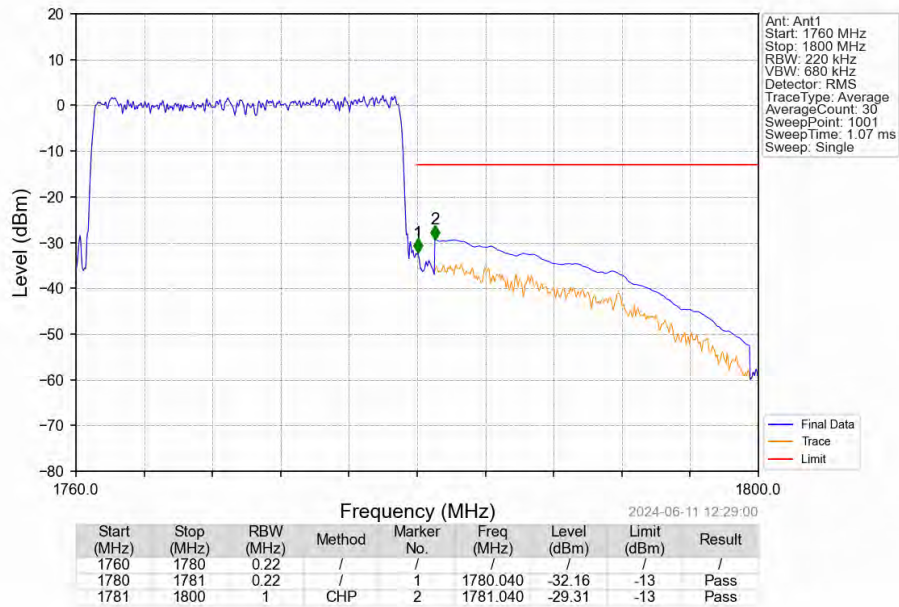
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTNV



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	0.2729	0.0095	ppm	1M11G7D	27L	24.36
66	1.4	1710.7	1779.3	0.2148	0.0310	ppm	1M11W7D	27L	23.32
66	3	1711.5	1778.5	0.2858	0.0099	ppm	2M73G7D	27L	24.56
66	3	1711.5	1778.5	0.2198	0.0177	ppm	2M73W7D	27L	23.42
66	5	1712.5	1777.5	0.2630	0.0057	ppm	4M58G7D	27L	24.20
66	5	1712.5	1777.5	0.2143	0.0069	ppm	4M59W7D	27L	23.31
66	10	1715	1775	0.2692	0.0065	ppm	9M11G7D	27L	24.30
66	10	1715	1775	0.2118	0.0056	ppm	9M11W7D	27L	23.26
66	15	1717.5	1772.5	0.2642	0.0051	ppm	13M6G7D	27L	24.22
66	15	1717.5	1772.5	0.2118	0.0075	ppm	13M6W7D	27L	23.26
66	20	1720	1770	0.2630	0.0063	ppm	18M2G7D	27L	24.20
66	20	1720	1770	0.2168	0.0062	ppm	18M2W7D	27L	23.36

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	0.2541	0.0095	ppm	1M11G7D	27L	24.05
66	1.4	1710.7	1779.3	0.2000	0.0310	ppm	1M11W7D	27L	23.01
66	3	1711.5	1778.5	0.2661	0.0099	ppm	2M73G7D	27L	24.25
66	3	1711.5	1778.5	0.2046	0.0177	ppm	2M73W7D	27L	23.11
66	5	1712.5	1777.5	0.2449	0.0057	ppm	4M58G7D	27L	23.89
66	5	1712.5	1777.5	0.1995	0.0069	ppm	4M59W7D	27L	23.00
66	10	1715	1775	0.2506	0.0065	ppm	9M11G7D	27L	23.99
66	10	1715	1775	0.1972	0.0056	ppm	9M11W7D	27L	22.95
66	15	1717.5	1772.5	0.2460	0.0051	ppm	13M6G7D	27L	23.91
66	15	1717.5	1772.5	0.1972	0.0075	ppm	13M6W7D	27L	22.95
66	20	1720	1770	0.2449	0.0063	ppm	18M2G7D	27L	23.89
66	20	1720	1770	0.2018	0.0062	ppm	18M2W7D	27L	23.05