

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.68	0.16	21.84	<=30	Pass
			2	21.78	0.16	21.94	<=30	Pass
			5	21.66	0.16	21.82	<=30	Pass
		3	0	21.72	0.16	21.88	<=30	Pass
			2	21.75	0.16	21.91	<=30	Pass
			3	21.72	0.16	21.88	<=30	Pass
		6	0	20.72	0.16	20.88	<=30	Pass
	1745	1	0	21.75	0.16	21.91	<=30	Pass
			2	21.85	0.16	22.01	<=30	Pass
			5	21.75	0.16	21.91	<=30	Pass
		3	0	21.81	0.16	21.97	<=30	Pass
			2	21.85	0.16	22.01	<=30	Pass
			3	21.79	0.16	21.95	<=30	Pass
		6	0	20.93	0.16	21.09	<=30	Pass
	1779.3	1	0	21.76	0.16	21.92	<=30	Pass
			2	21.87	0.16	22.03	<=30	Pass
			5	21.76	0.16	21.92	<=30	Pass
		3	0	21.91	0.16	22.07	<=30	Pass
			2	21.90	0.16	22.06	<=30	Pass
			3	21.87	0.16	22.03	<=30	Pass
		6	0	20.88	0.16	21.04	<=30	Pass
16QAM	1710.7	1	0	20.63	0.16	20.79	<=30	Pass
			2	20.80	0.16	20.96	<=30	Pass
			5	20.71	0.16	20.87	<=30	Pass
		3	0	20.77	0.16	20.93	<=30	Pass
			2	20.77	0.16	20.93	<=30	Pass
			3	20.79	0.16	20.95	<=30	Pass
		6	0	19.66	0.16	19.82	<=30	Pass
	1745	1	0	20.86	0.16	21.02	<=30	Pass
			2	20.96	0.16	21.12	<=30	Pass
			5	20.88	0.16	21.04	<=30	Pass
		3	0	20.71	0.16	20.87	<=30	Pass
			2	20.73	0.16	20.89	<=30	Pass
			3	20.73	0.16	20.89	<=30	Pass
		6	0	19.83	0.16	19.99	<=30	Pass
	1779.3	1	0	20.75	0.16	20.91	<=30	Pass
			2	20.84	0.16	21.00	<=30	Pass
			5	20.78	0.16	20.94	<=30	Pass
		3	0	21.02	0.16	21.18	<=30	Pass
			2	21.07	0.16	21.23	<=30	Pass
			3	21.03	0.16	21.19	<=30	Pass
		6	0	19.85	0.16	20.01	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1711.5	1	0	21.79	0.16	21.95	<=30	Pass	
			7	21.89	0.16	22.05	<=30	Pass	
			14	21.75	0.16	21.91	<=30	Pass	
		8	0	20.73	0.16	20.89	<=30	Pass	
			4	20.79	0.16	20.95	<=30	Pass	
			7	20.74	0.16	20.90	<=30	Pass	
		15	0	20.73	0.16	20.89	<=30	Pass	
		1745	1	0	21.82	0.16	21.98	<=30	Pass
				7	21.94	0.16	22.10	<=30	Pass
	14			21.83	0.16	21.99	<=30	Pass	
	8		0	20.88	0.16	21.04	<=30	Pass	
			4	20.91	0.16	21.07	<=30	Pass	
			7	20.87	0.16	21.03	<=30	Pass	
	15	0	20.83	0.16	20.99	<=30	Pass		
	1778.5	1	0	21.89	0.16	22.05	<=30	Pass	
			7	22.00	0.16	22.16	<=30	Pass	
			14	21.86	0.16	22.02	<=30	Pass	
		8	0	20.88	0.16	21.04	<=30	Pass	
			4	20.91	0.16	21.07	<=30	Pass	
			7	20.86	0.16	21.02	<=30	Pass	
		15	0	20.91	0.16	21.07	<=30	Pass	
16QAM		1711.5	1	0	20.79	0.16	20.95	<=30	Pass
				7	20.91	0.16	21.07	<=30	Pass
	14			20.76	0.16	20.92	<=30	Pass	
	8		0	19.80	0.16	19.96	<=30	Pass	
			4	19.86	0.16	20.02	<=30	Pass	
			7	19.81	0.16	19.97	<=30	Pass	
	15		0	19.77	0.16	19.93	<=30	Pass	
	1745	1	0	20.97	0.16	21.13	<=30	Pass	
			7	21.07	0.16	21.23	<=30	Pass	
			14	20.95	0.16	21.11	<=30	Pass	
		8	0	19.78	0.16	19.94	<=30	Pass	
			4	19.84	0.16	20.00	<=30	Pass	
			7	19.77	0.16	19.93	<=30	Pass	
	15	0	19.75	0.16	19.91	<=30	Pass		
	1778.5	1	0	21.43	0.16	21.59	<=30	Pass	
			7	21.52	0.16	21.68	<=30	Pass	
			14	21.36	0.16	21.52	<=30	Pass	
		8	0	20.05	0.16	20.21	<=30	Pass	
			4	20.12	0.16	20.28	<=30	Pass	
			7	20.06	0.16	20.22	<=30	Pass	
		15	0	19.97	0.16	20.13	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.61	0.16	21.77	<=30	Pass
			13	21.71	0.16	21.87	<=30	Pass
			24	21.60	0.16	21.76	<=30	Pass
		12	0	20.65	0.16	20.81	<=30	Pass
			6	20.73	0.16	20.89	<=30	Pass
			13	20.65	0.16	20.81	<=30	Pass

	1745	25	0	20.65	0.16	20.81	<=30	Pass
		1	0	21.68	0.16	21.84	<=30	Pass
			13	21.82	0.16	21.98	<=30	Pass
			24	21.66	0.16	21.82	<=30	Pass
			0	20.74	0.16	20.90	<=30	Pass
		12	6	20.78	0.16	20.94	<=30	Pass
			13	20.69	0.16	20.85	<=30	Pass
			25	0	20.69	0.16	20.85	<=30
		1777.5	1	0	21.72	0.16	21.88	<=30
	13			21.84	0.16	22.00	<=30	Pass
	24			21.72	0.16	21.88	<=30	Pass
	12		0	20.80	0.16	20.96	<=30	Pass
			6	20.84	0.16	21.00	<=30	Pass
			13	20.79	0.16	20.95	<=30	Pass
	25		0	20.82	0.16	20.98	<=30	Pass
16QAM	1712.5	1	0	20.71	0.16	20.87	<=30	Pass
			13	20.84	0.16	21.00	<=30	Pass
			24	20.72	0.16	20.88	<=30	Pass
		12	0	19.61	0.16	19.77	<=30	Pass
			6	19.70	0.16	19.86	<=30	Pass
			13	19.62	0.16	19.78	<=30	Pass
		25	0	19.67	0.16	19.83	<=30	Pass
	1745	1	0	20.87	0.16	21.03	<=30	Pass
			13	20.99	0.16	21.15	<=30	Pass
			24	20.84	0.16	21.00	<=30	Pass
		12	0	19.72	0.16	19.88	<=30	Pass
			6	19.78	0.16	19.94	<=30	Pass
			13	19.65	0.16	19.81	<=30	Pass
		25	0	19.67	0.16	19.83	<=30	Pass
	1777.5	1	0	20.58	0.16	20.74	<=30	Pass
			13	20.69	0.16	20.85	<=30	Pass
			24	20.60	0.16	20.76	<=30	Pass
		12	0	19.81	0.16	19.97	<=30	Pass
			6	19.85	0.16	20.01	<=30	Pass
			13	19.77	0.16	19.93	<=30	Pass
		25	0	19.86	0.16	20.02	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.67	0.16	21.83	<=30	Pass
			25	21.85	0.16	22.01	<=30	Pass
			49	21.66	0.16	21.82	<=30	Pass
		25	0	20.71	0.16	20.87	<=30	Pass
			13	20.76	0.16	20.92	<=30	Pass
			25	20.72	0.16	20.88	<=30	Pass
		50	0	20.74	0.16	20.90	<=30	Pass
	1745	1	0	21.72	0.16	21.88	<=30	Pass
			25	21.92	0.16	22.08	<=30	Pass
			49	21.73	0.16	21.89	<=30	Pass
		25	0	20.77	0.16	20.93	<=30	Pass
			13	20.80	0.16	20.96	<=30	Pass
			25	20.72	0.16	20.88	<=30	Pass
	50	0	0	20.71	0.16	20.87	<=30	Pass

	1775	1	0	21.76	0.16	21.92	<=30	Pass		
			25	21.95	0.16	22.11	<=30	Pass		
			49	21.78	0.16	21.94	<=30	Pass		
		25	0	20.87	0.16	21.03	<=30	Pass		
			13	20.85	0.16	21.01	<=30	Pass		
			25	20.86	0.16	21.02	<=30	Pass		
		50	0	20.85	0.16	21.01	<=30	Pass		
		16QAM	1715	1	0	20.70	0.16	20.86	<=30	Pass
					25	20.90	0.16	21.06	<=30	Pass
49	20.73				0.16	20.89	<=30	Pass		
25	0			19.79	0.16	19.95	<=30	Pass		
	13			19.83	0.16	19.99	<=30	Pass		
	25			19.82	0.16	19.98	<=30	Pass		
50	0			19.76	0.16	19.92	<=30	Pass		
1745	1			0	20.80	0.16	20.96	<=30	Pass	
				25	21.04	0.16	21.20	<=30	Pass	
			49	20.85	0.16	21.01	<=30	Pass		
	25		0	19.76	0.16	19.92	<=30	Pass		
			13	19.77	0.16	19.93	<=30	Pass		
			25	19.69	0.16	19.85	<=30	Pass		
	50		0	19.70	0.16	19.86	<=30	Pass		
	1775		1	0	21.31	0.16	21.47	<=30	Pass	
				25	21.48	0.16	21.64	<=30	Pass	
49				21.32	0.16	21.48	<=30	Pass		
25			0	19.93	0.16	20.09	<=30	Pass		
			13	19.93	0.16	20.09	<=30	Pass		
			25	19.95	0.16	20.11	<=30	Pass		
50			0	19.91	0.16	20.07	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.57	0.16	21.73	<=30	Pass
			38	21.76	0.16	21.92	<=30	Pass
			74	21.56	0.16	21.72	<=30	Pass
		36	0	20.76	0.16	20.92	<=30	Pass
			18	20.77	0.16	20.93	<=30	Pass
			39	20.79	0.16	20.95	<=30	Pass
		75	0	20.75	0.16	20.91	<=30	Pass
	1745	1	0	21.64	0.16	21.80	<=30	Pass
			38	21.81	0.16	21.97	<=30	Pass
			74	21.65	0.16	21.81	<=30	Pass
		36	0	20.92	0.16	21.08	<=30	Pass
			18	20.91	0.16	21.07	<=30	Pass
			39	20.86	0.16	21.02	<=30	Pass
		75	0	20.92	0.16	21.08	<=30	Pass
	1772.5	1	0	21.67	0.16	21.83	<=30	Pass
			38	21.81	0.16	21.97	<=30	Pass
			74	21.73	0.16	21.89	<=30	Pass
		36	0	20.89	0.16	21.05	<=30	Pass
			18	20.91	0.16	21.07	<=30	Pass
			39	20.95	0.16	21.11	<=30	Pass
		75	0	20.89	0.16	21.05	<=30	Pass
16QAM	1717.5	1	0	20.94	0.16	21.10	<=30	Pass

			38	21.11	0.16	21.27	<=30	Pass
			74	21.00	0.16	21.16	<=30	Pass
		36	0	19.68	0.16	19.84	<=30	Pass
			18	19.73	0.16	19.89	<=30	Pass
			39	19.71	0.16	19.87	<=30	Pass
		75	0	19.71	0.16	19.87	<=30	Pass
		1745	1	0	20.78	0.16	20.94	<=30
	38			20.92	0.16	21.08	<=30	Pass
	74			20.79	0.16	20.95	<=30	Pass
	36		0	19.80	0.16	19.96	<=30	Pass
			18	19.82	0.16	19.98	<=30	Pass
			39	19.74	0.16	19.90	<=30	Pass
	75		0	19.83	0.16	19.99	<=30	Pass
	1772.5	1	0	21.15	0.16	21.31	<=30	Pass
			38	21.37	0.16	21.53	<=30	Pass
			74	21.26	0.16	21.42	<=30	Pass
		36	0	19.89	0.16	20.05	<=30	Pass
			18	19.93	0.16	20.09	<=30	Pass
			39	19.93	0.16	20.09	<=30	Pass
		75	0	19.88	0.16	20.04	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

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	21.38	0.16	21.54	<=30	Pass
			50	21.83	0.16	21.99	<=30	Pass
			99	21.44	0.16	21.60	<=30	Pass
		50	0	20.71	0.16	20.87	<=30	Pass
			25	20.75	0.16	20.91	<=30	Pass
			50	20.79	0.16	20.95	<=30	Pass
		100	0	20.73	0.16	20.89	<=30	Pass
	1745	1	0	21.45	0.16	21.61	<=30	Pass
			50	21.87	0.16	22.03	<=30	Pass
			99	21.50	0.16	21.66	<=30	Pass
		50	0	20.79	0.16	20.95	<=30	Pass
			25	20.75	0.16	20.91	<=30	Pass
			50	20.65	0.16	20.81	<=30	Pass
		100	0	20.73	0.16	20.89	<=30	Pass
	1770	1	0	21.48	0.16	21.64	<=30	Pass
			50	21.96	0.16	22.12	<=30	Pass
			99	21.50	0.16	21.66	<=30	Pass
		50	0	20.87	0.16	21.03	<=30	Pass
			25	20.82	0.16	20.98	<=30	Pass
			50	20.80	0.16	20.96	<=30	Pass
		100	0	20.83	0.16	20.99	<=30	Pass
16QAM	1720	1	0	21.00	0.16	21.16	<=30	Pass
			50	21.42	0.16	21.58	<=30	Pass
			99	21.03	0.16	21.19	<=30	Pass
		50	0	19.71	0.16	19.87	<=30	Pass
			25	19.72	0.16	19.88	<=30	Pass
			50	19.80	0.16	19.96	<=30	Pass
		100	0	19.74	0.16	19.90	<=30	Pass
	1745	1	0	20.62	0.16	20.78	<=30	Pass
			50	21.04	0.16	21.20	<=30	Pass

		50	99	20.60	0.16	20.76	<=30	Pass
			0	19.78	0.16	19.94	<=30	Pass
			25	19.73	0.16	19.89	<=30	Pass
			50	19.66	0.16	19.82	<=30	Pass
		100	0	19.72	0.16	19.88	<=30	Pass
	1770	1	0	20.74	0.16	20.90	<=30	Pass
			50	21.23	0.16	21.39	<=30	Pass
			99	20.81	0.16	20.97	<=30	Pass
		50	0	19.90	0.16	20.06	<=30	Pass
			25	19.86	0.16	20.02	<=30	Pass
			50	19.87	0.16	20.03	<=30	Pass
		100	0	19.91	0.16	20.07	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

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	6.123	0.0036	-2.5 to 2.5	Pass
					3.85	8.955	0.0052	-2.5 to 2.5	Pass
					4.43	8.512	0.0050	-2.5 to 2.5	Pass
				-30	3.85	5.808	0.0034	-2.5 to 2.5	Pass
				-20	3.85	7.553	0.0044	-2.5 to 2.5	Pass
				-10	3.85	4.520	0.0026	-2.5 to 2.5	Pass
				0	3.85	-19.026	-0.0111	-2.5 to 2.5	Pass
				10	3.85	5.994	0.0035	-2.5 to 2.5	Pass
				30	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				40	3.85	2.861	0.0017	-2.5 to 2.5	Pass
				50	3.85	3.705	0.0022	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-12.531	-0.0072	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
					4.43	-7.710	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-14.076	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				30	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.229	0.0001	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-13.733	-0.0077	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0034	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-6.795	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.407	-0.0030	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	0.744	0.0004	-2.5 to 2.5	Pass
					3.85	3.934	0.0023	-2.5 to 2.5	Pass
					4.43	-1.802	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-27.652	-0.0162	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0045	-2.5 to 2.5	Pass
				0	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
	1745	6	0	20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-8.969	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
					4.43	-4.177	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.644	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				10	3.85	2.832	0.0016	-2.5 to 2.5	Pass
				30	3.85	-10.772	-0.0061	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

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	-13.161	-0.0077	-2.5 to 2.5	Pass
					3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
					4.43	-8.268	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.704	-0.0016	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
	1745	15	0	20	3.85	0.873	0.0005	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
					3.27	-9.313	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-10.757	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-11.902	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-10.157	-0.0058	-2.5 to 2.5	Pass

				10	3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-8.268	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-17.009	-0.0096	-2.5 to 2.5	Pass
					3.85	-4.435	-0.0025	-2.5 to 2.5	Pass
					4.43	-11.086	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.951	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.334	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-9.427	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-6.738	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	2.203	0.0013	-2.5 to 2.5	Pass
					3.85	3.619	0.0021	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				30	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	3.948	0.0023	-2.5 to 2.5	Pass
					3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
					4.43	5.207	0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-8.841	-0.0051	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-5.693	-0.0032	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0032	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-8.540	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

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	-8.154	-0.0048	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0043	-2.5 to 2.5	Pass
					4.43	-9.384	-0.0055	-2.5 to 2.5	Pass

				-30	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.172	0.0001	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-9.184	-0.0053	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-7.238	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-11.187	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-8.612	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-10.915	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-12.288	-0.0069	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
					4.43	-6.409	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.064	-0.0028	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-3.533	-0.0021	-2.5 to 2.5	Pass
					3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
					4.43	-8.068	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-10.829	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-8.211	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	0.172	0.0001	-2.5 to 2.5	Pass
					3.85	-9.527	-0.0055	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-9.856	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-6.666	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
					4.43	-4.849	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass

				10	3.85	-6.866	-0.0039	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-5.937	-0.0033	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

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	-5.422	-0.0032	-2.5 to 2.5	Pass
					3.85	-10.757	-0.0063	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-6.094	-0.0035	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.339	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-2.918	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
					4.43	-1.531	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-6.838	-0.0040	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-6.795	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-7.067	-0.0040	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
					4.43	-8.740	-0.0050	-2.5 to 2.5	Pass

				-30	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-8.354	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

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	-7.410	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
					4.43	-10.486	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-8.454	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.048	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-8.326	-0.0048	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.632	-0.0015	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
					4.43	-7.510	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-8.469	-0.0048	-2.5 to 2.5	Pass
					3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				20	3.27	-3.576	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0031	-2.5 to 2.5	Pass
					4.43	-6.895	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-8.726	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-6.666	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-10.157	-0.0059	-2.5 to 2.5	Pass
	1745	75	0	40	3.85	-8.354	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				20	3.27	-5.307	-0.0030	-2.5 to 2.5	Pass
					3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
					4.43	-8.411	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
	1772.5	75	0	30	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-7.324	-0.0042	-2.5 to 2.5	Pass
				20	3.27	-2.947	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.721	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-7.424	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
					4.43	-6.638	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-8.483	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-8.240	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-6.108	-0.0036	-2.5 to 2.5	Pass
	1745	100	0	50	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
				20	3.27	-3.233	-0.0019	-2.5 to 2.5	Pass
					3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
					4.43	-0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass

				0	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-7.410	-0.0042	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
					4.43	-4.764	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-7.610	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-5.665	-0.0033	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
					4.43	-7.482	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-9.899	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-7.524	-0.0044	-2.5 to 2.5	Pass
	1745	100	0	50	3.85	-5.965	-0.0035	-2.5 to 2.5	Pass
				20	3.27	-6.409	-0.0037	-2.5 to 2.5	Pass
					3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.389	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-1.845	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
					4.43	-10.643	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-6.223	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

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 B66_3MHz

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

3.1.3 B66_5MHz

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

3.1.4 B66_10MHz

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

3.1.5 B66_15MHz

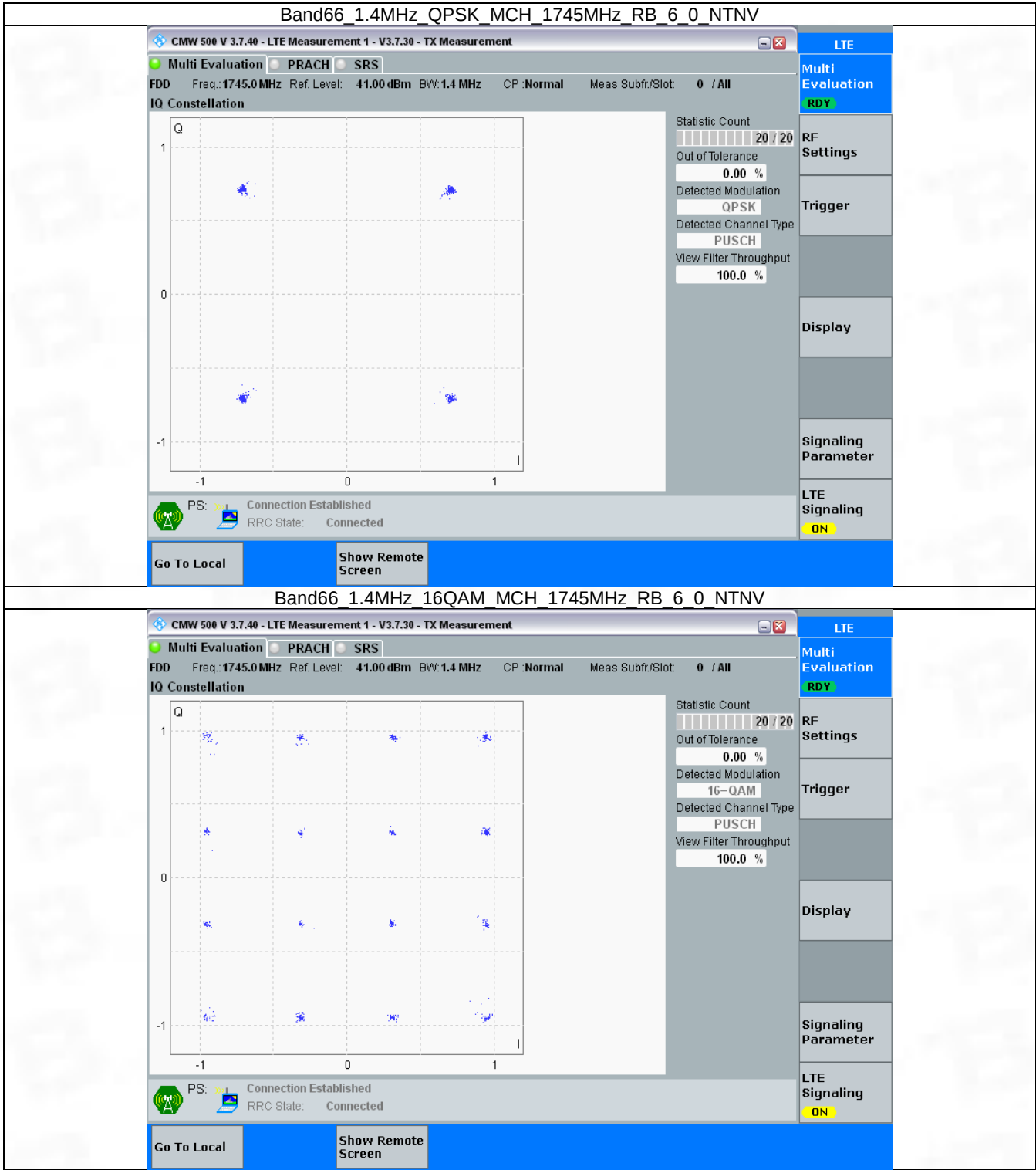
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

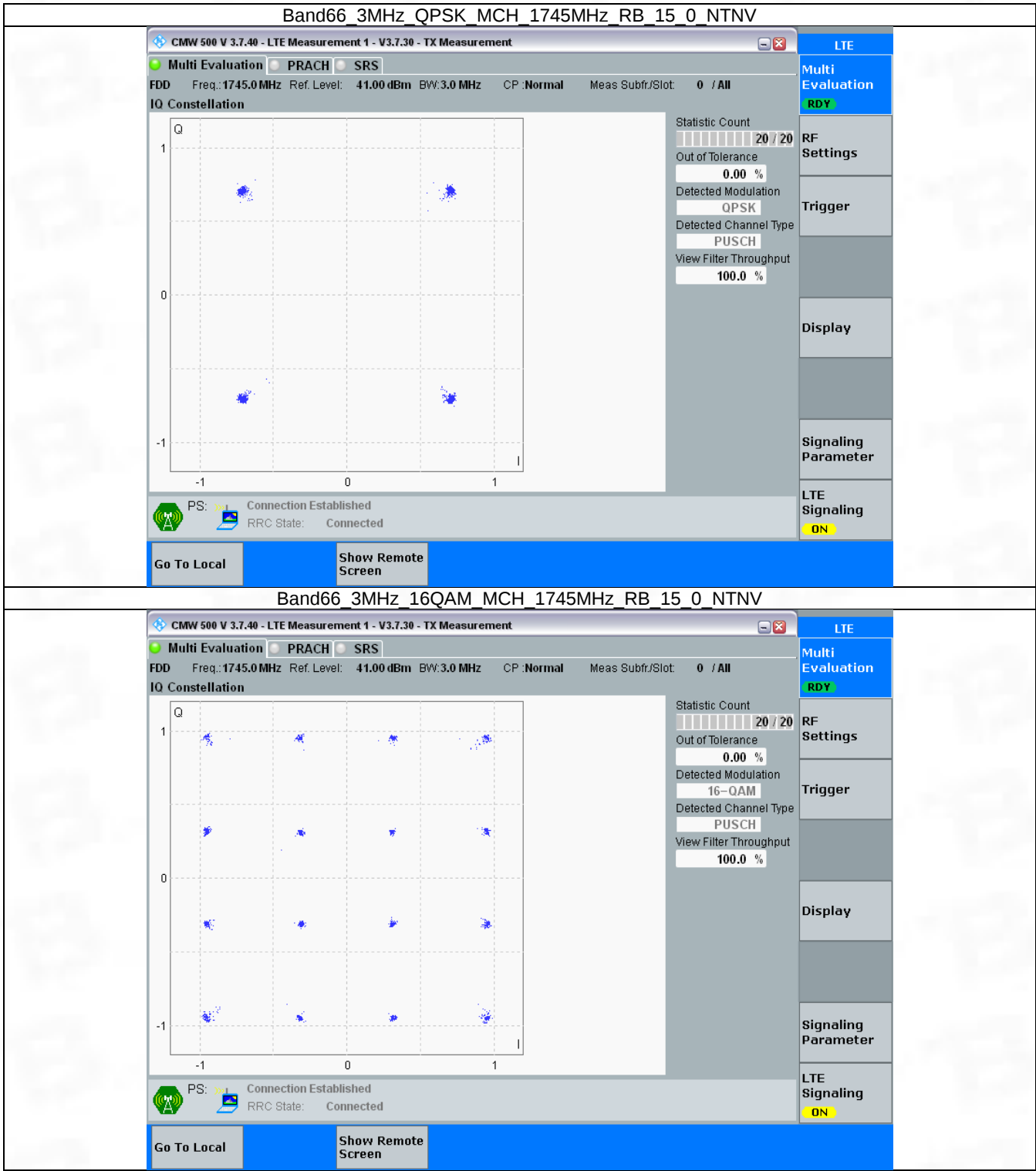
Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

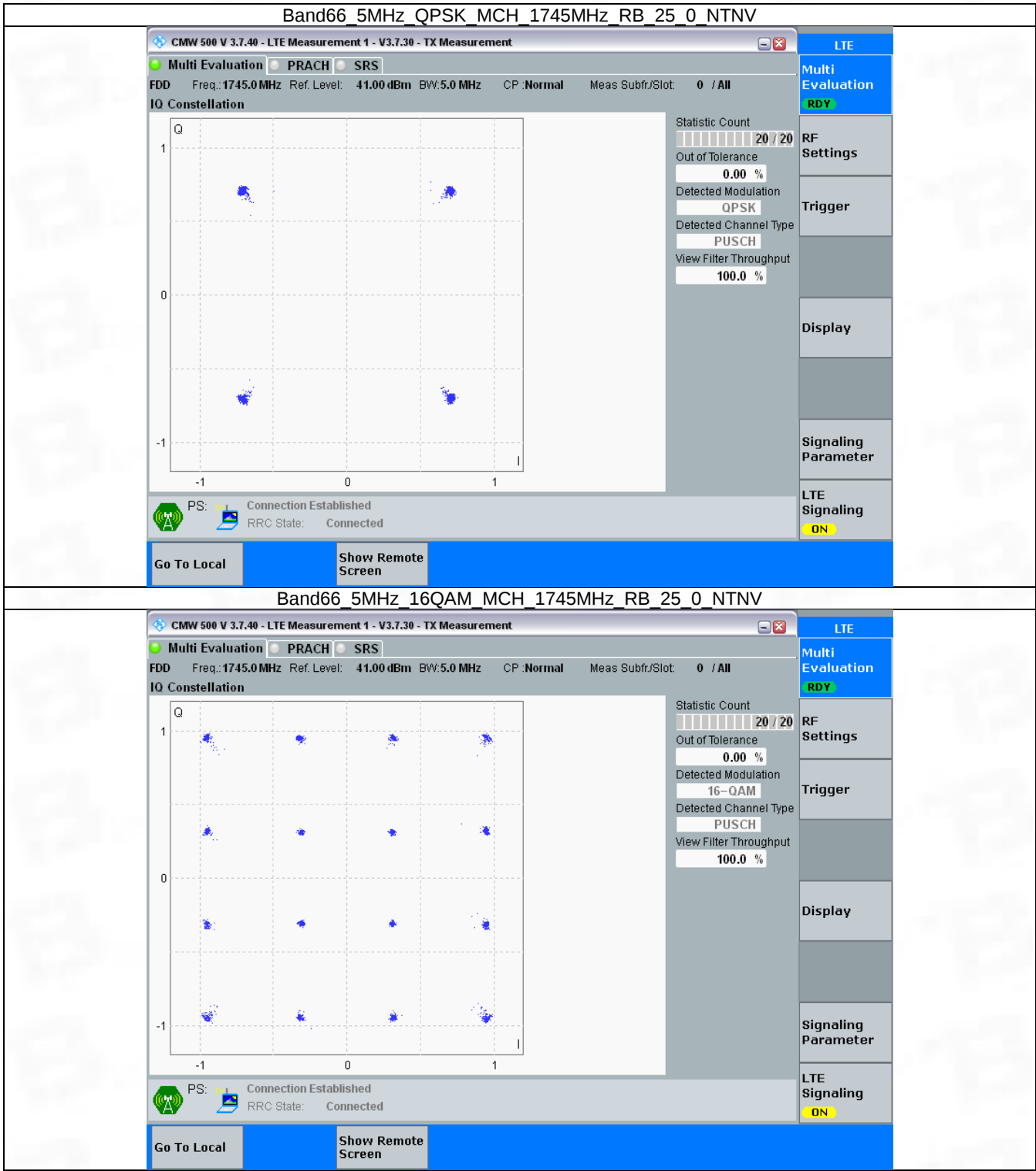
3.2.1 B66_1.4MHz



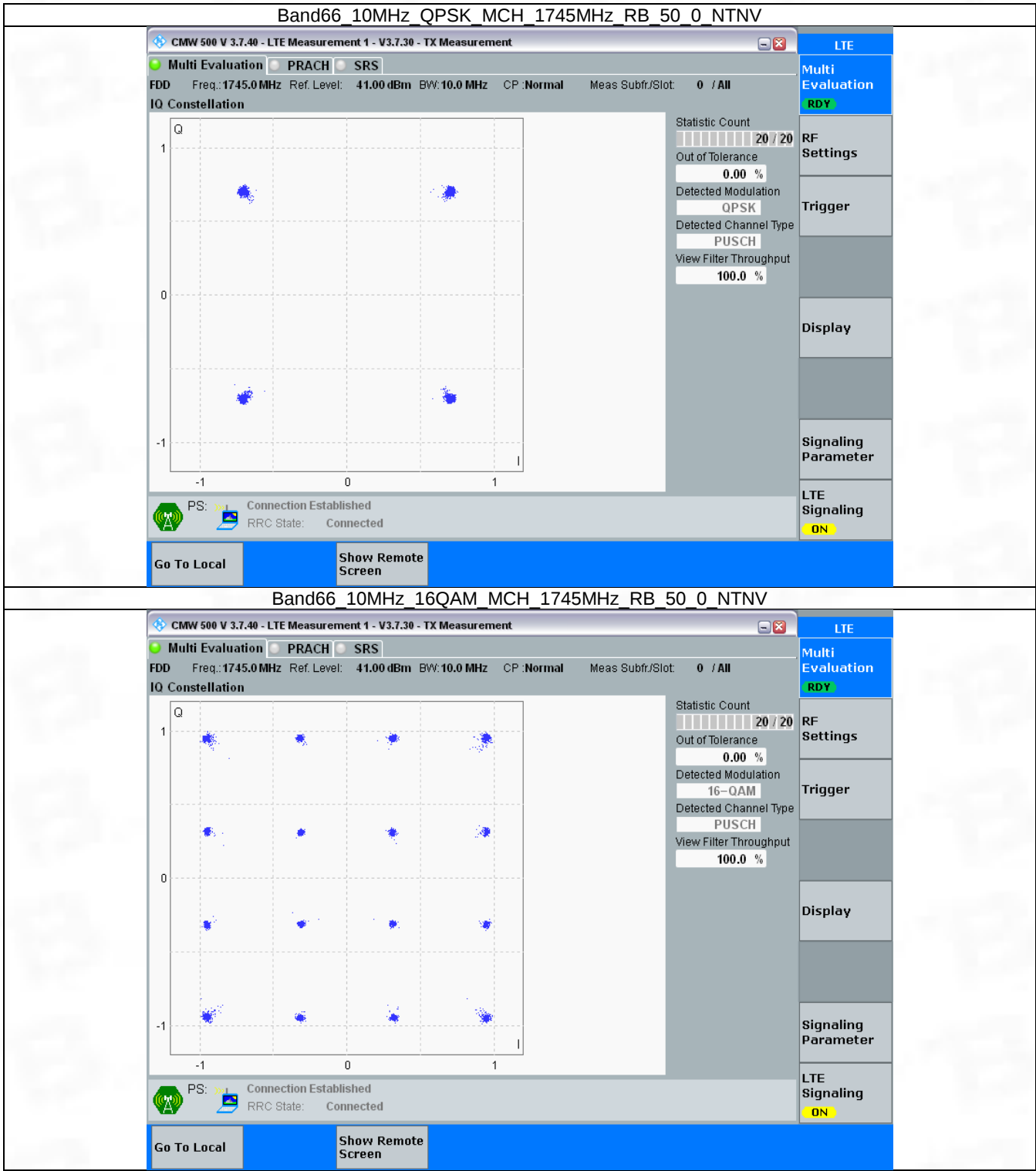
3.2.2 B66_3MHz



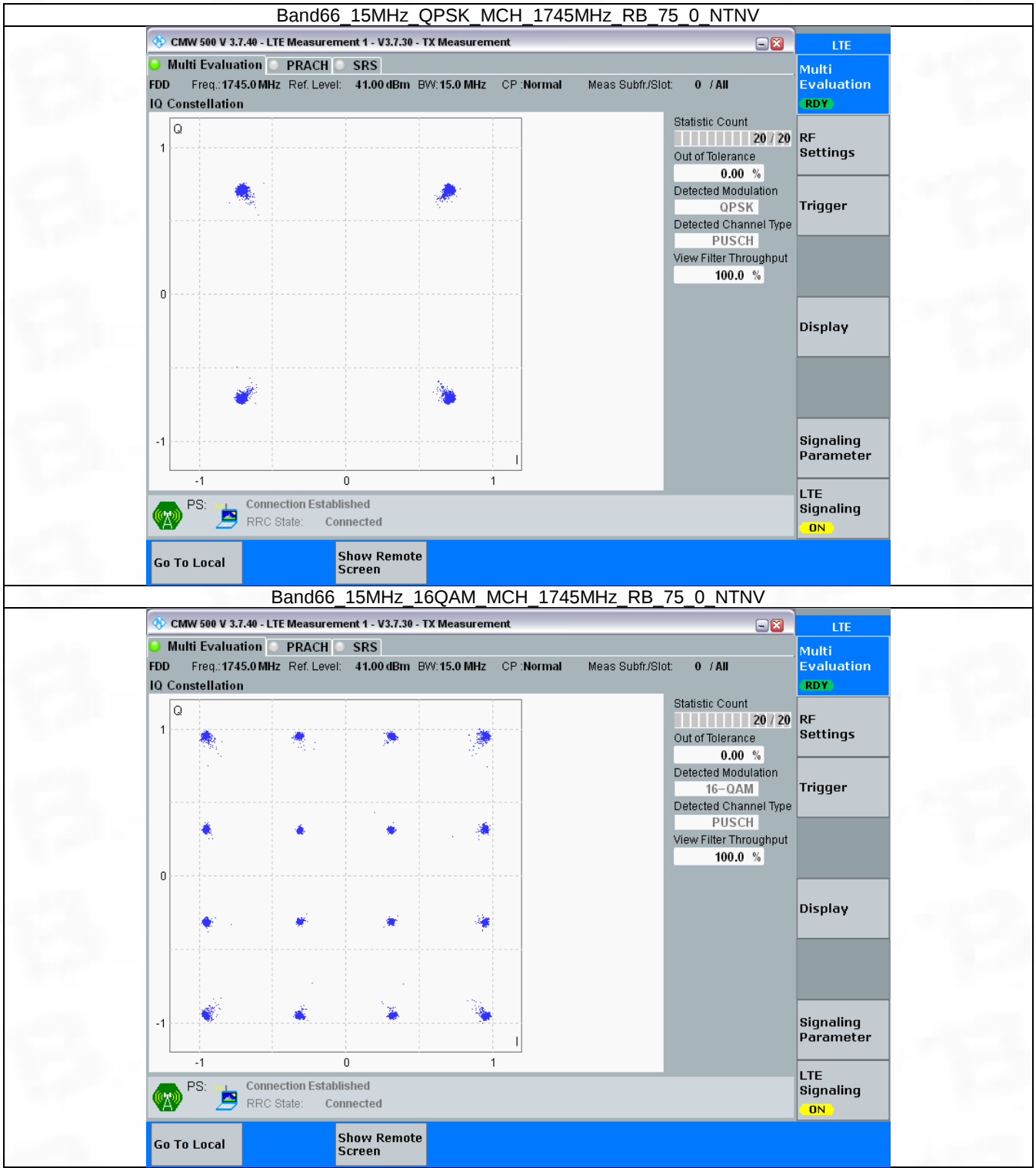
3.2.3 B66_5MHz



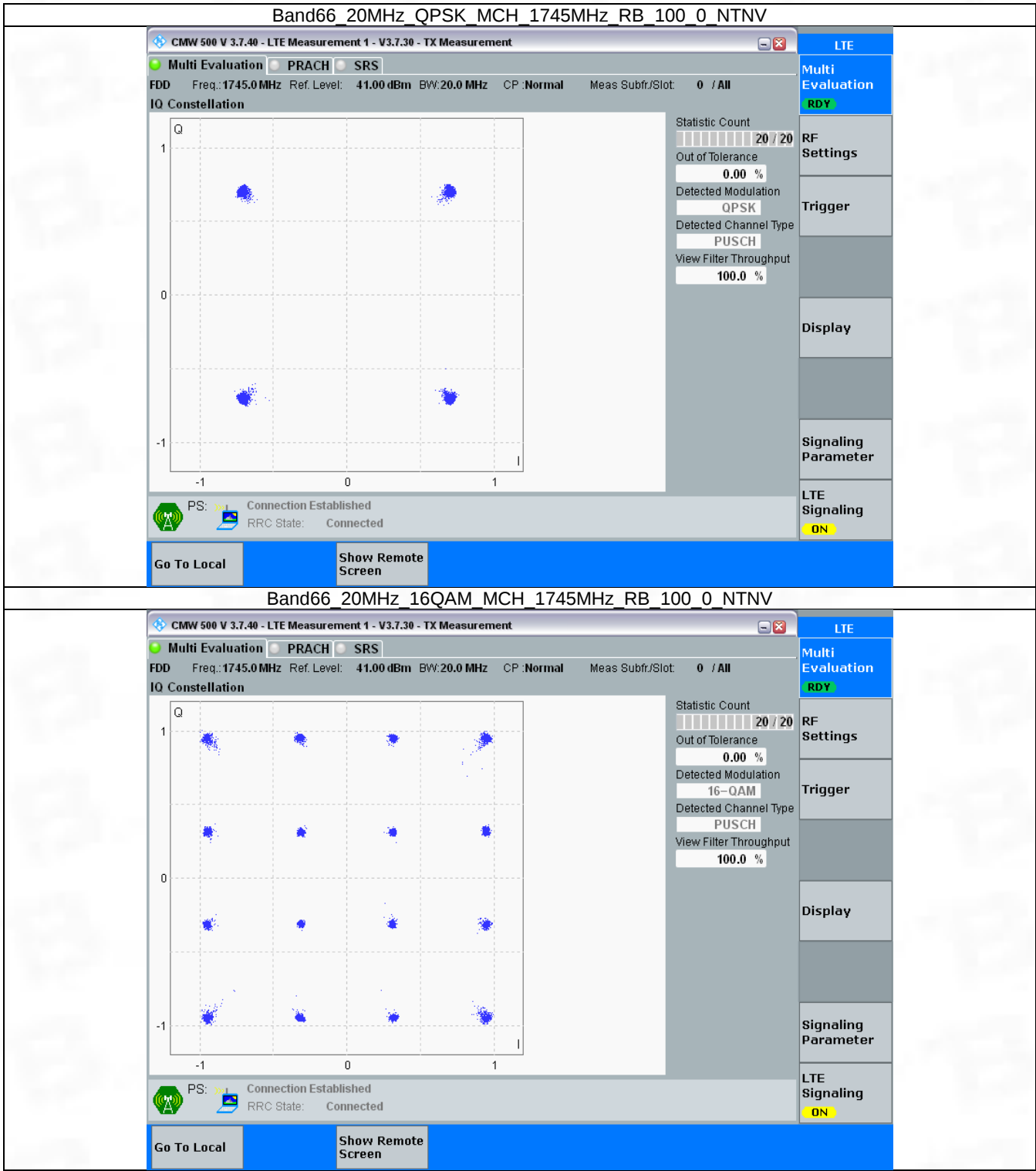
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.121	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.107	/	Pass
	16QAM	1710.7	6	0	1.107	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.117	/	Pass
3	QPSK	1711.5	15	0	2.720	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.724	/	Pass
	16QAM	1711.5	15	0	2.727	/	Pass
		1745	15	0	2.725	/	Pass
		1778.5	15	0	2.717	/	Pass
5	QPSK	1712.5	25	0	4.562	/	Pass
		1745	25	0	4.569	/	Pass
		1777.5	25	0	4.571	/	Pass
	16QAM	1712.5	25	0	4.579	/	Pass
		1745	25	0	4.588	/	Pass
		1777.5	25	0	4.561	/	Pass
10	QPSK	1715	50	0	9.097	/	Pass
		1745	50	0	9.061	/	Pass
		1775	50	0	9.100	/	Pass
	16QAM	1715	50	0	9.104	/	Pass
		1745	50	0	9.085	/	Pass
		1775	50	0	9.086	/	Pass
15	QPSK	1717.5	75	0	13.630	/	Pass
		1745	75	0	13.600	/	Pass
		1772.5	75	0	13.630	/	Pass
	16QAM	1717.5	75	0	13.638	/	Pass
		1745	75	0	13.634	/	Pass
		1772.5	75	0	13.660	/	Pass
20	QPSK	1720	100	0	18.140	/	Pass
		1745	100	0	18.110	/	Pass
		1770	100	0	18.154	/	Pass
	16QAM	1720	100	0	18.179	/	Pass
		1745	100	0	18.163	/	Pass
		1770	100	0	18.242	/	Pass

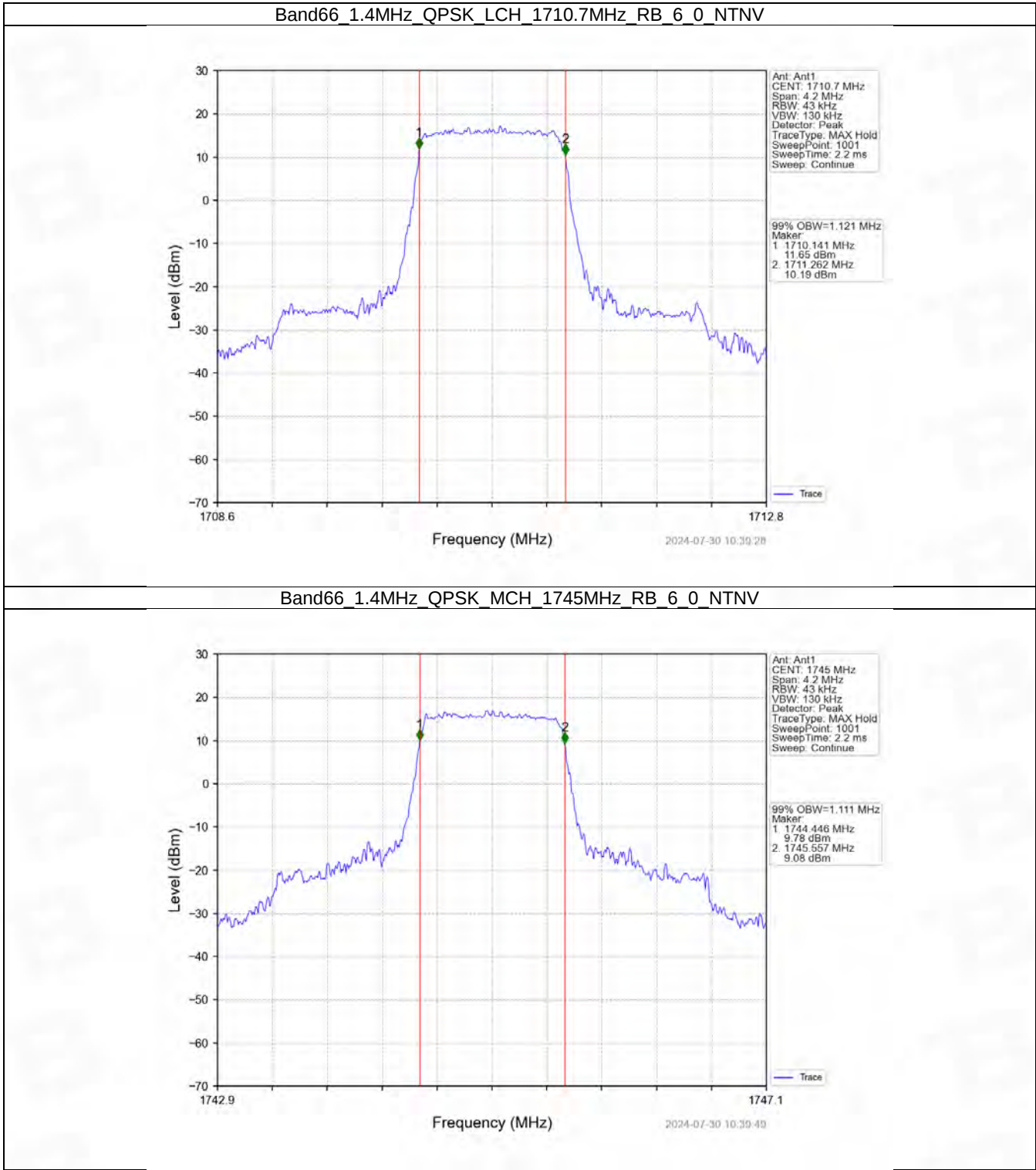
4.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.315	/	Pass
		1745	6	0	1.308	/	Pass
		1779.3	6	0	1.319	/	Pass

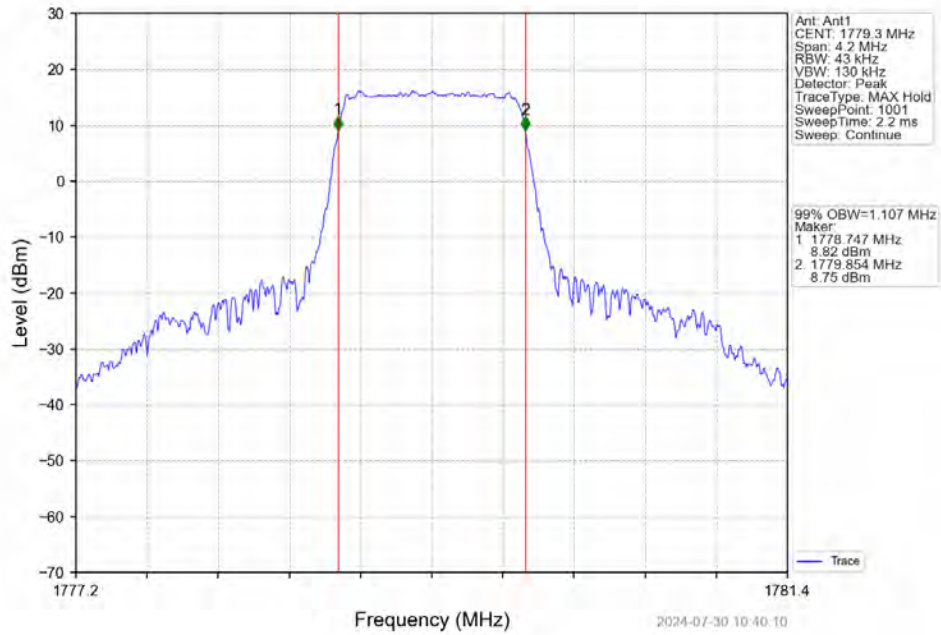
	16QAM	1710.7	6	0	1.324	/	Pass
		1745	6	0	1.298	/	Pass
		1779.3	6	0	1.327	/	Pass
3	QPSK	1711.5	15	0	2.996	/	Pass
		1745	15	0	3.012	/	Pass
		1778.5	15	0	2.992	/	Pass
	16QAM	1711.5	15	0	2.994	/	Pass
		1745	15	0	3.001	/	Pass
		1778.5	15	0	2.993	/	Pass
5	QPSK	1712.5	25	0	5.254	/	Pass
		1745	25	0	5.254	/	Pass
		1777.5	25	0	5.290	/	Pass
	16QAM	1712.5	25	0	5.256	/	Pass
		1745	25	0	5.171	/	Pass
		1777.5	25	0	5.182	/	Pass
10	QPSK	1715	50	0	10.262	/	Pass
		1745	50	0	10.218	/	Pass
		1775	50	0	10.439	/	Pass
	16QAM	1715	50	0	10.310	/	Pass
		1745	50	0	10.158	/	Pass
		1775	50	0	10.169	/	Pass
15	QPSK	1717.5	75	0	15.451	/	Pass
		1745	75	0	15.297	/	Pass
		1772.5	75	0	15.478	/	Pass
	16QAM	1717.5	75	0	15.418	/	Pass
		1745	75	0	15.342	/	Pass
		1772.5	75	0	15.404	/	Pass
20	QPSK	1720	100	0	20.277	/	Pass
		1745	100	0	20.008	/	Pass
		1770	100	0	20.037	/	Pass
	16QAM	1720	100	0	20.187	/	Pass
		1745	100	0	20.004	/	Pass
		1770	100	0	20.188	/	Pass

4.2 Test Graph

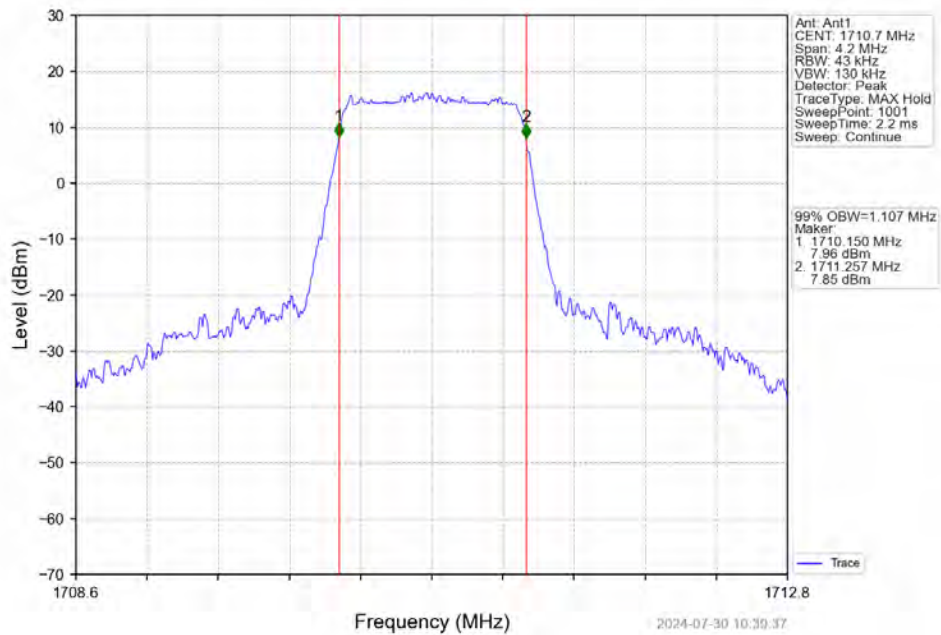
4.2.1 Band66_OBW



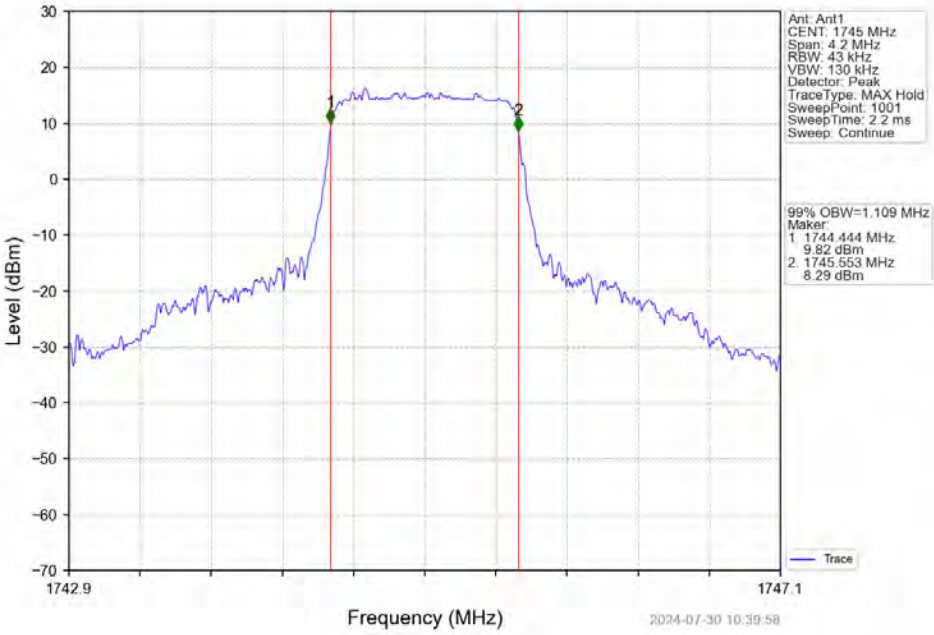
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



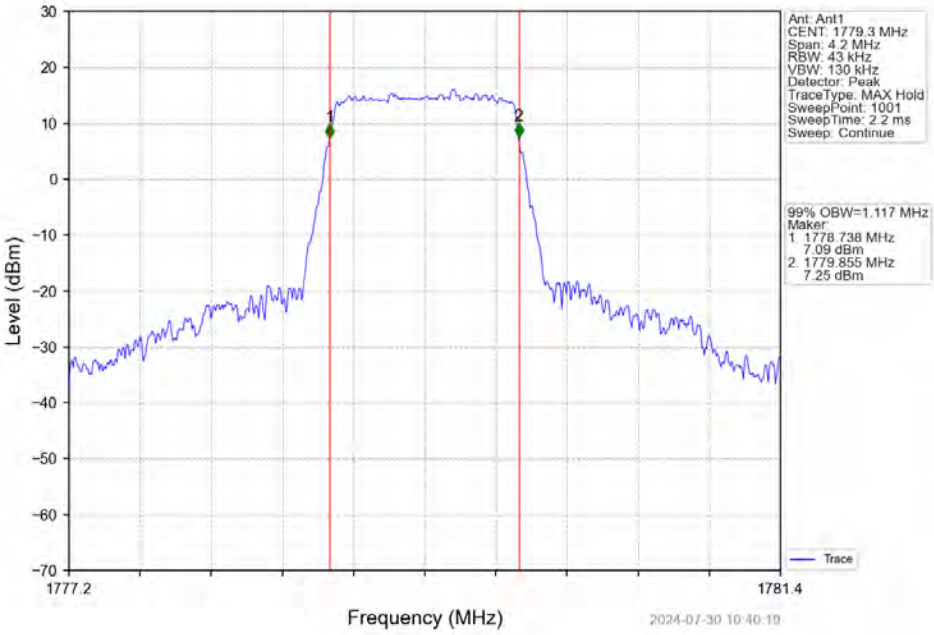
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



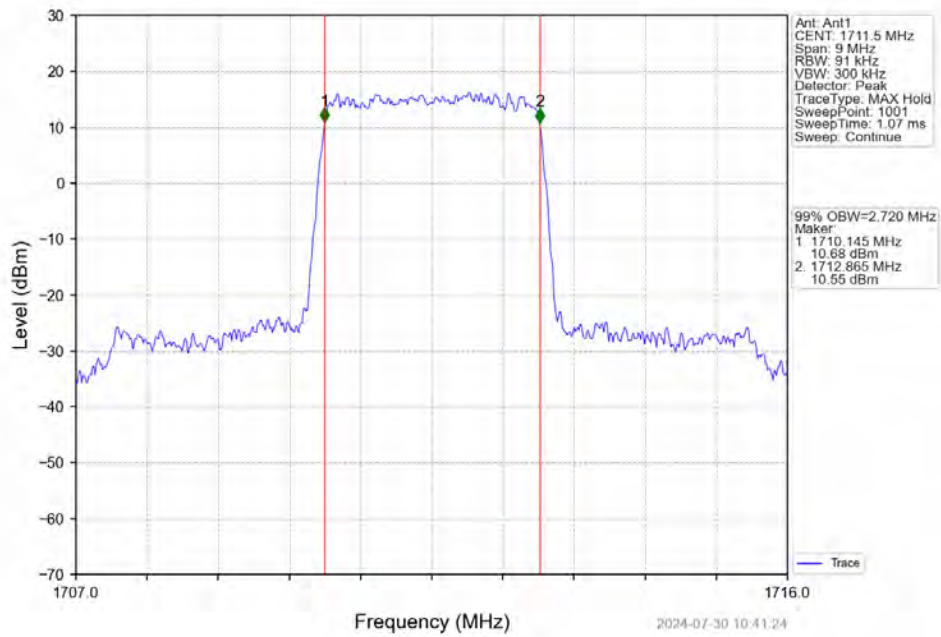
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



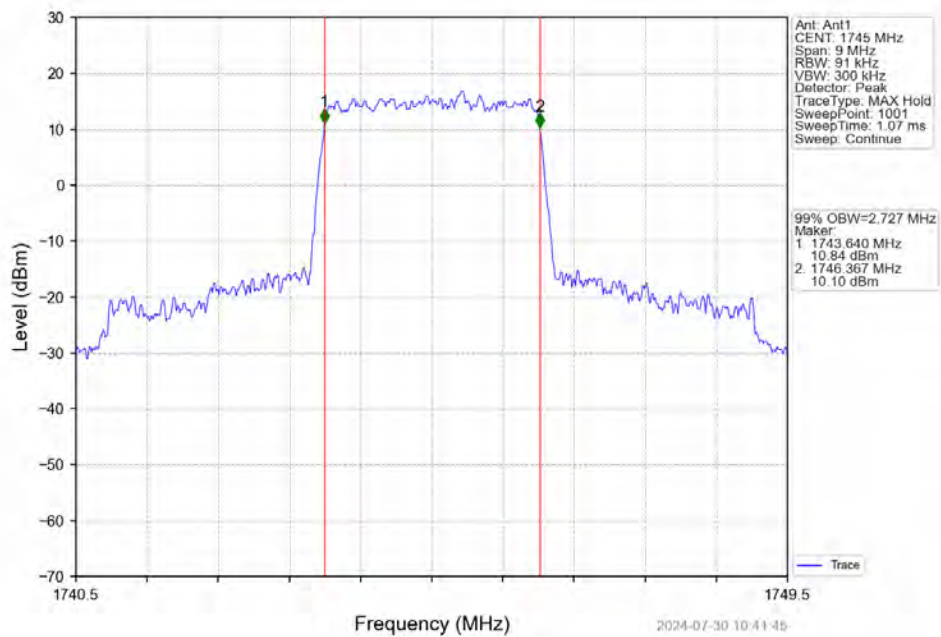
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



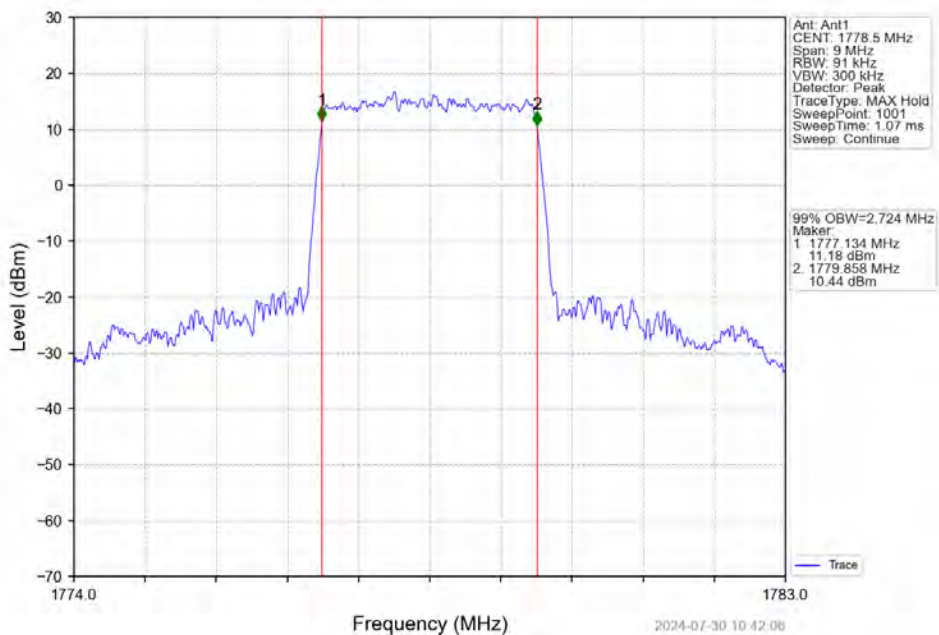
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



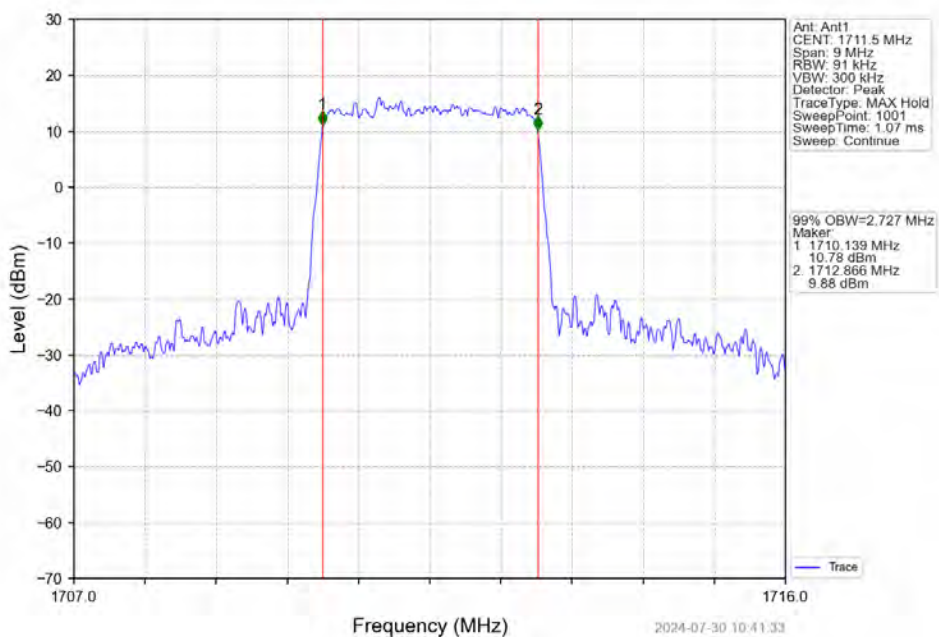
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



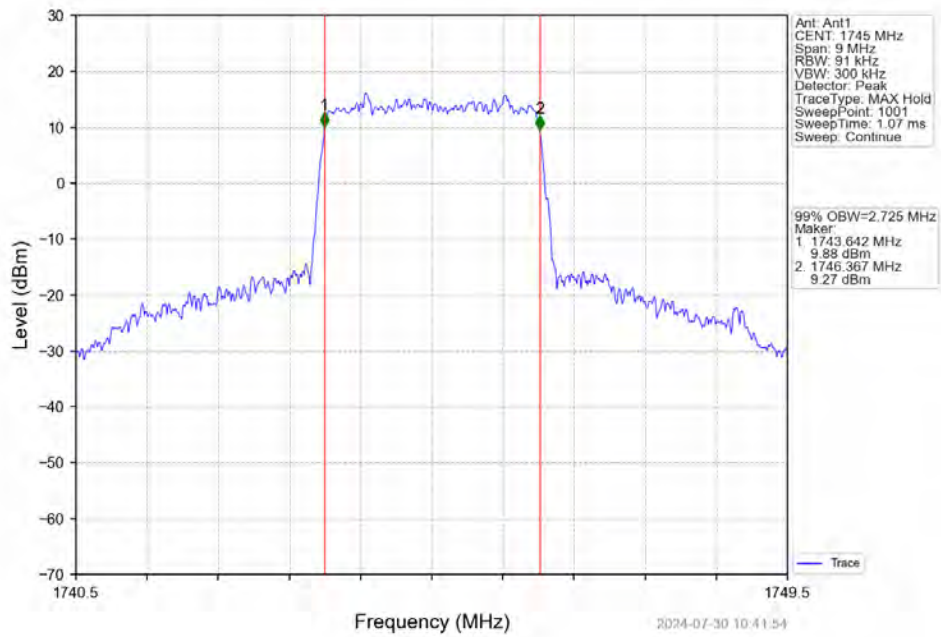
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



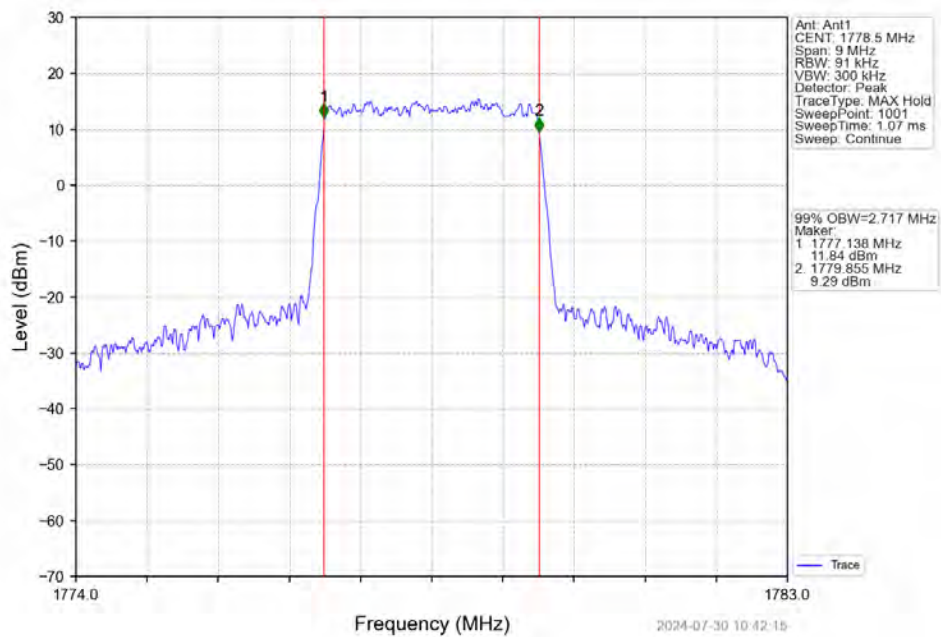
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



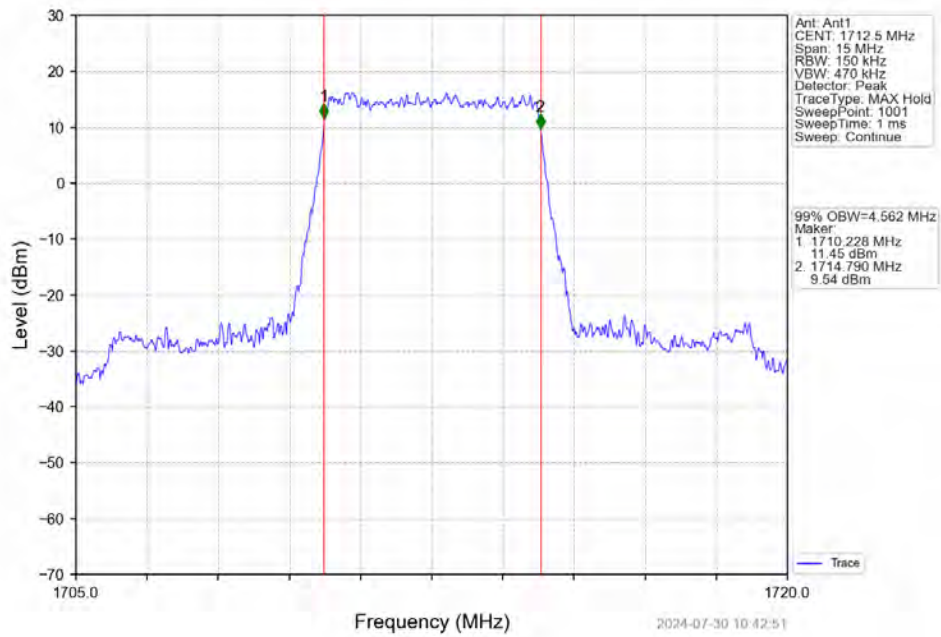
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



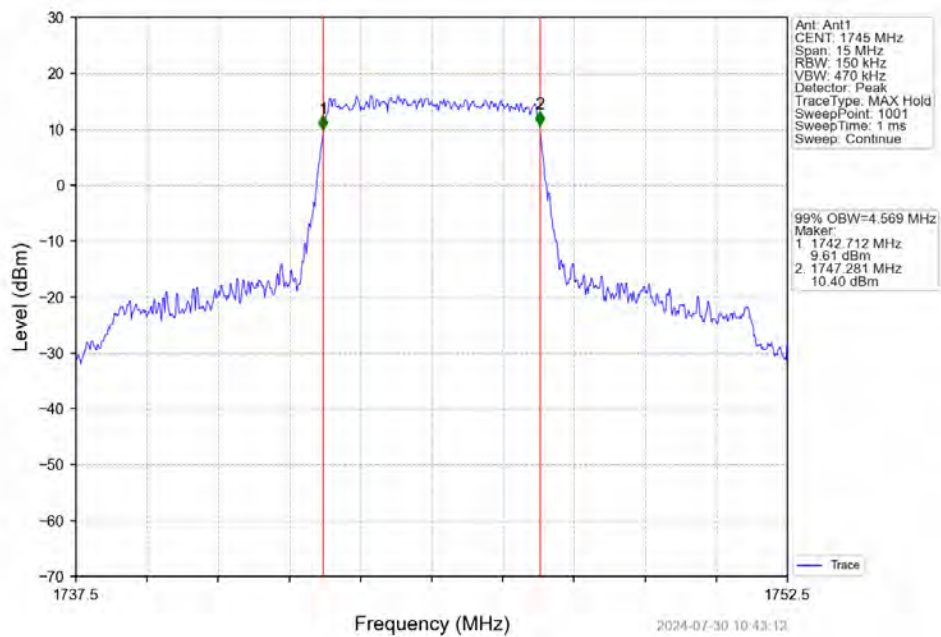
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



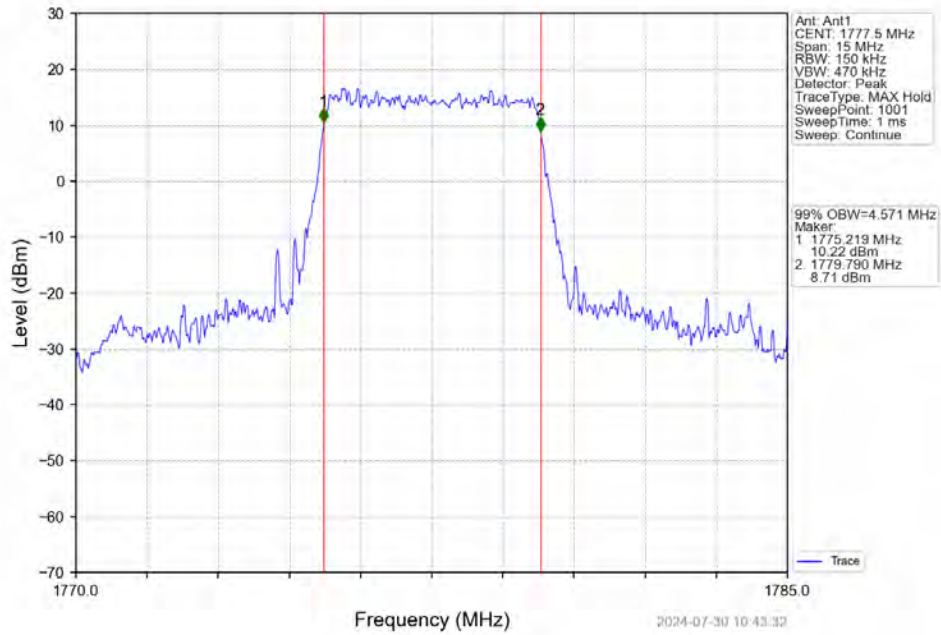
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



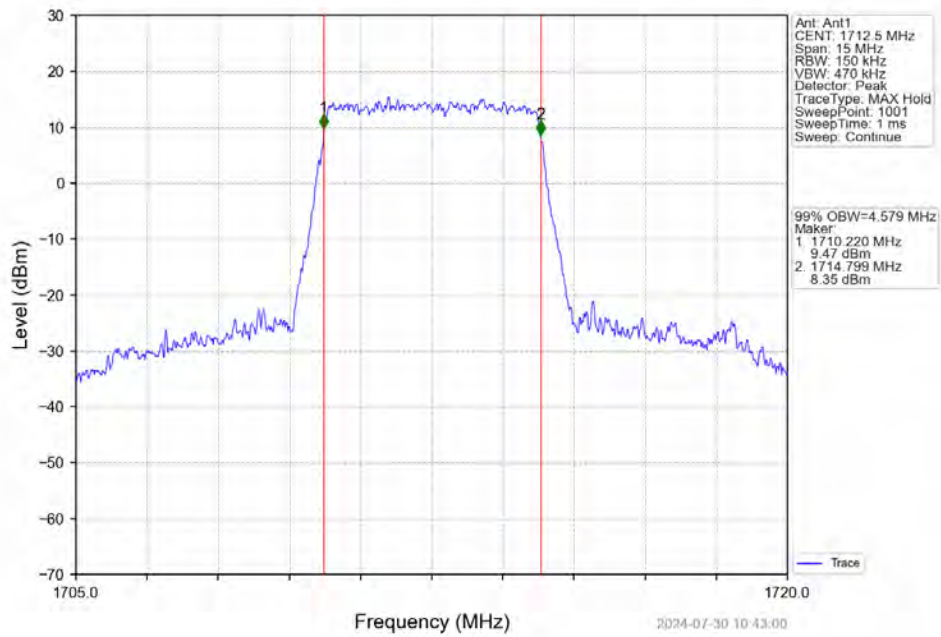
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



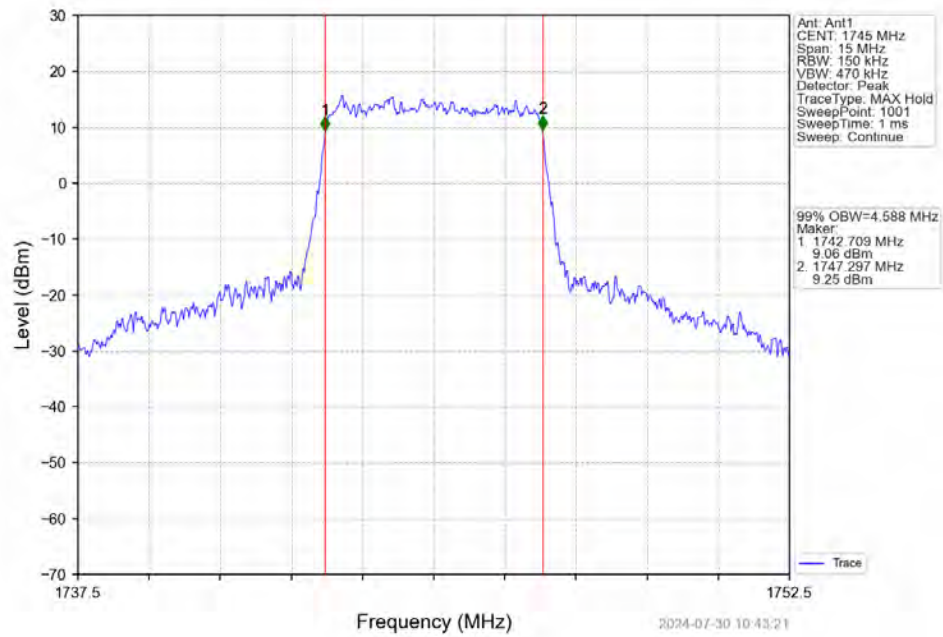
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



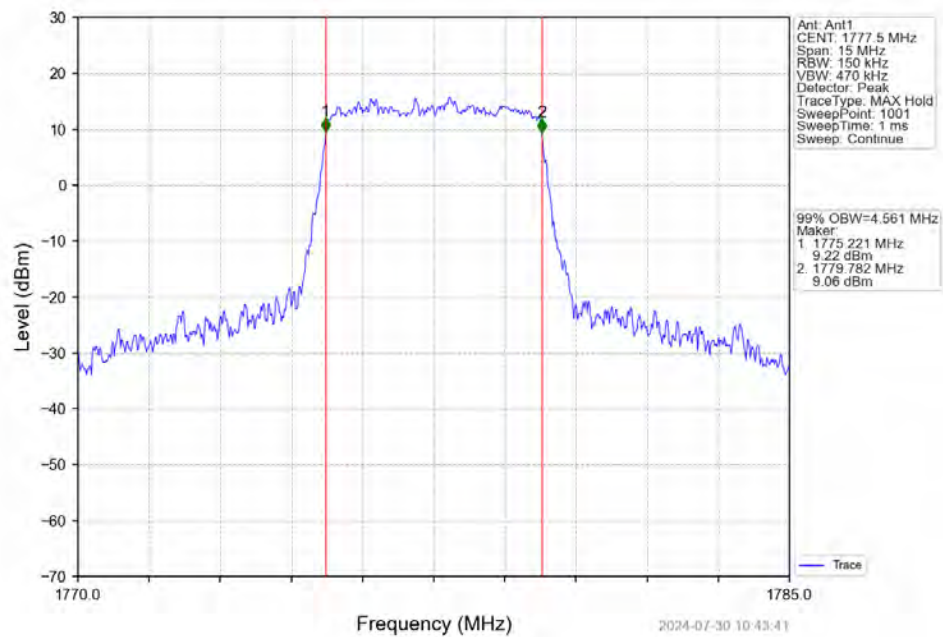
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



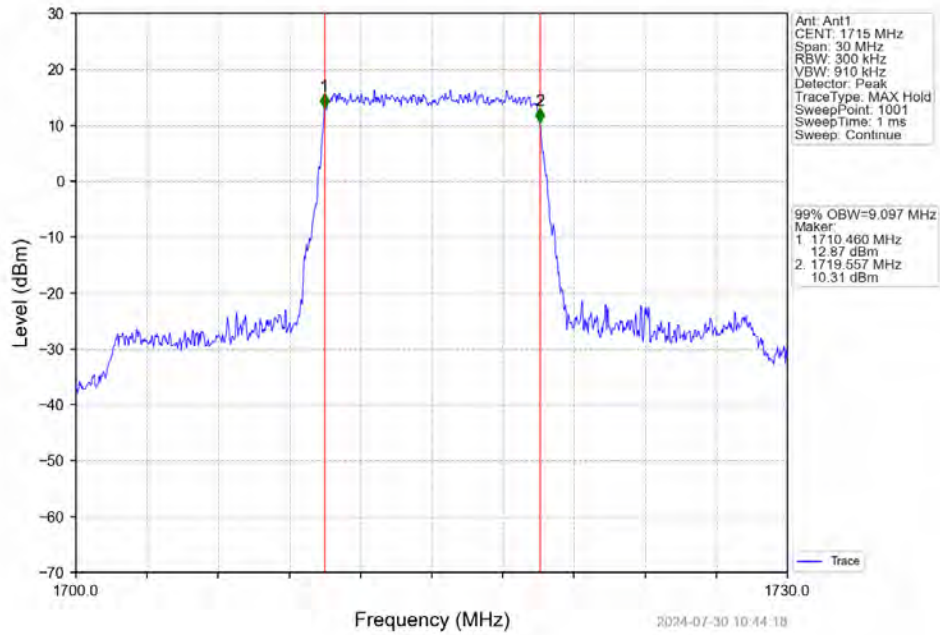
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



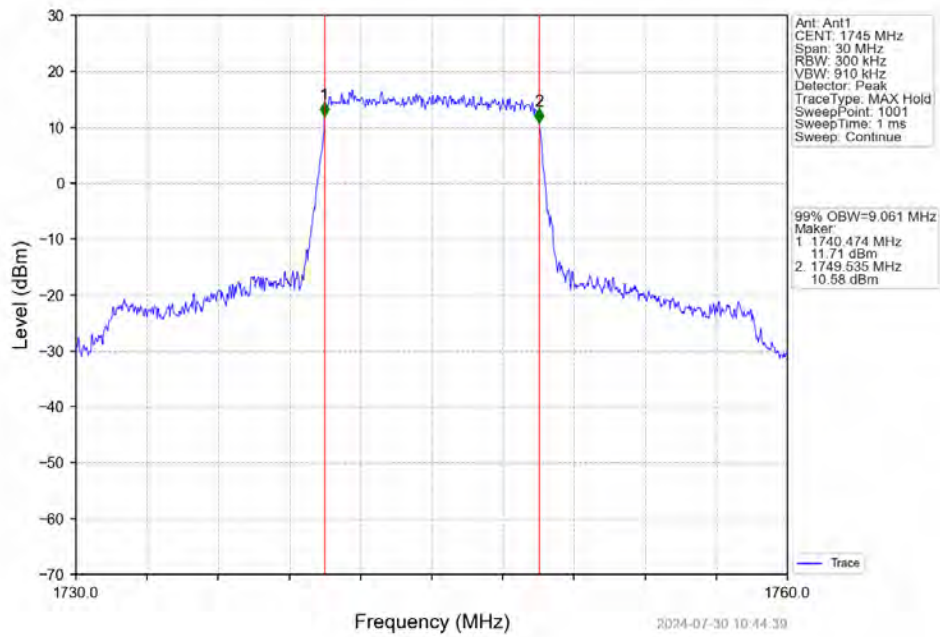
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



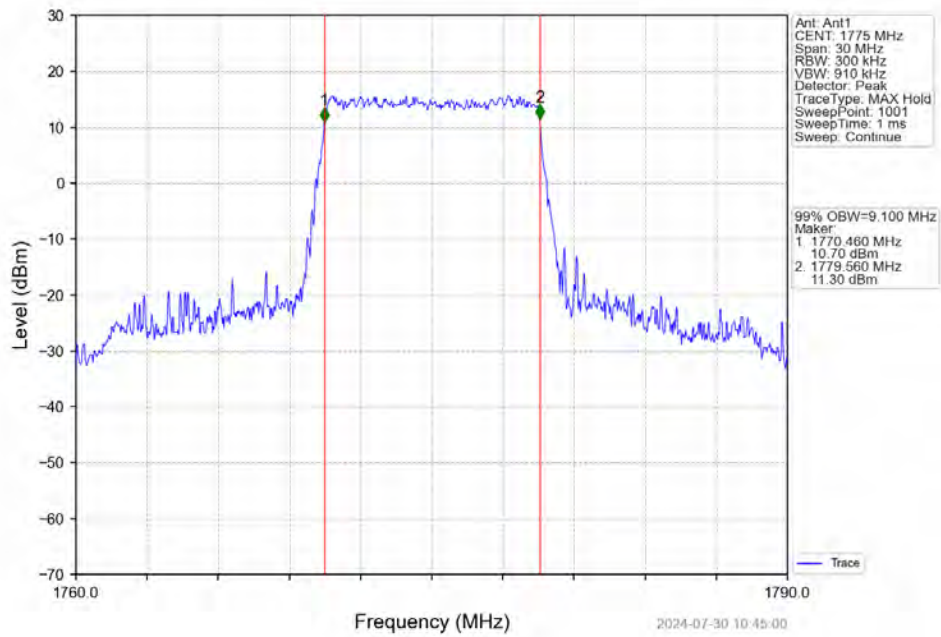
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



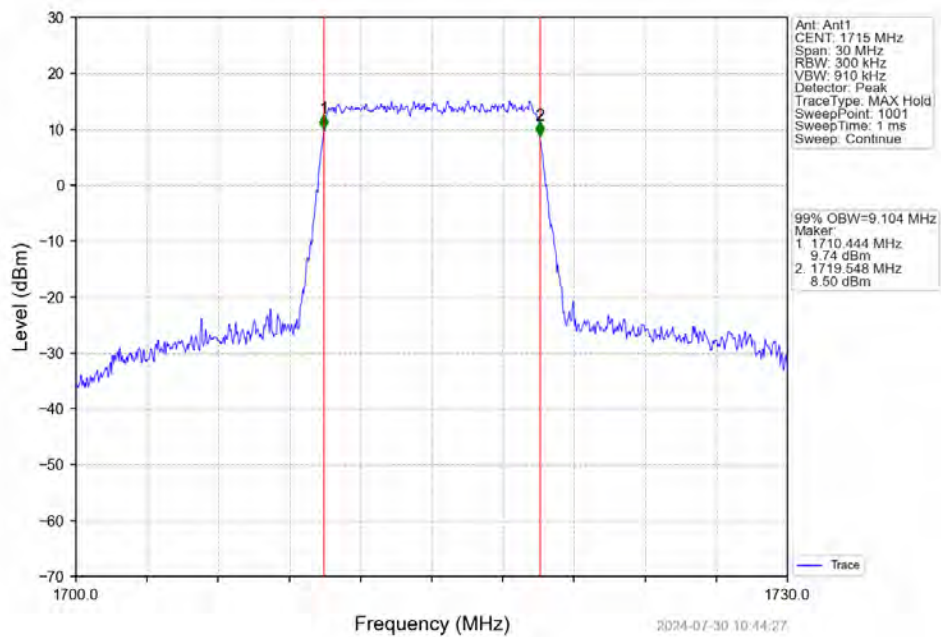
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



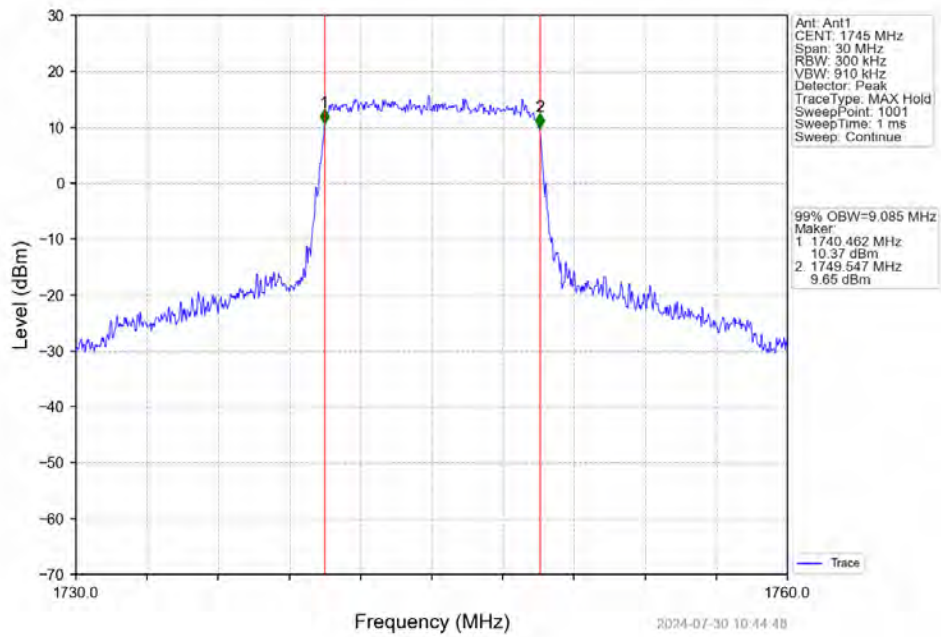
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



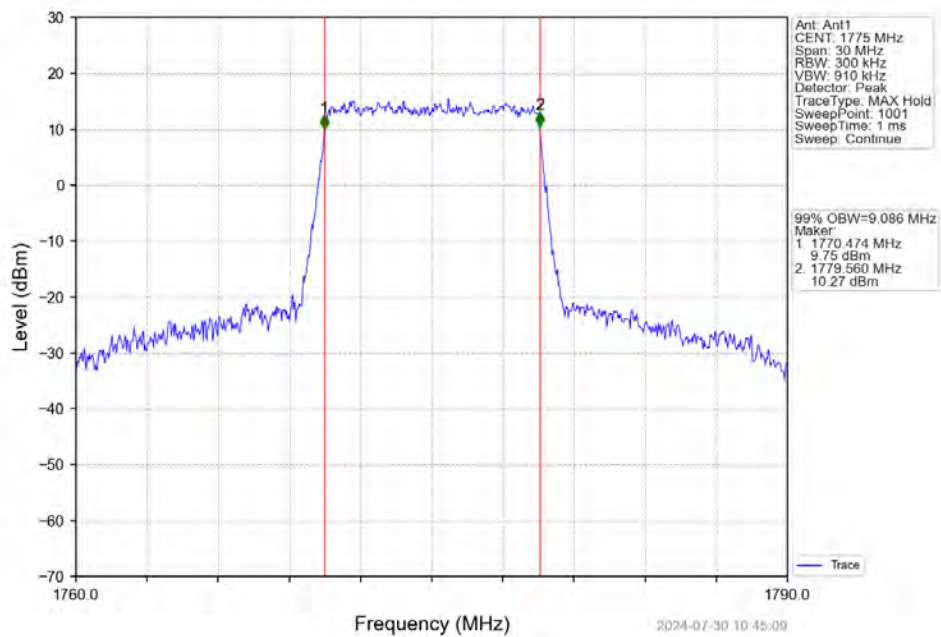
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



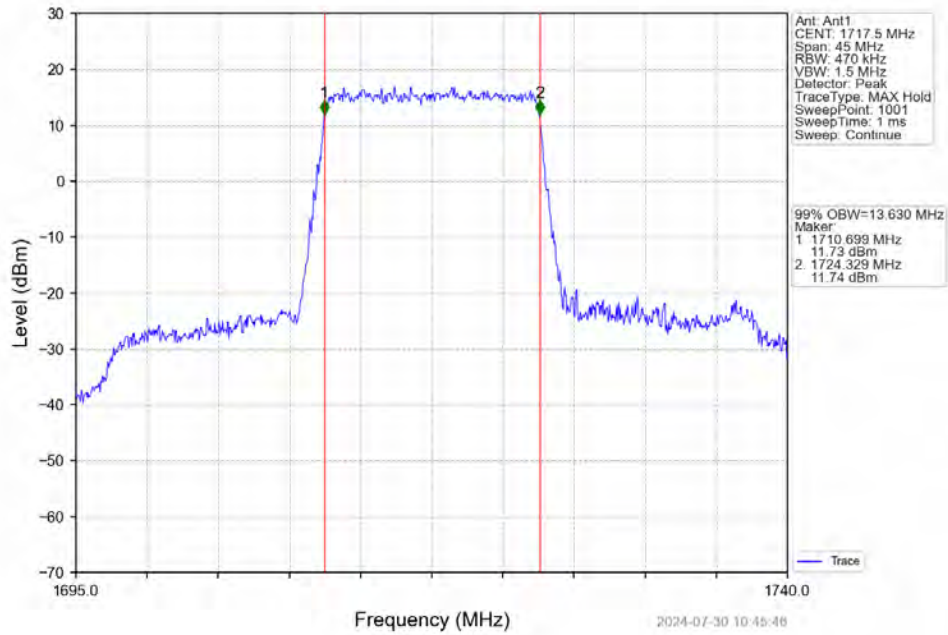
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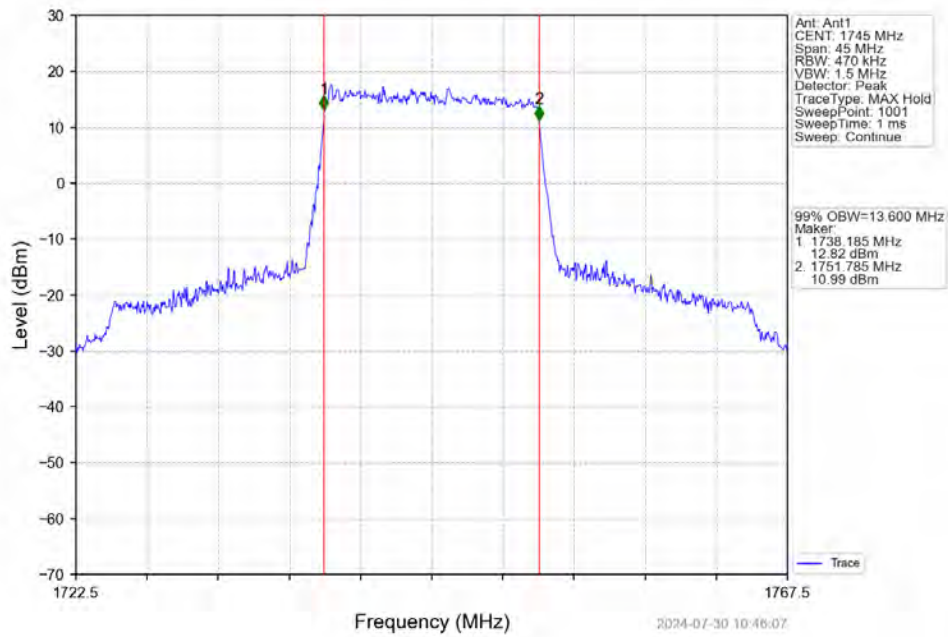
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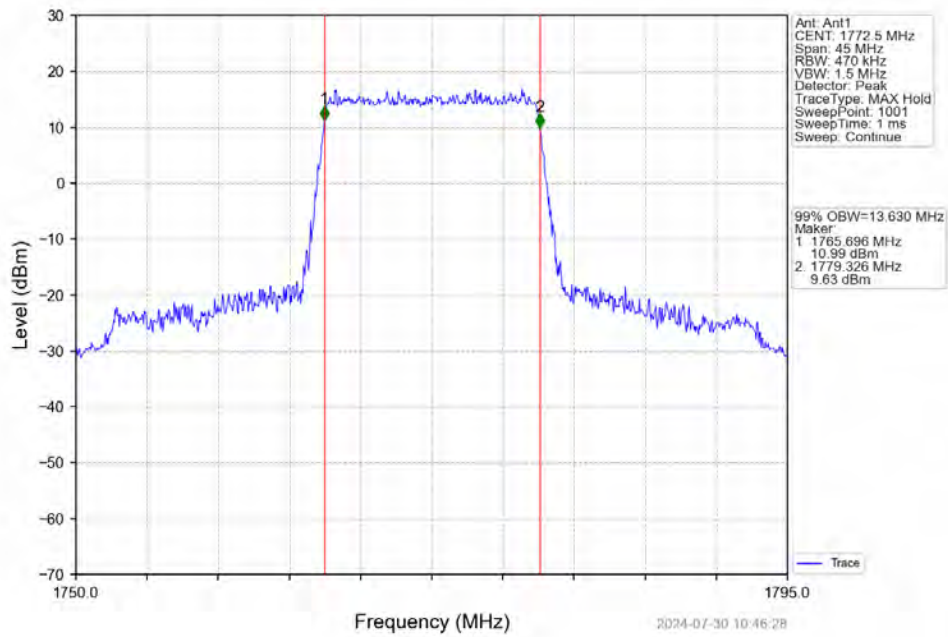
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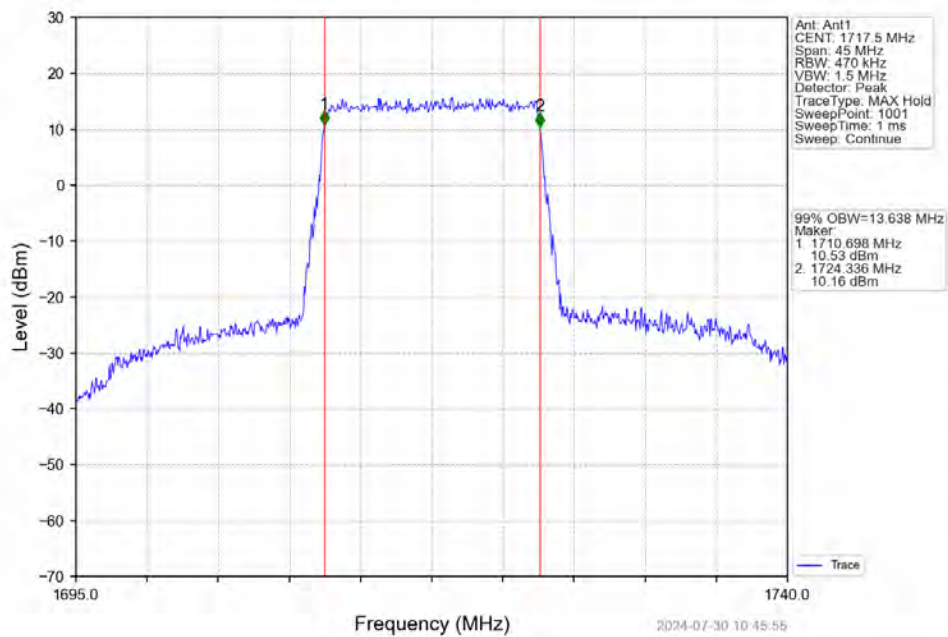
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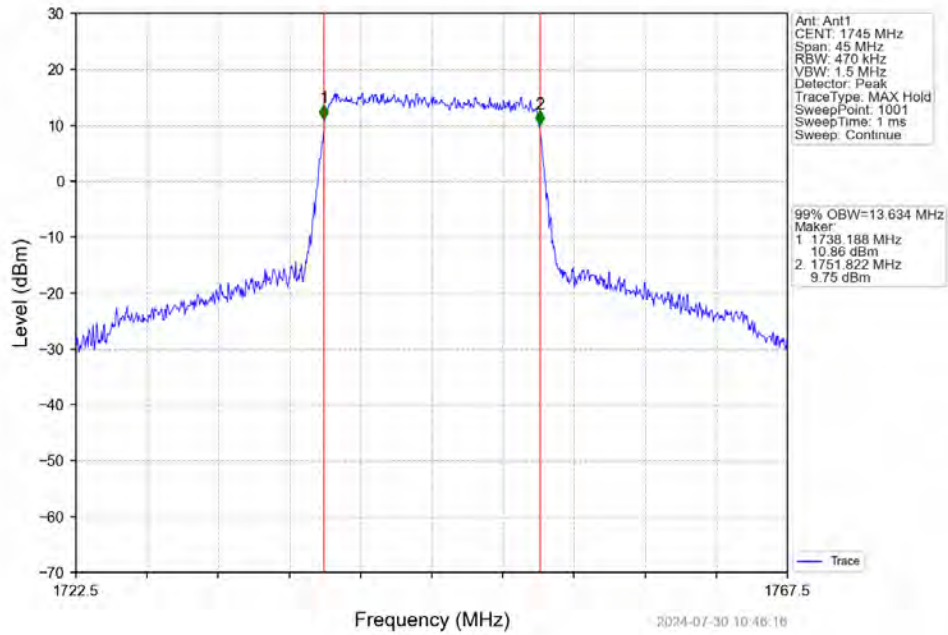
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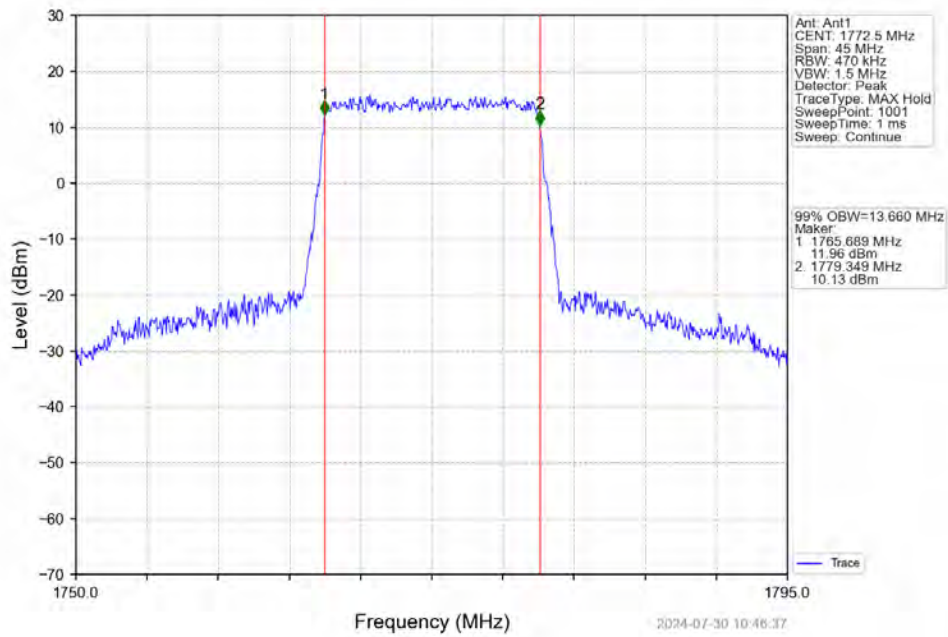
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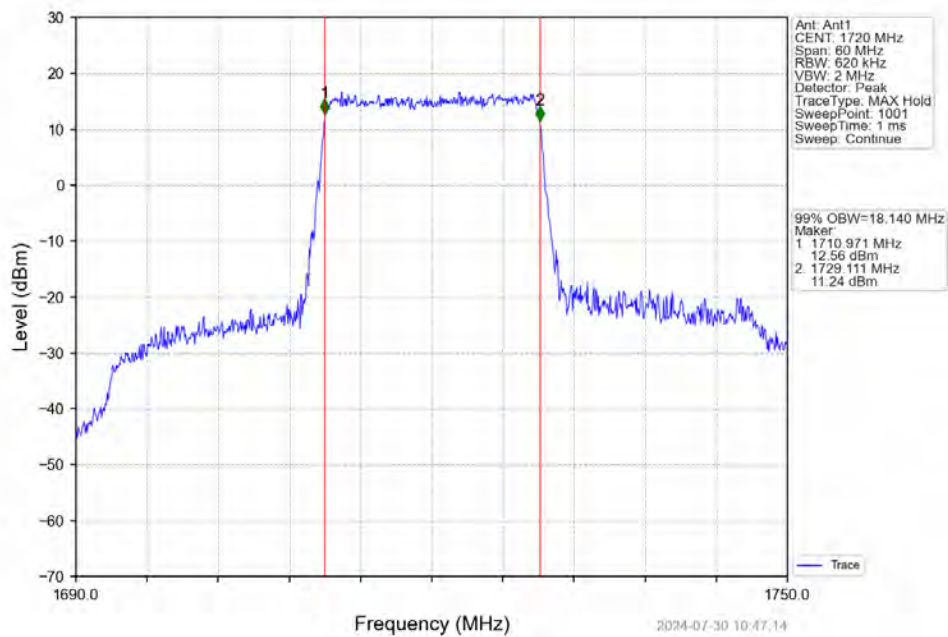
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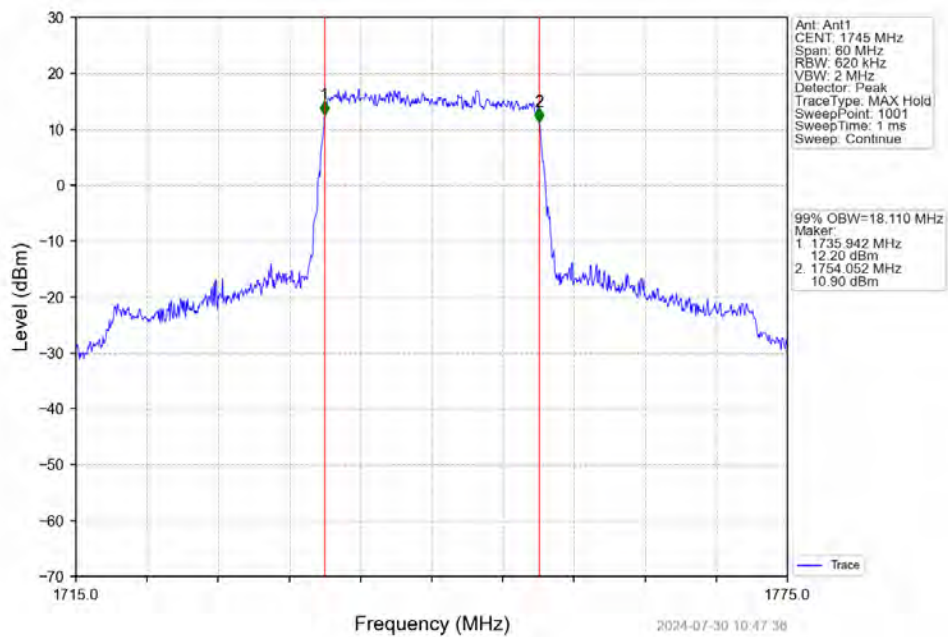
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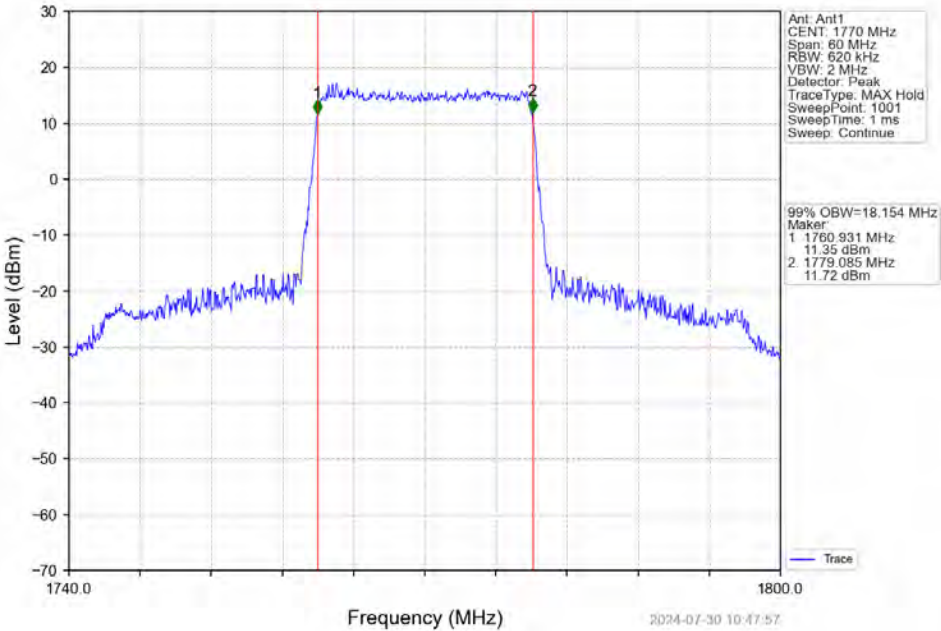
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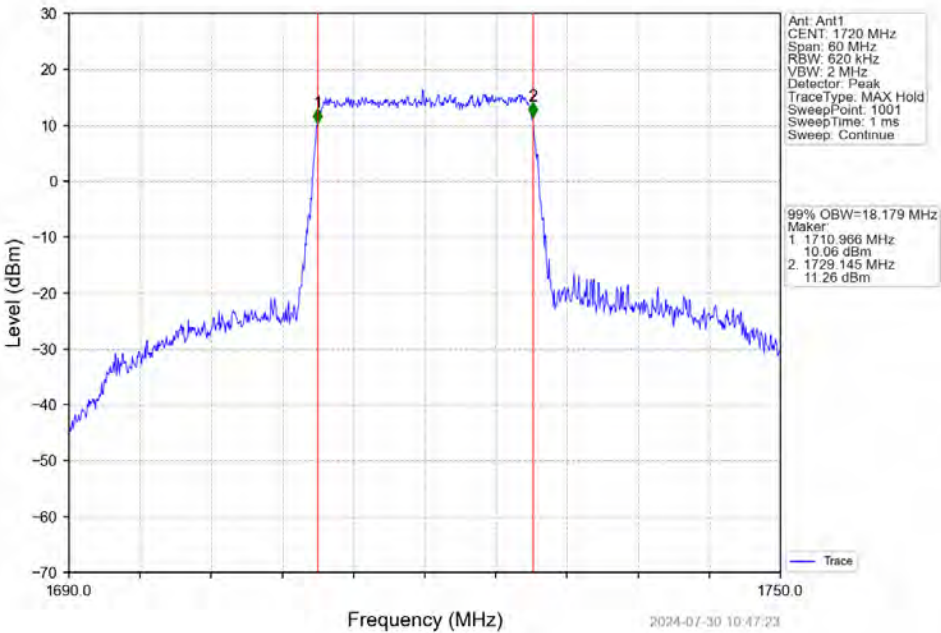
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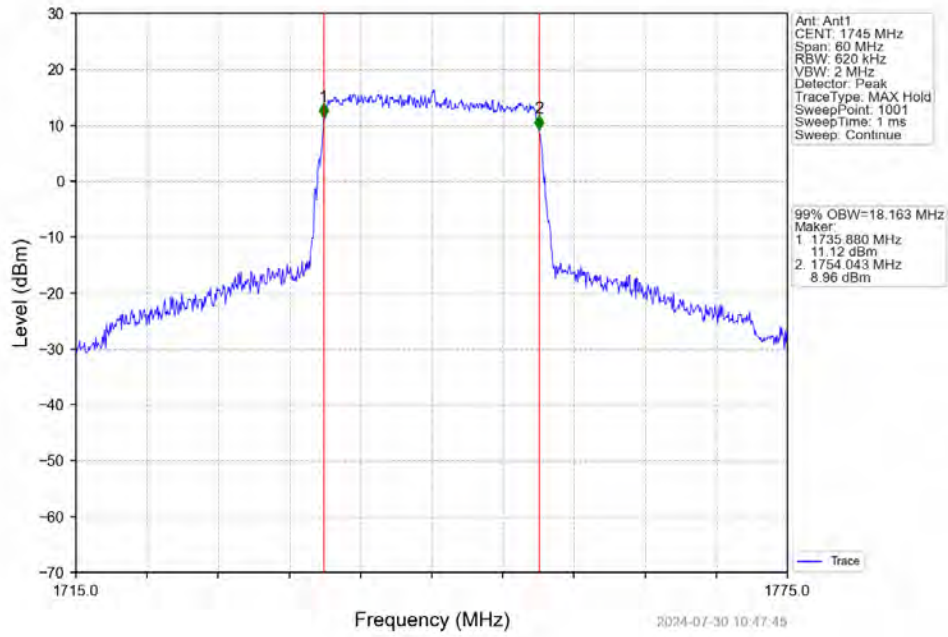
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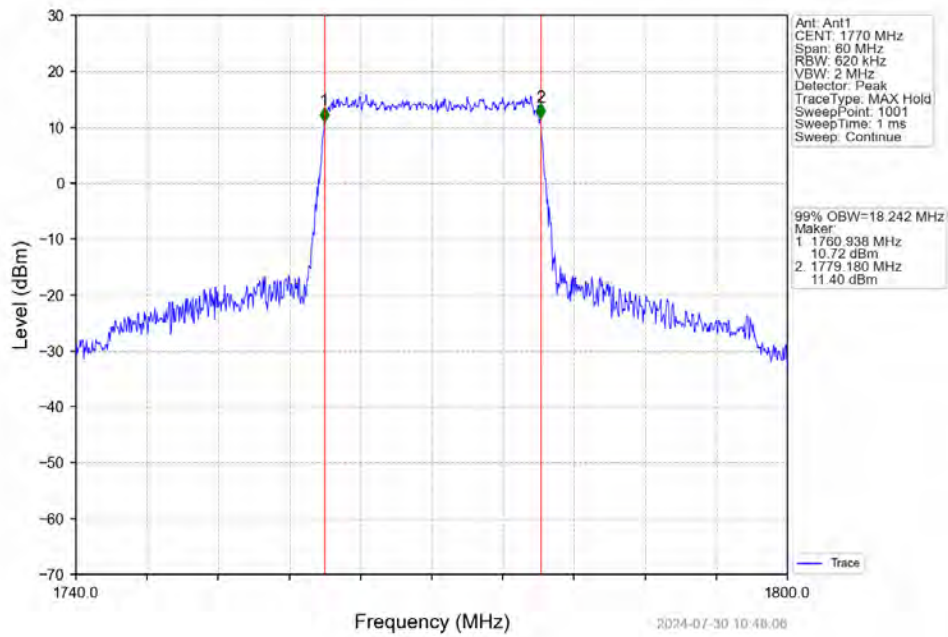
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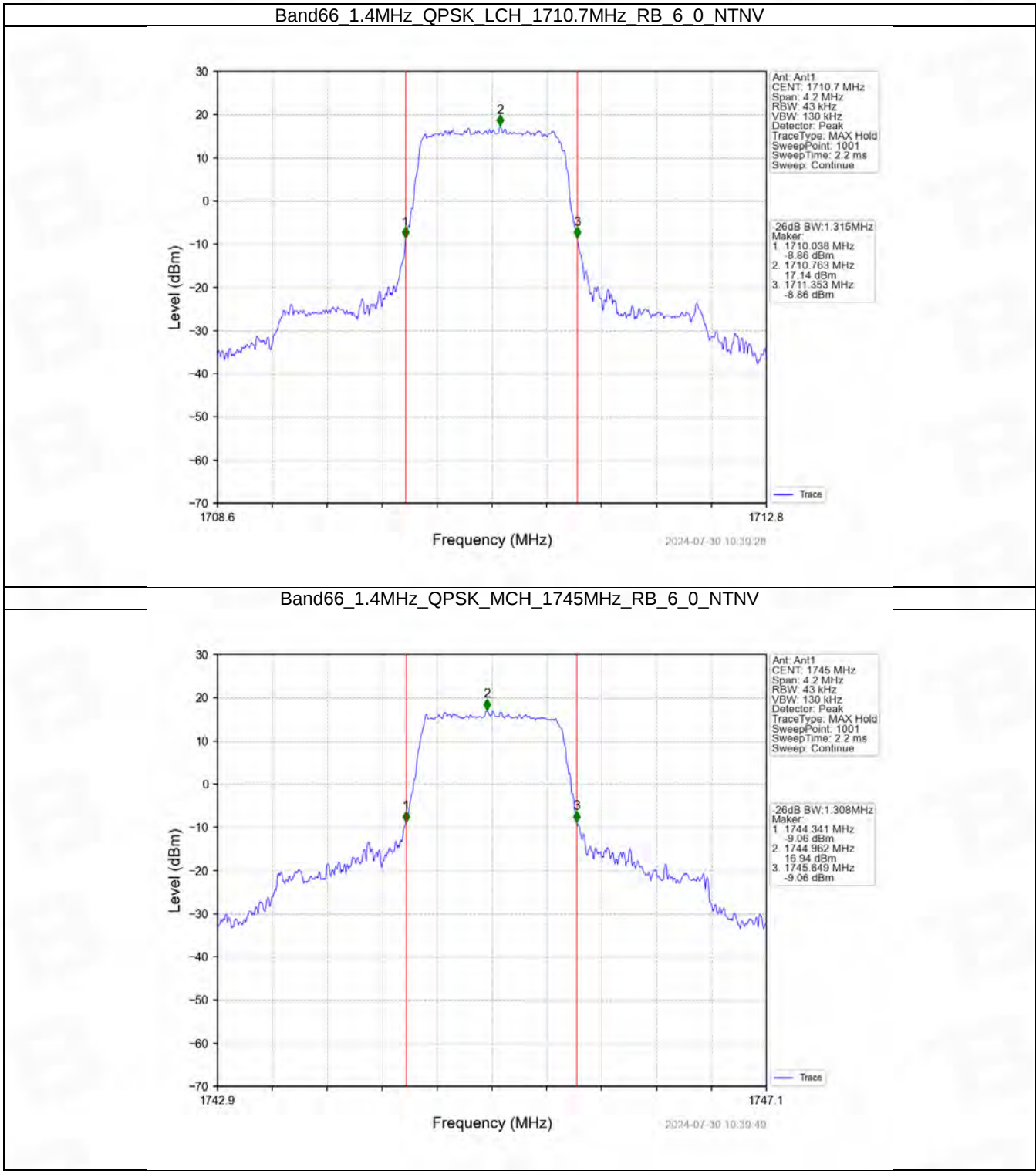
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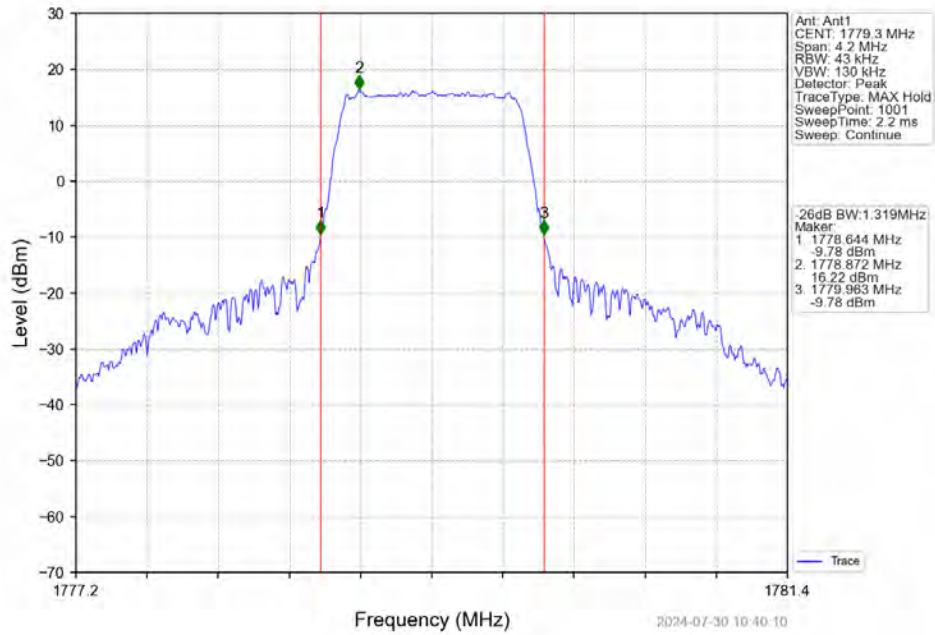
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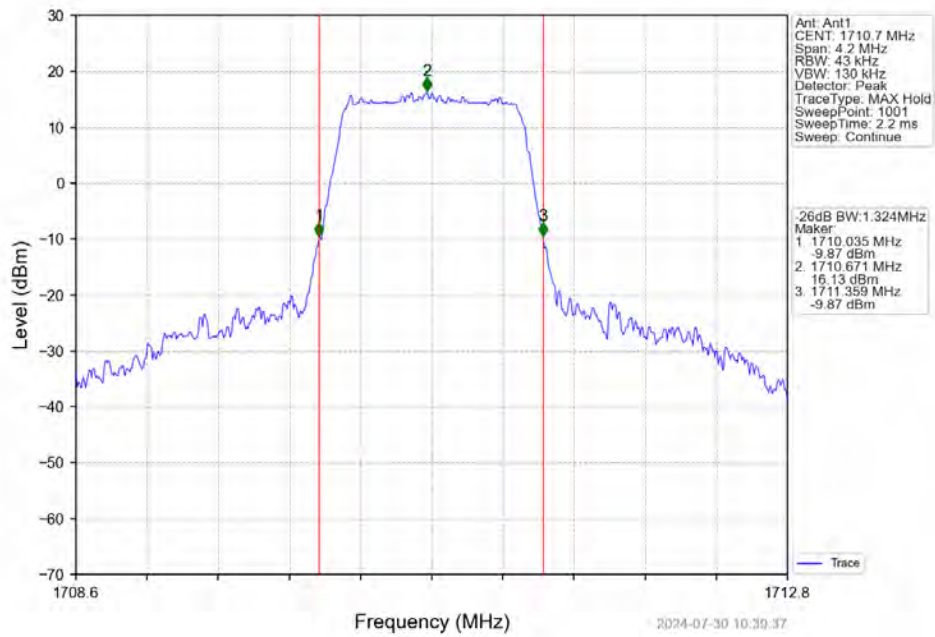
4.2.2 Band66_XDB



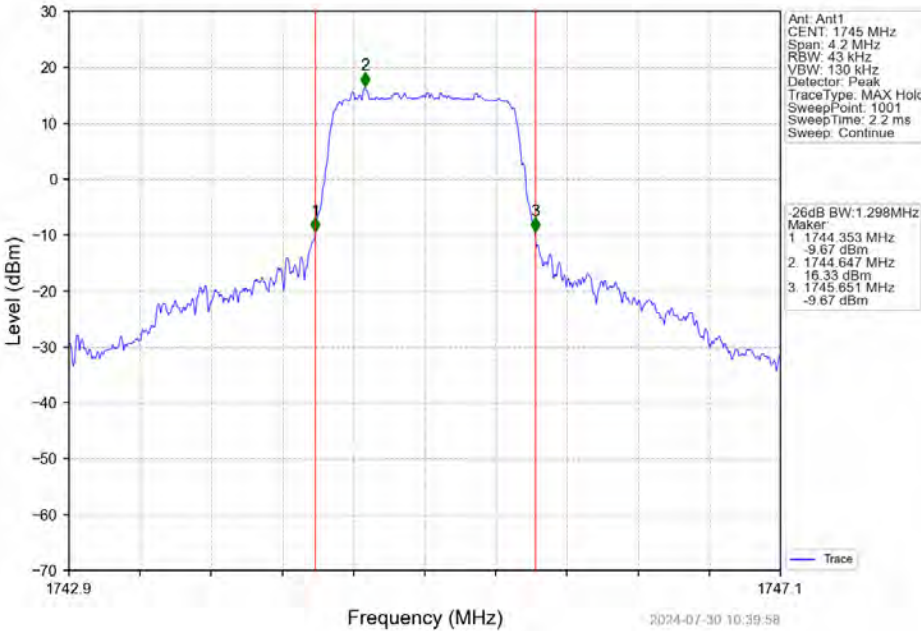
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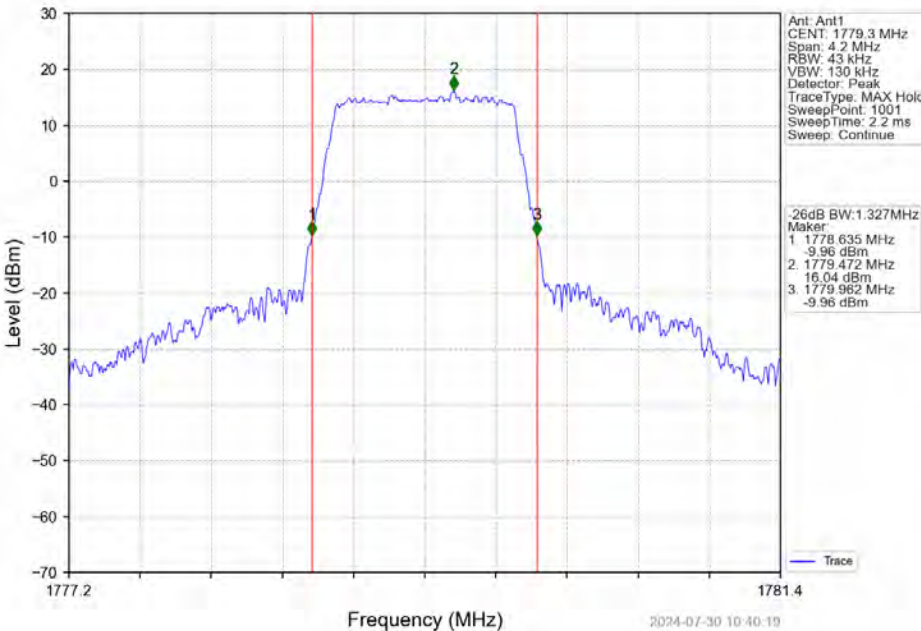
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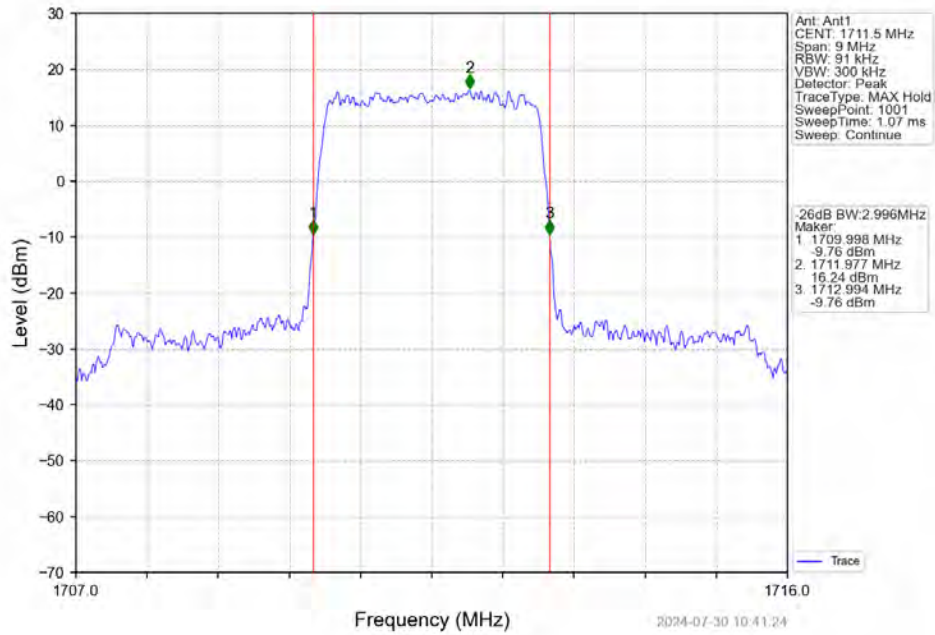
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



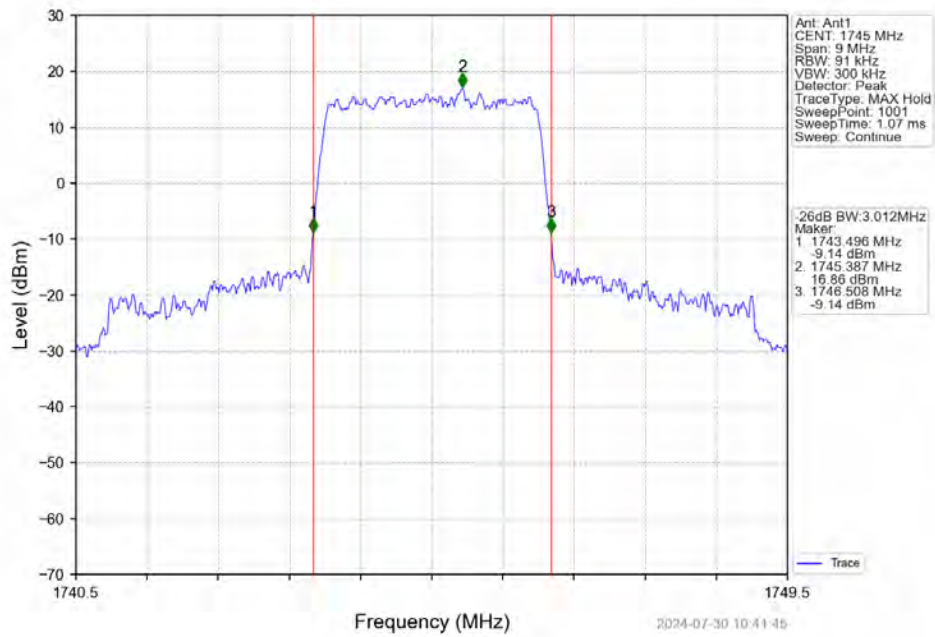
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



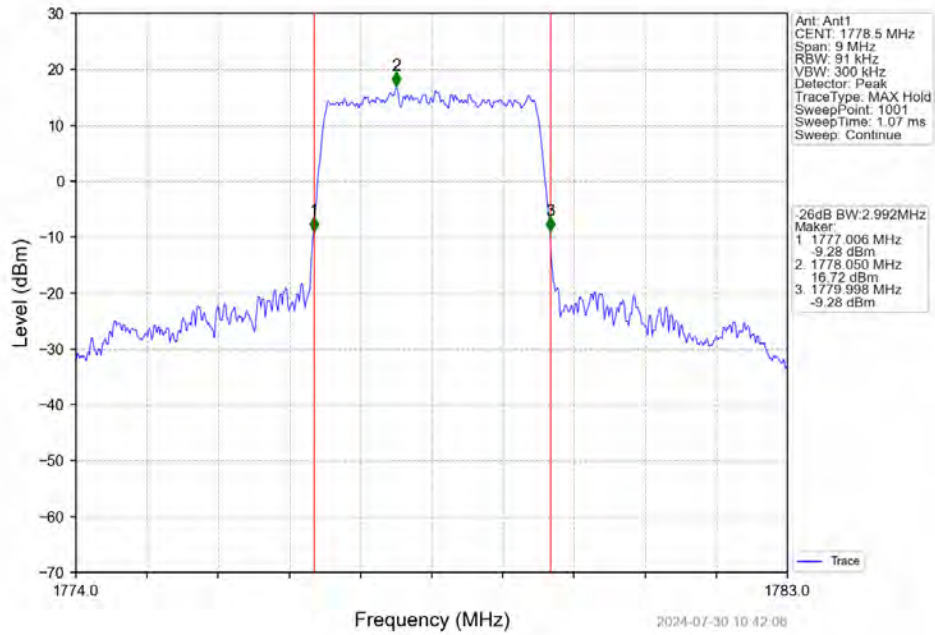
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



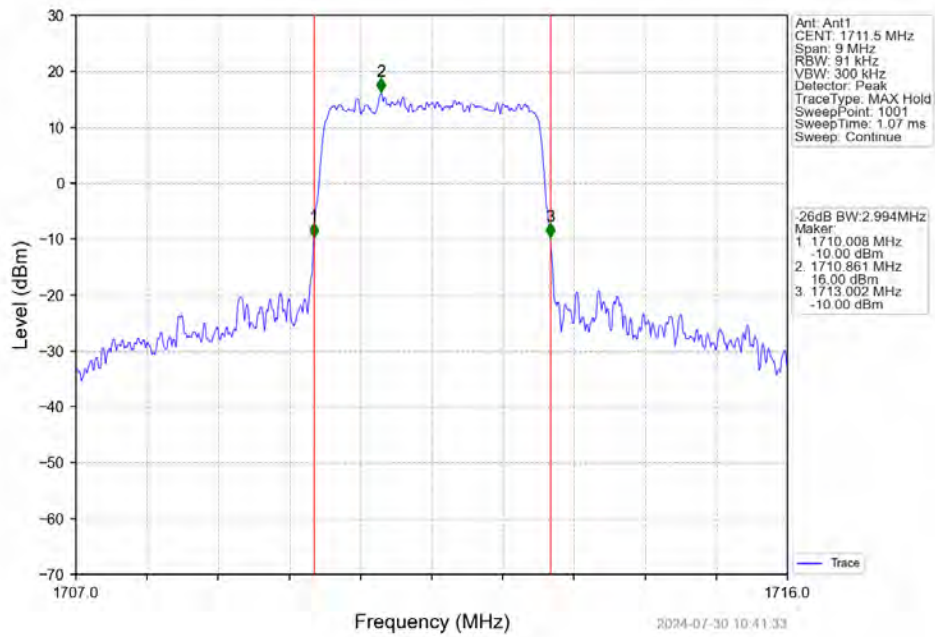
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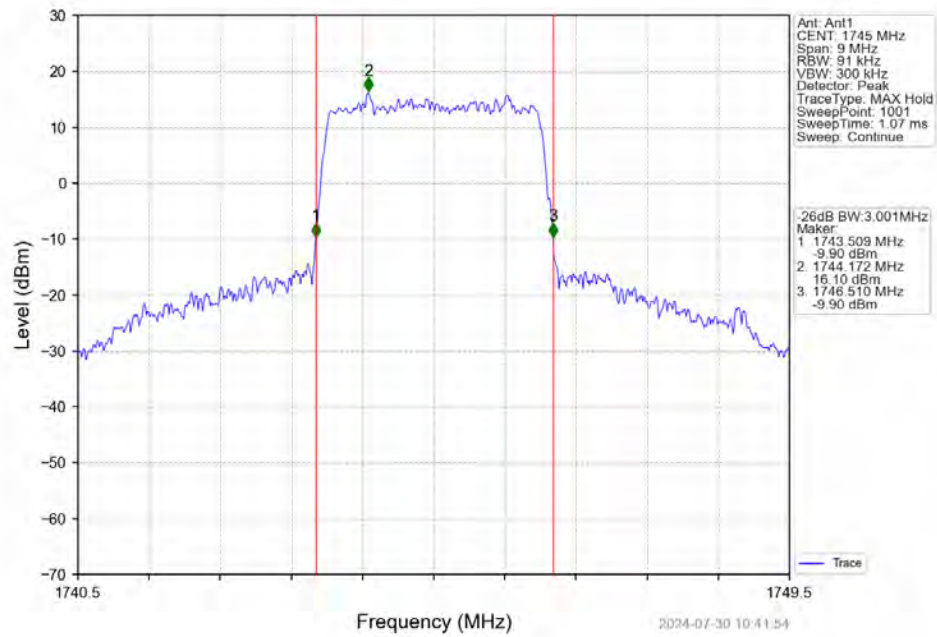
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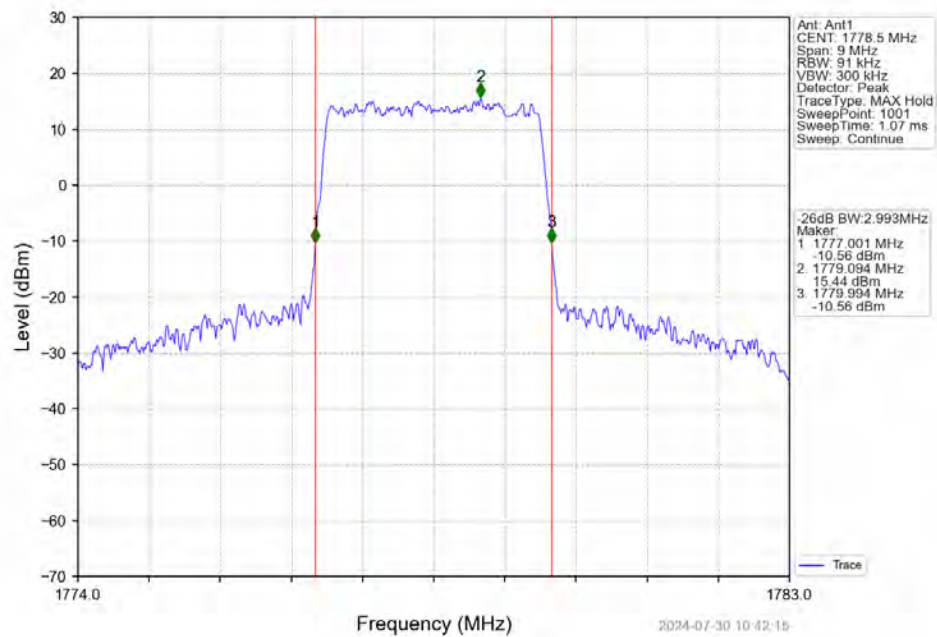
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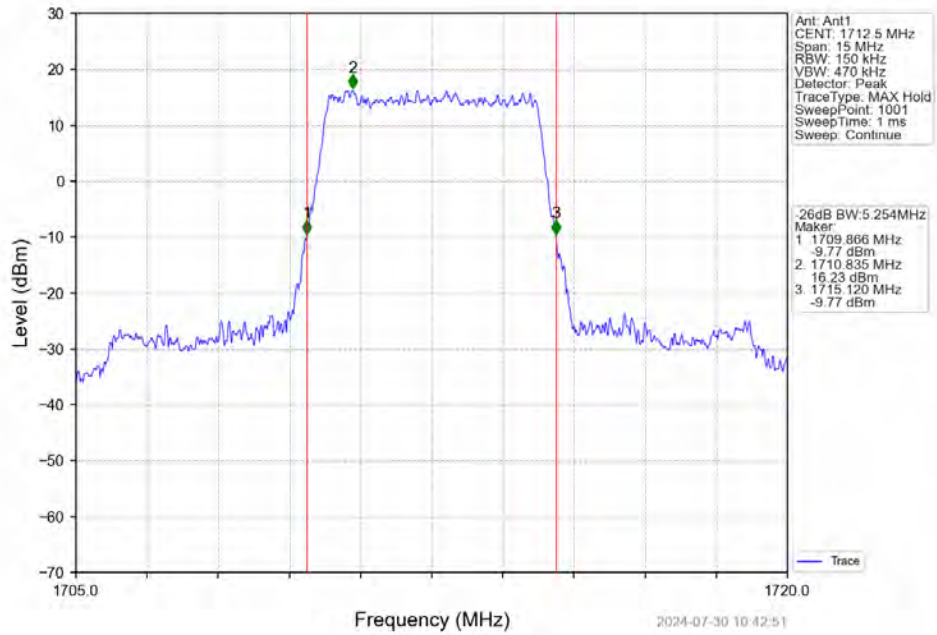
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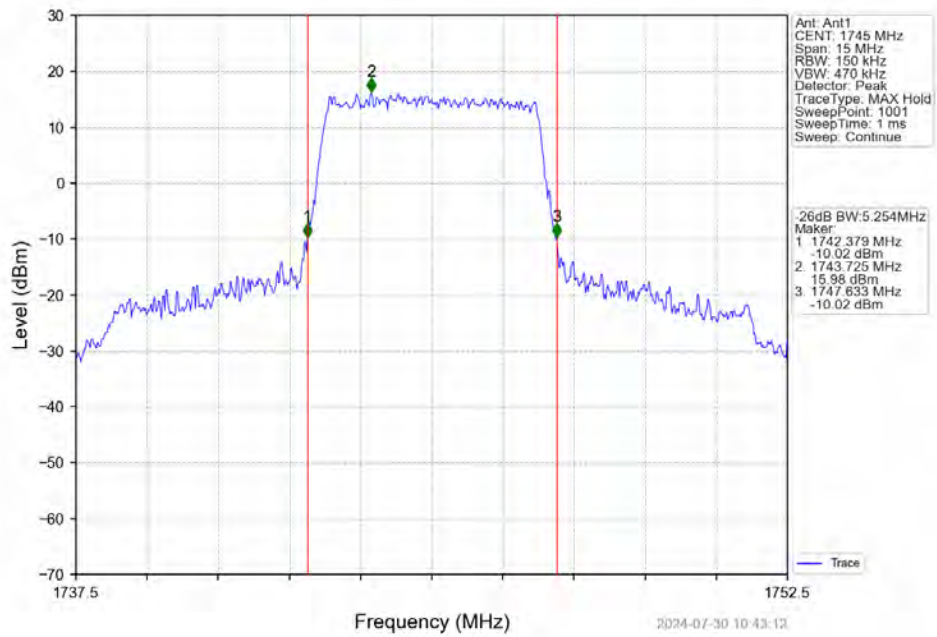
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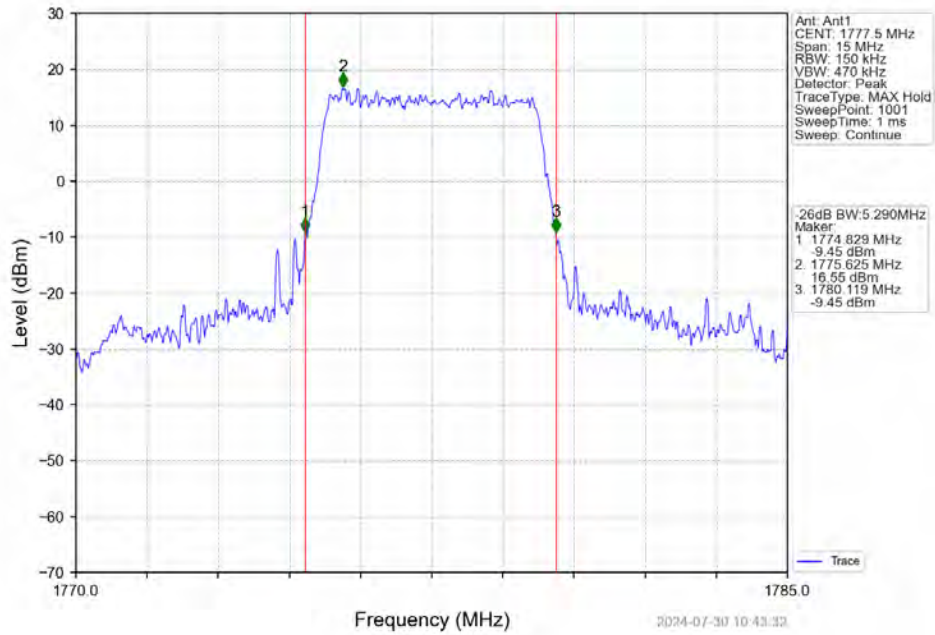
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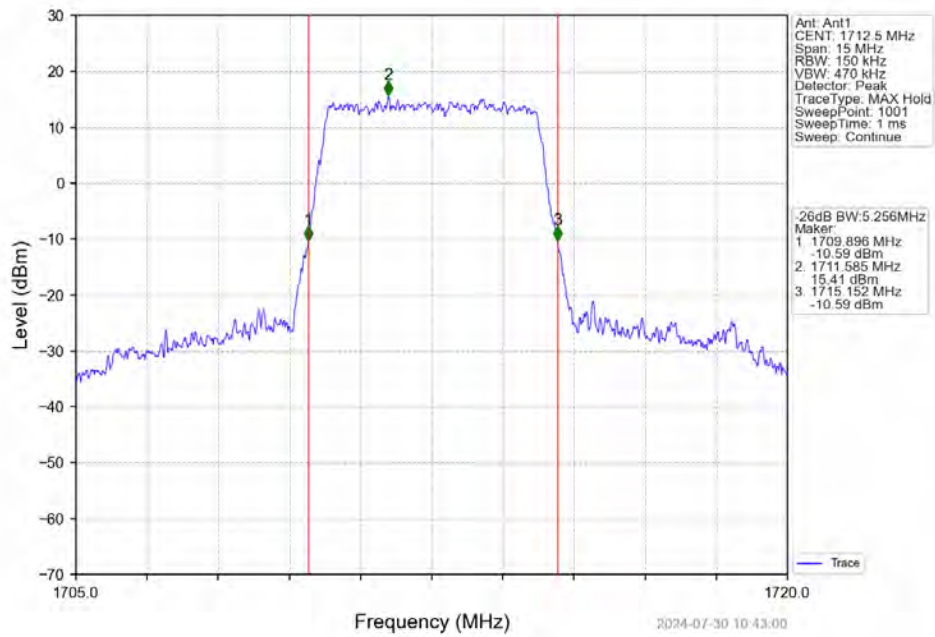
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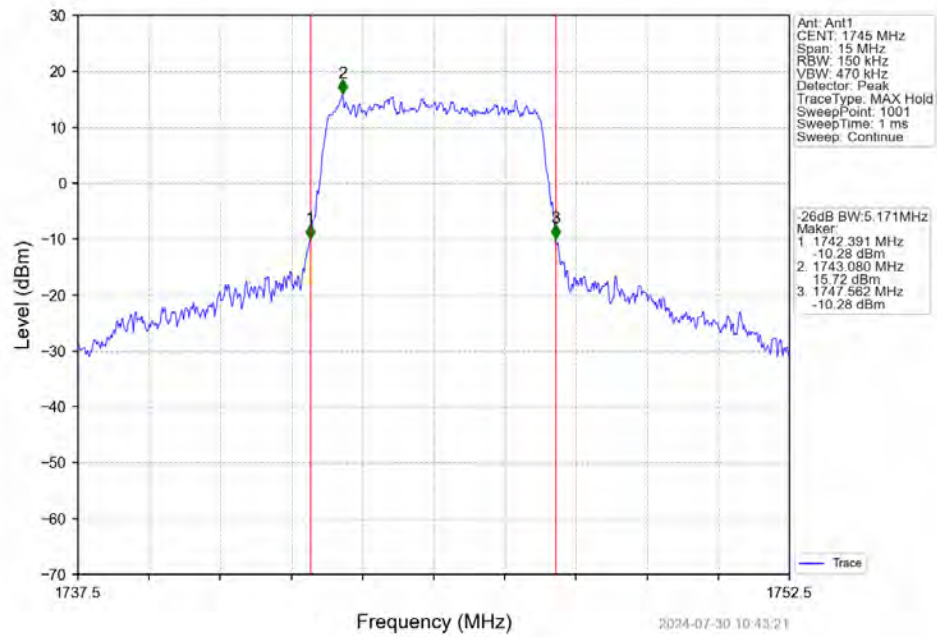
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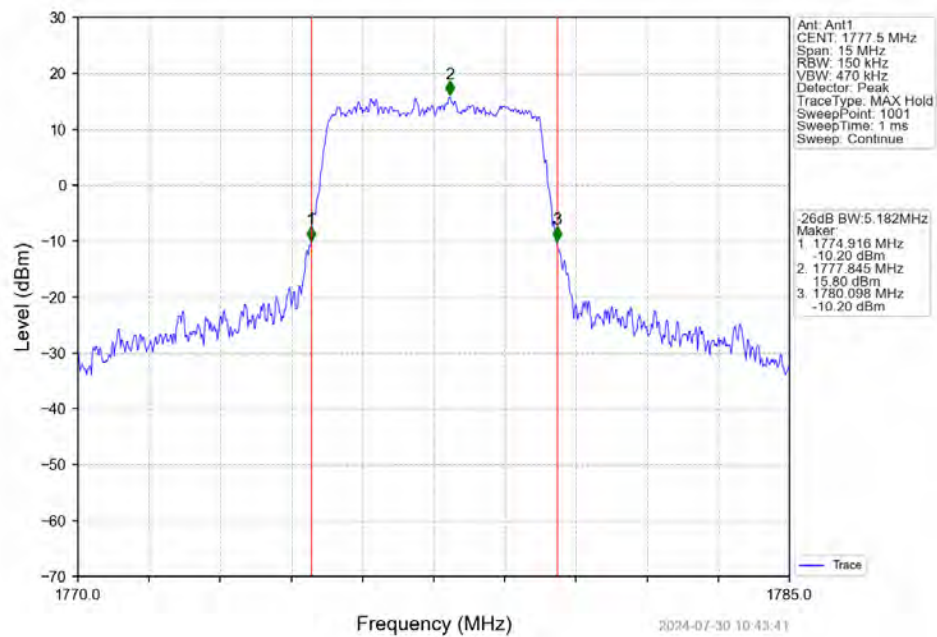
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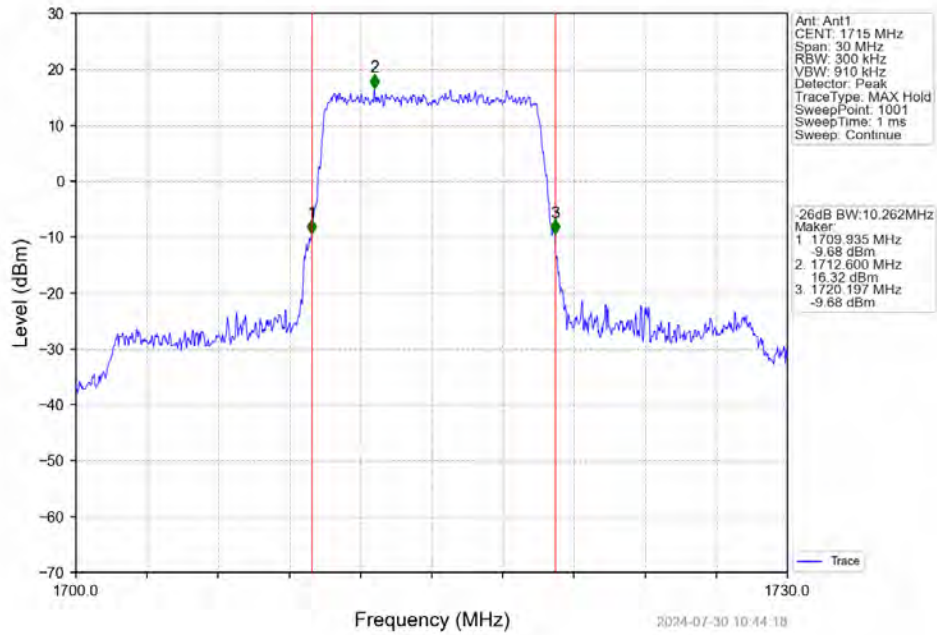
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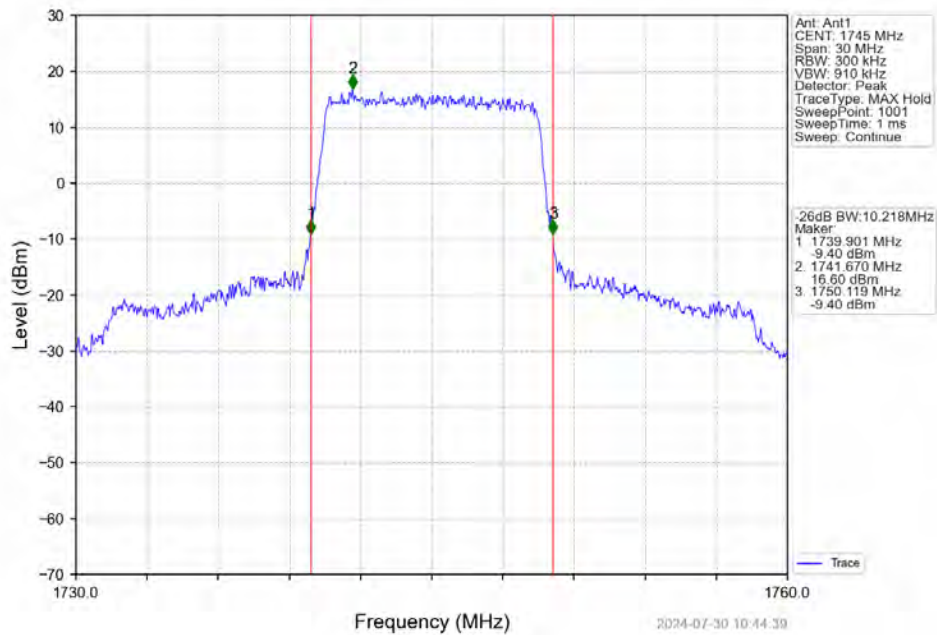
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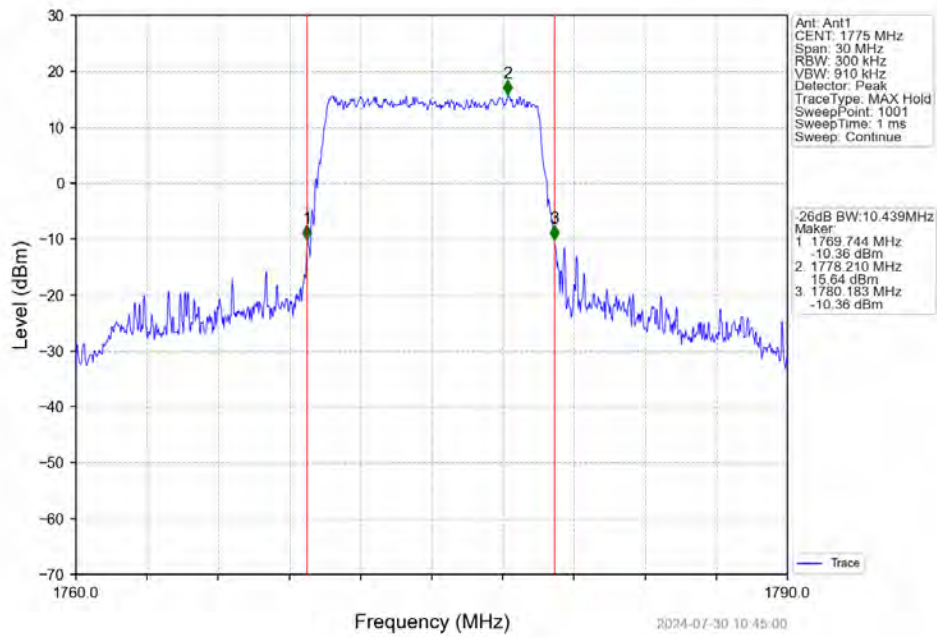
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



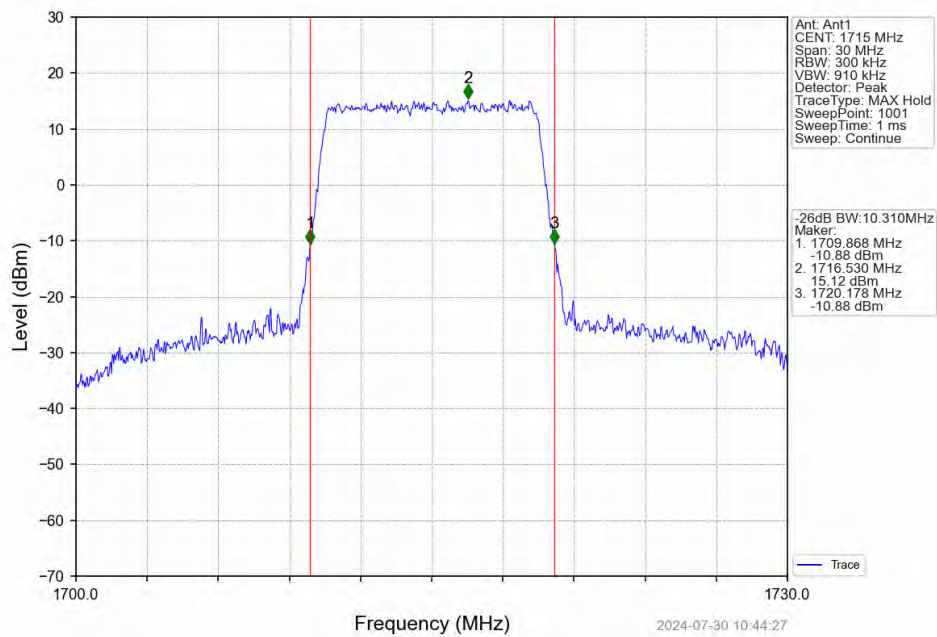
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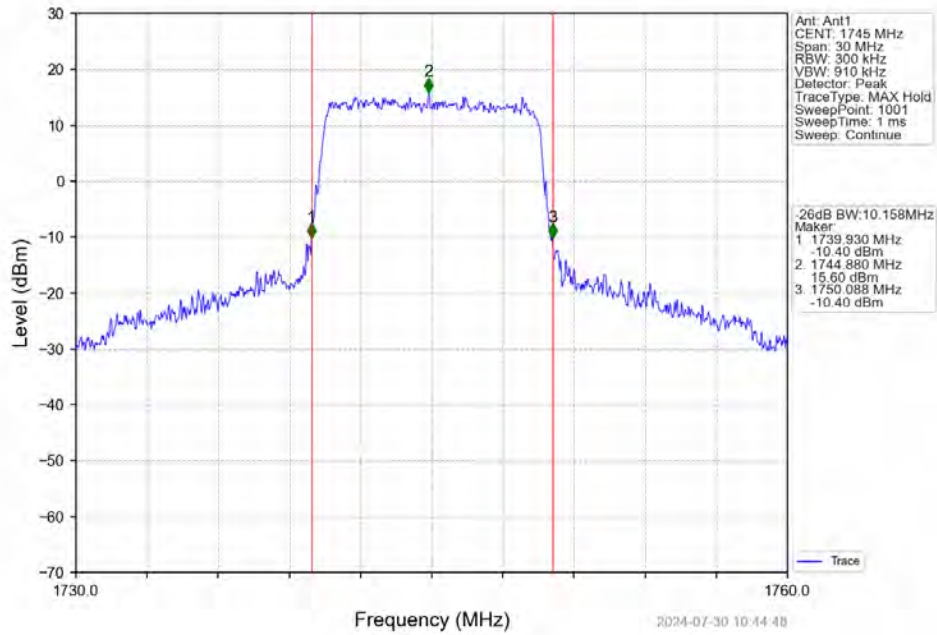
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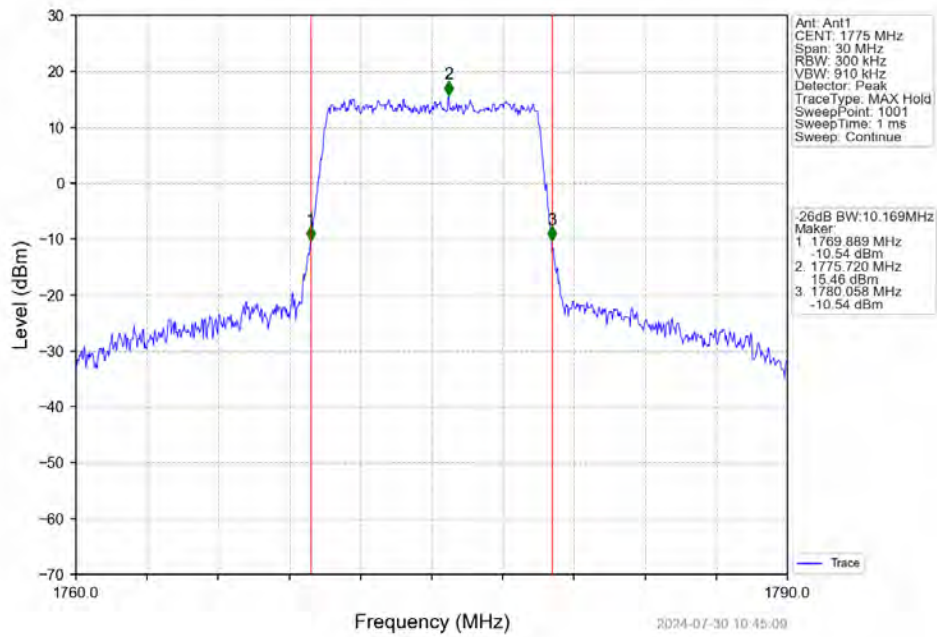
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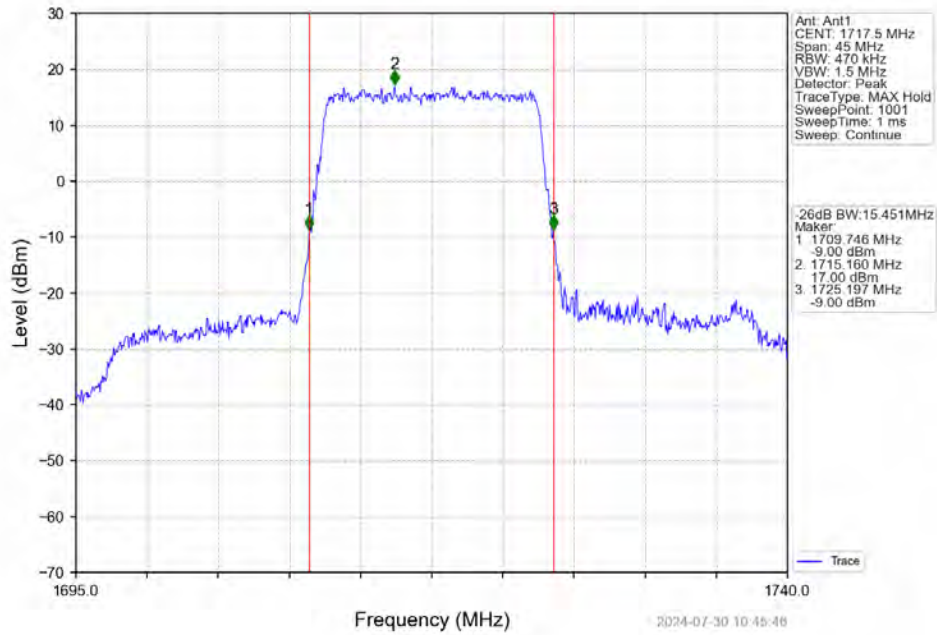
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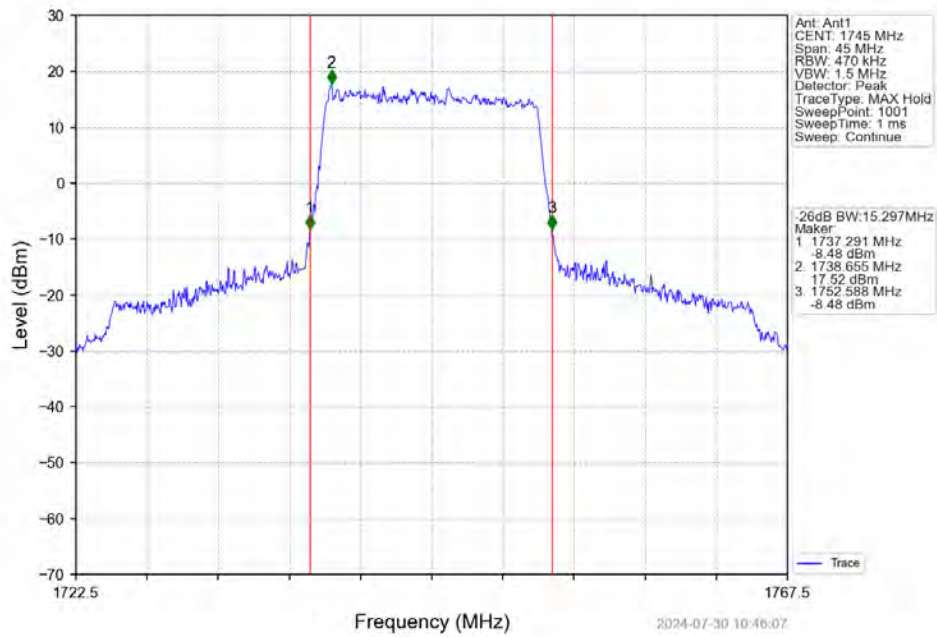
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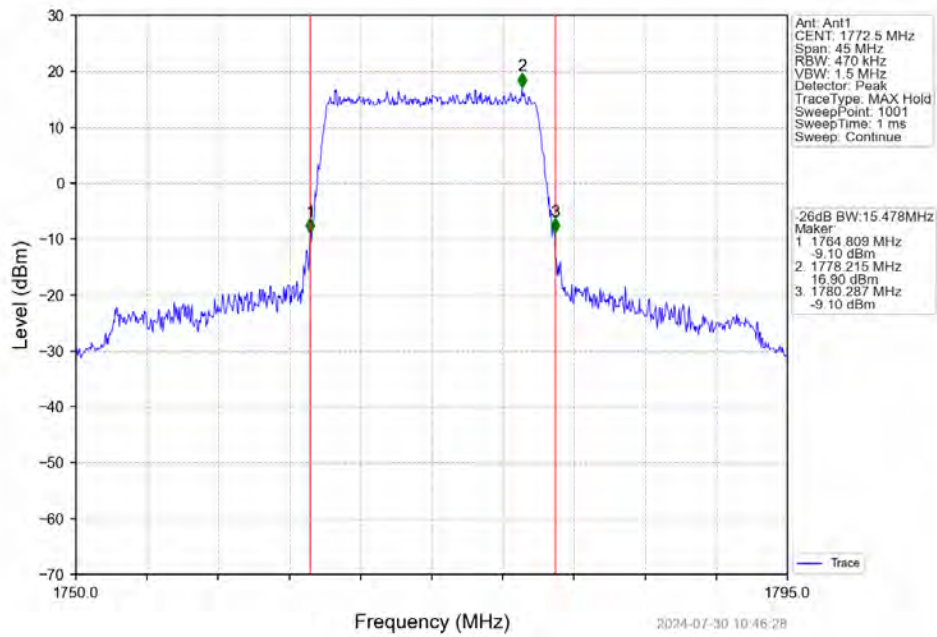
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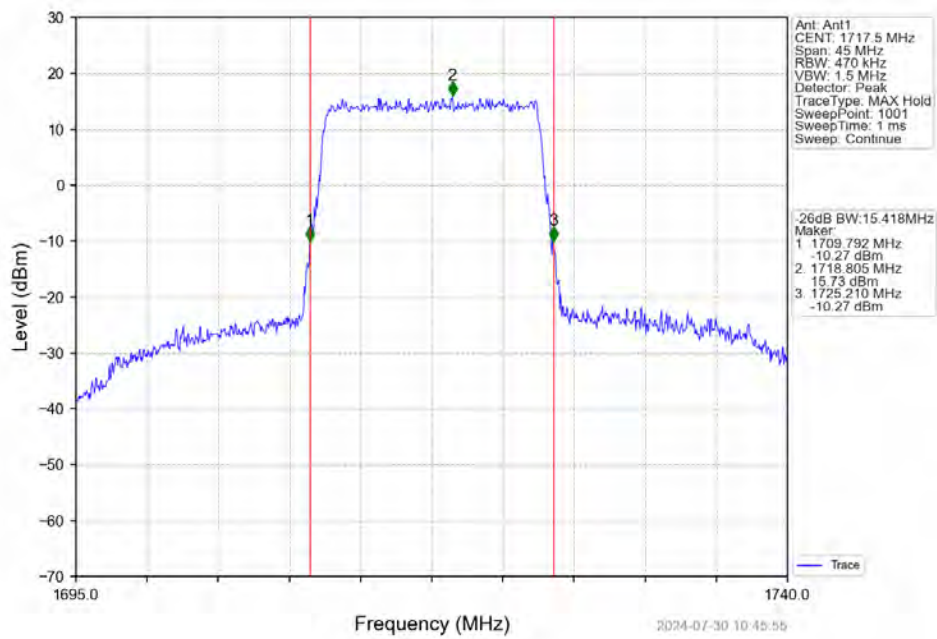
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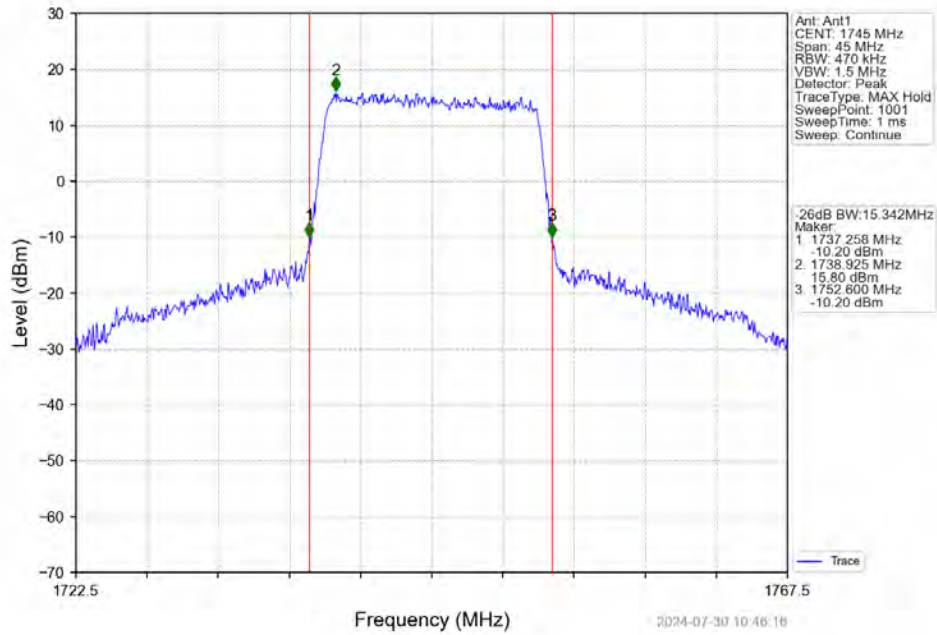
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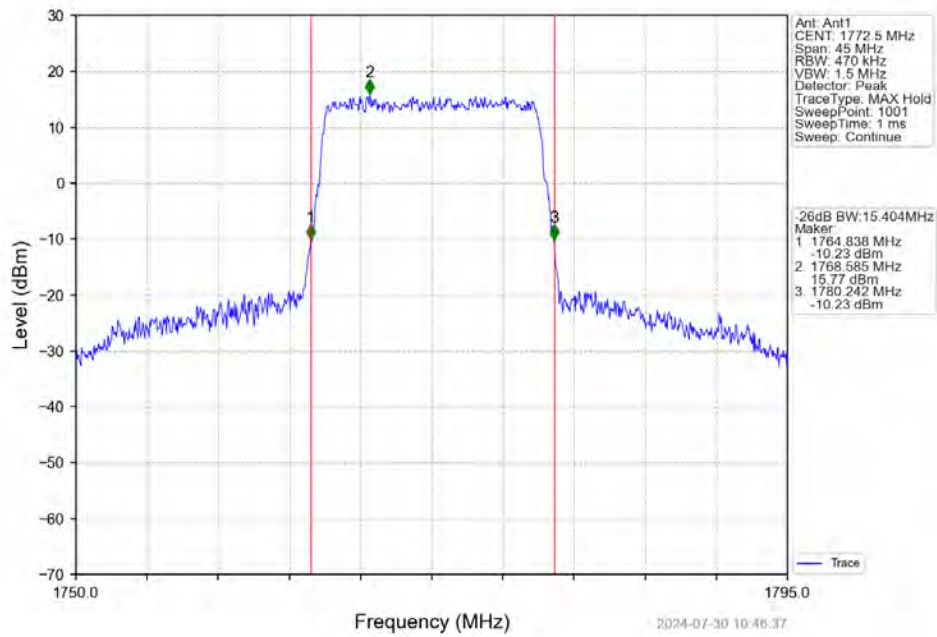
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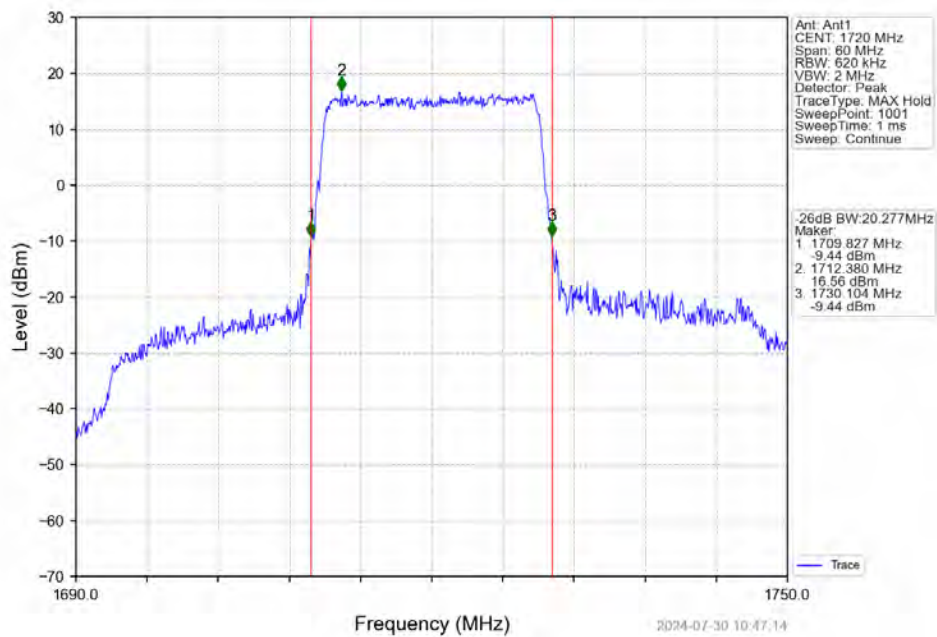
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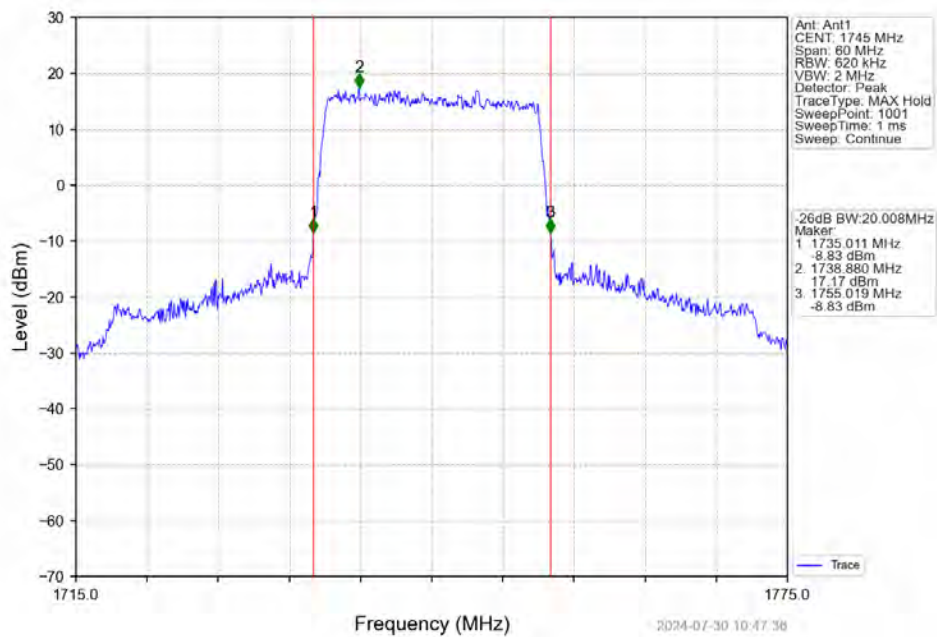
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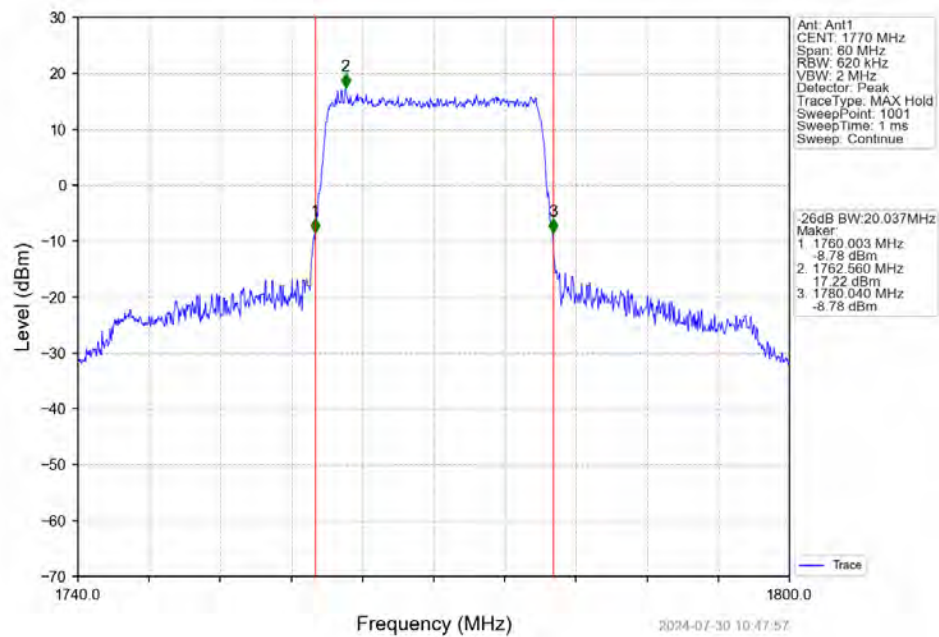
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



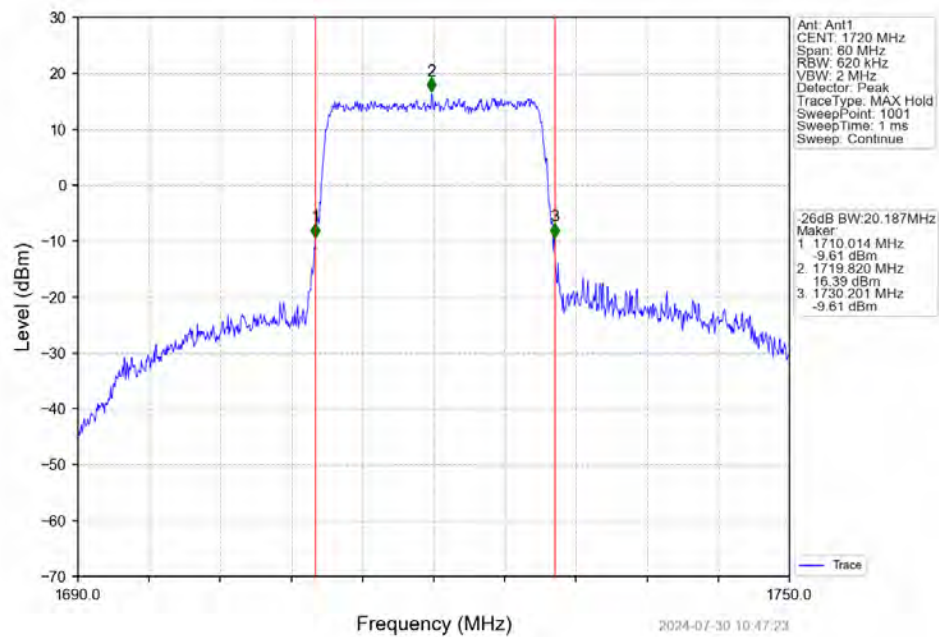
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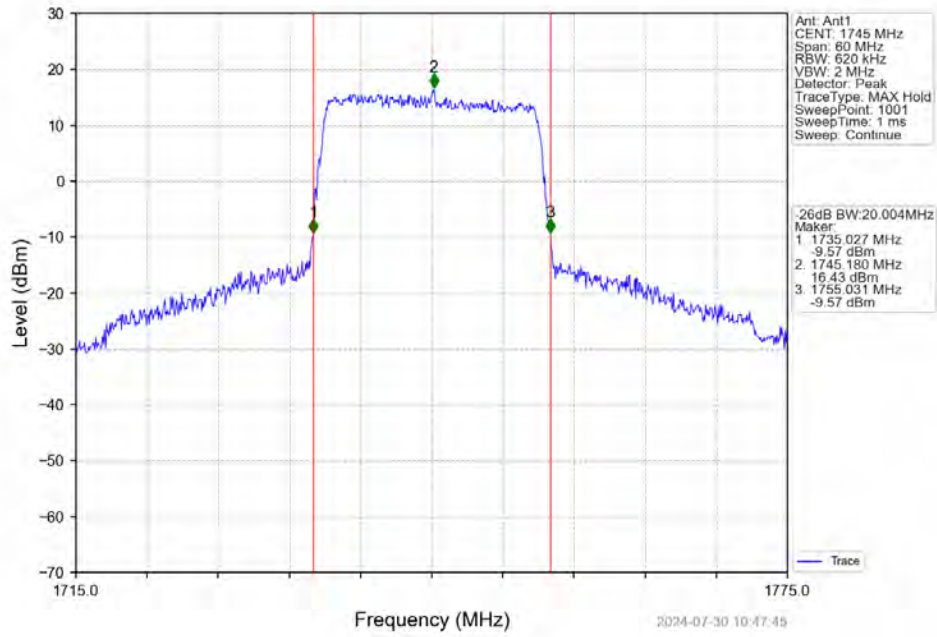
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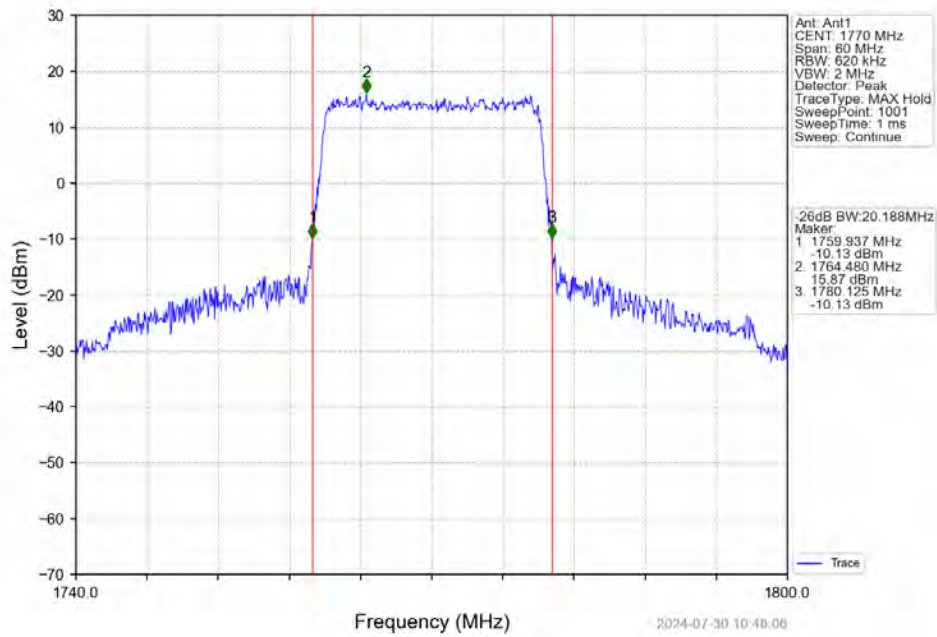
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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



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



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

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	5.24	<=13	Pass
	1745	6	0	4.17	<=13	Pass
	1779.3	6	0	4.96	<=13	Pass
16QAM	1710.7	6	0	6.00	<=13	Pass
	1745	6	0	5.14	<=13	Pass
	1779.3	6	0	5.83	<=13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.32	<=13	Pass
	1745	15	0	4.35	<=13	Pass
	1778.5	15	0	5.13	<=13	Pass
16QAM	1711.5	15	0	6.13	<=13	Pass
	1745	15	0	5.28	<=13	Pass
	1778.5	15	0	5.96	<=13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.49	<=13	Pass
	1745	25	0	4.78	<=13	Pass
	1777.5	25	0	5.43	<=13	Pass
16QAM	1712.5	25	0	6.23	<=13	Pass
	1745	25	0	5.56	<=13	Pass
	1777.5	25	0	6.13	<=13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.52	<=13	Pass
	1745	50	0	4.81	<=13	Pass
	1775	50	0	5.40	<=13	Pass
16QAM	1715	50	0	6.30	<=13	Pass
	1745	50	0	5.63	<=13	Pass

	1775	50	0	6.15	<=13	Pass
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5.1.5 B66_15MHz

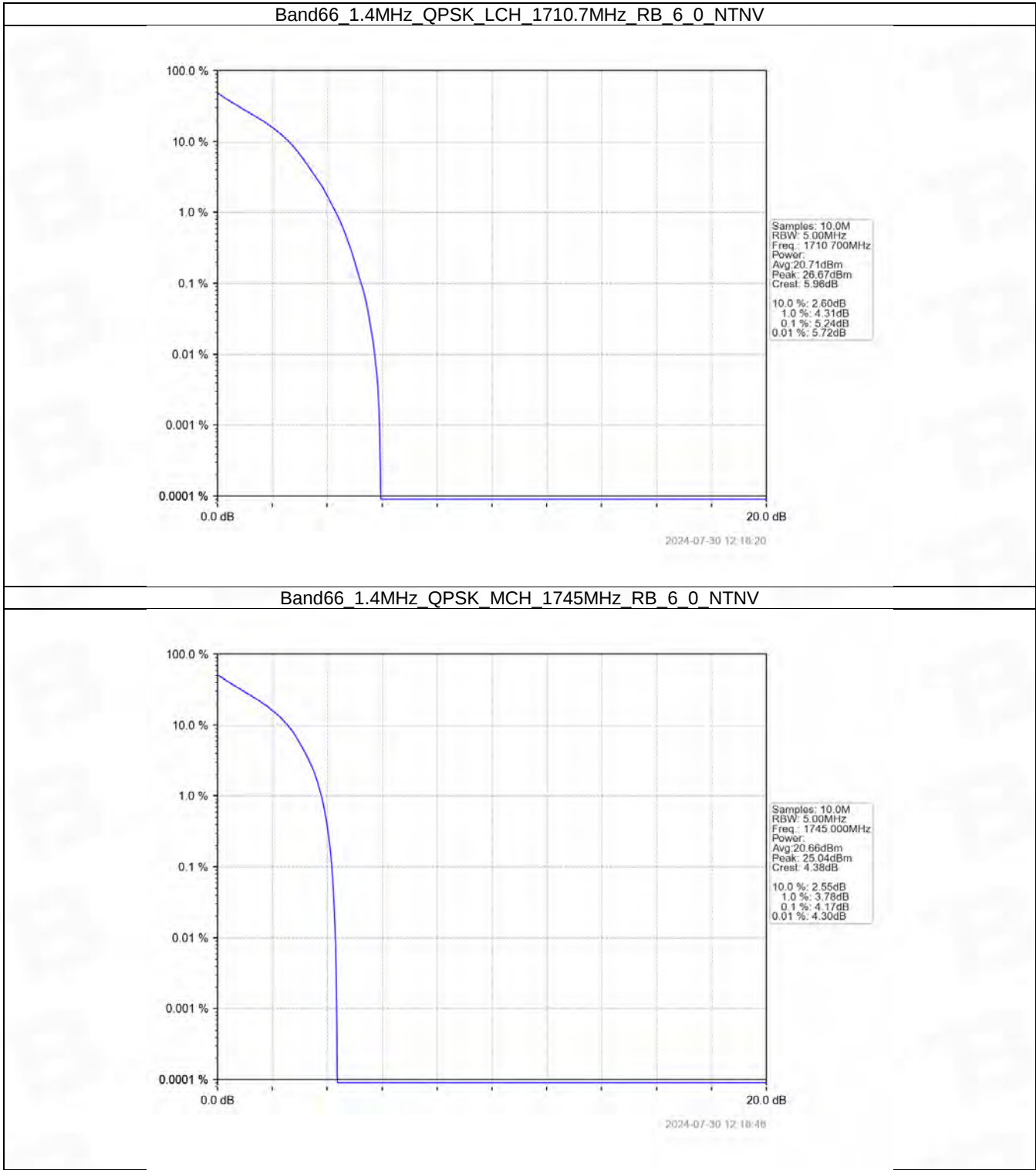
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.73	<=13	Pass
	1745	75	0	4.54	<=13	Pass
	1772.5	75	0	5.41	<=13	Pass
16QAM	1717.5	75	0	6.30	<=13	Pass
	1745	75	0	5.40	<=13	Pass
	1772.5	75	0	6.10	<=13	Pass

5.1.6 B66_20MHz

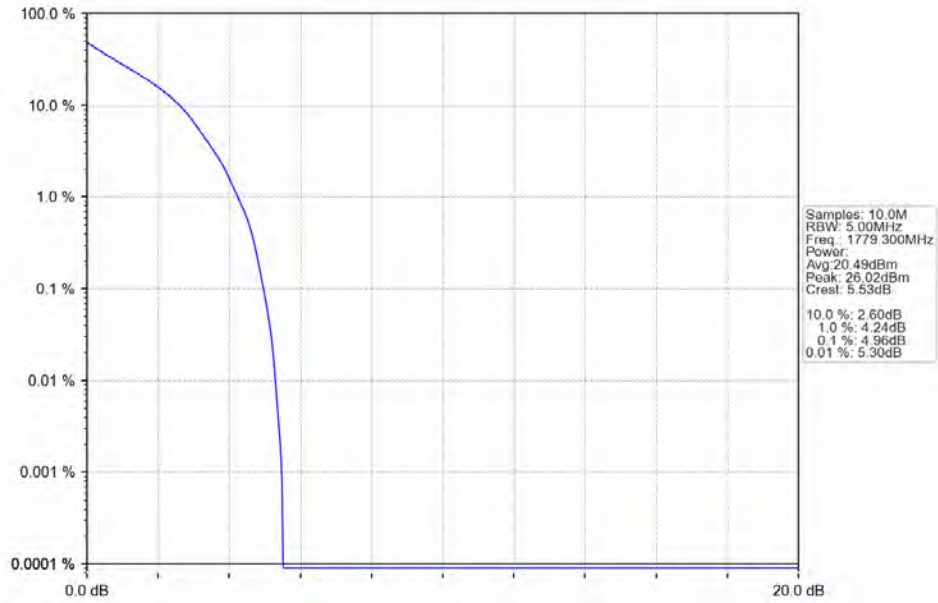
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.54	<=13	Pass
	1745	100	0	4.84	<=13	Pass
	1770	100	0	5.29	<=13	Pass
16QAM	1720	100	0	6.26	<=13	Pass
	1745	100	0	5.62	<=13	Pass
	1770	100	0	6.08	<=13	Pass

5.2 Test Graph

5.2.1 B66_1.4MHz

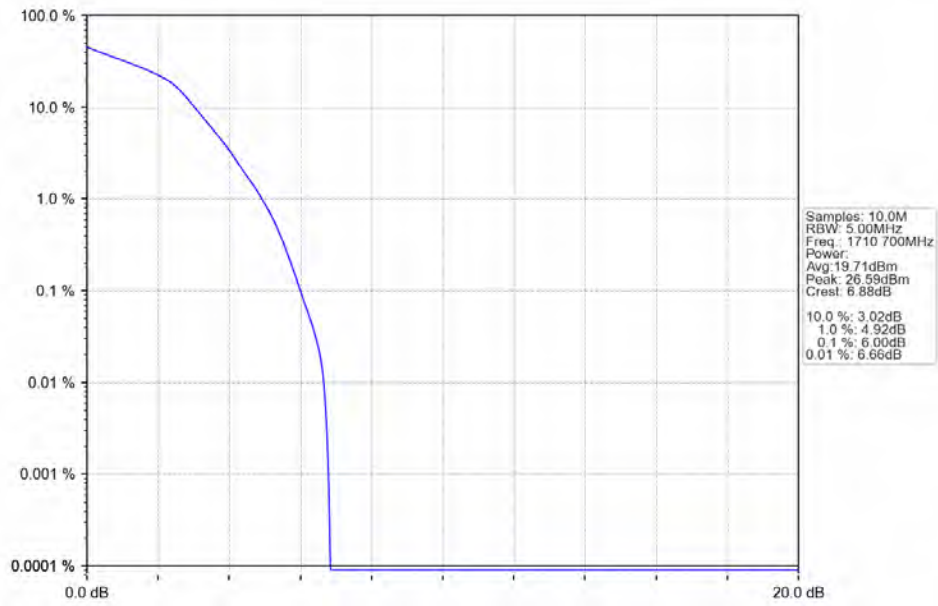


Band66 1.4MHz QPSK HCH 1779.3MHz RB 6.0 NTNV



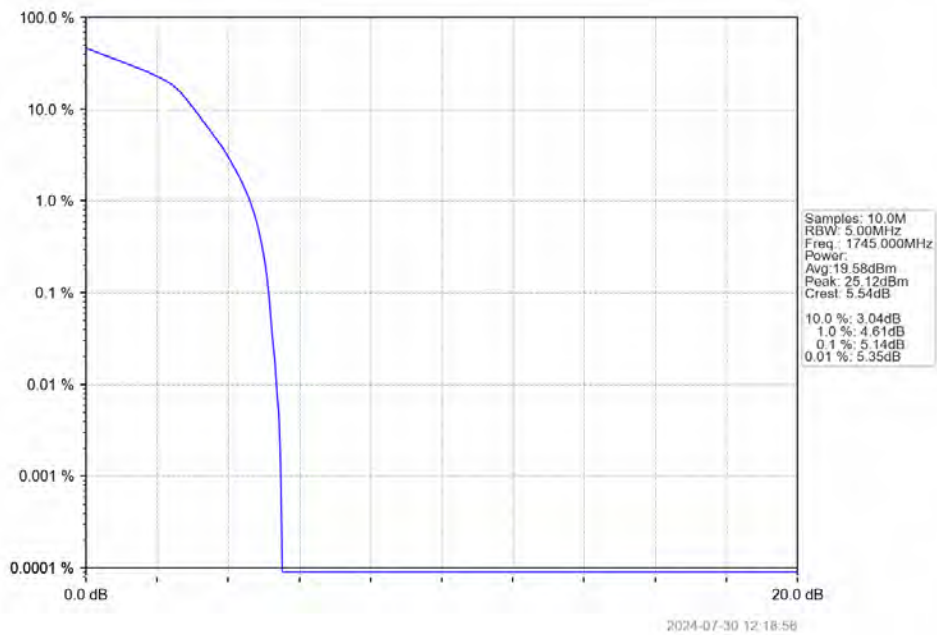
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Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6.0 NTNV

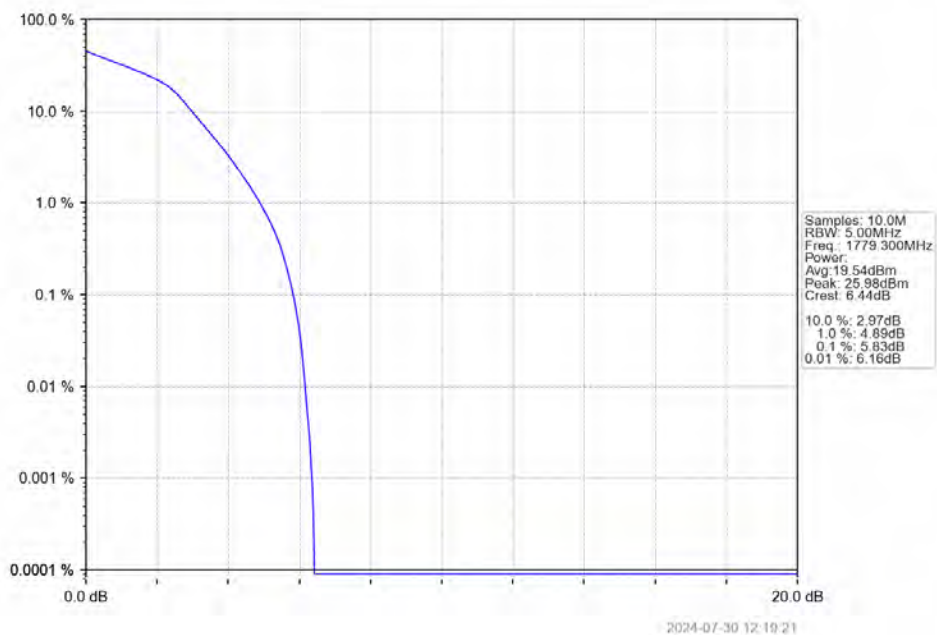


2024-07-30 12:18:33

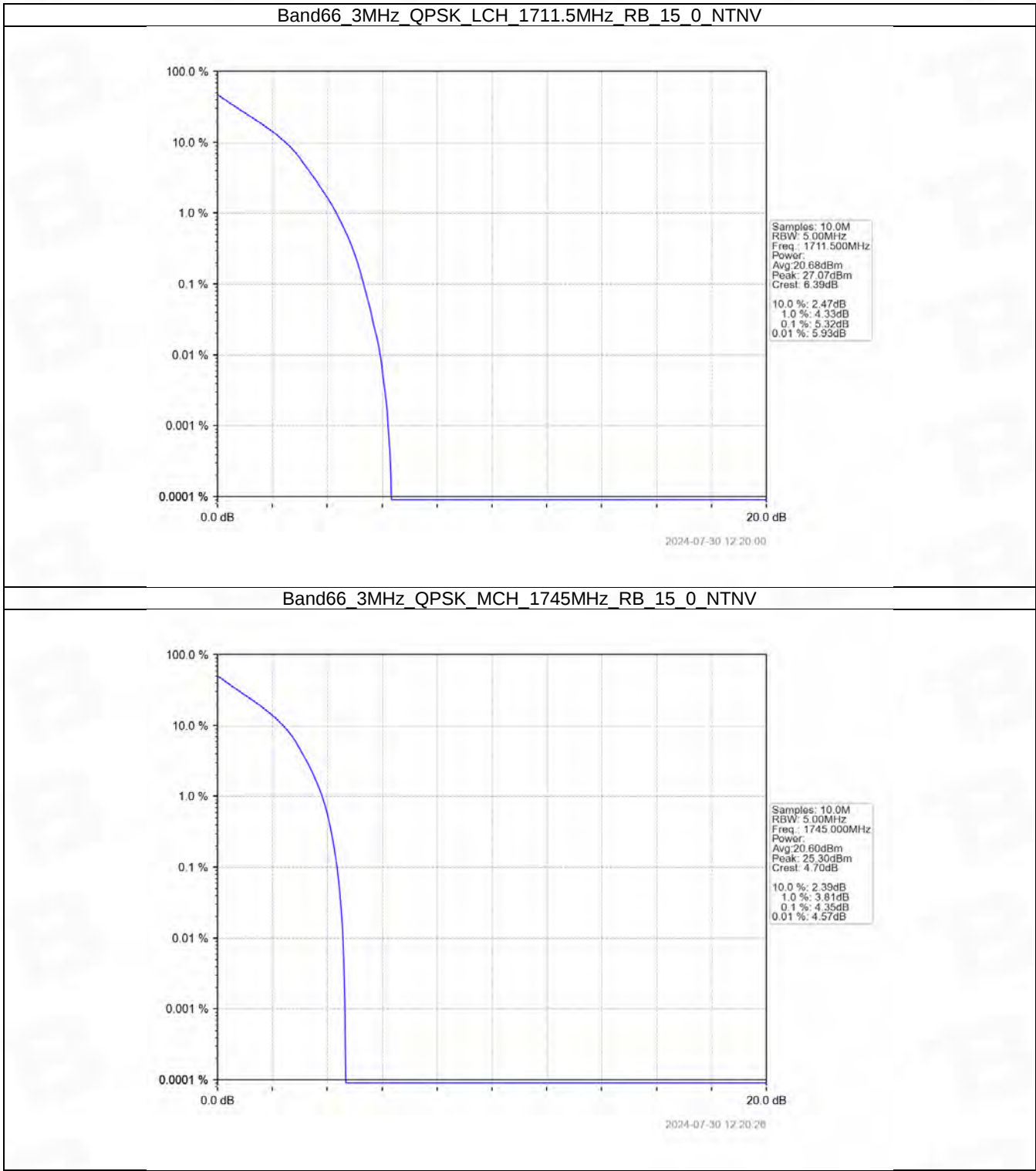
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



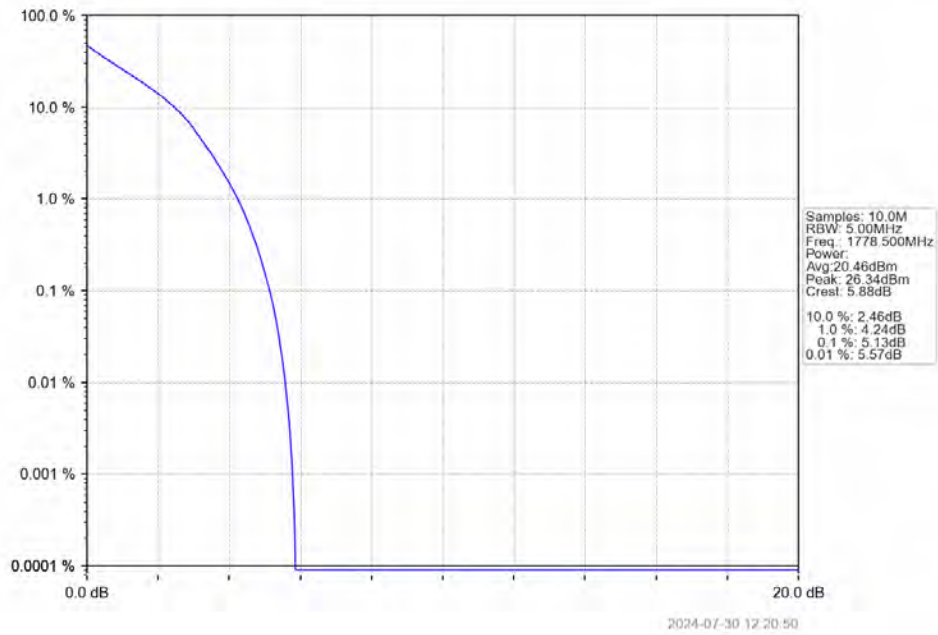
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



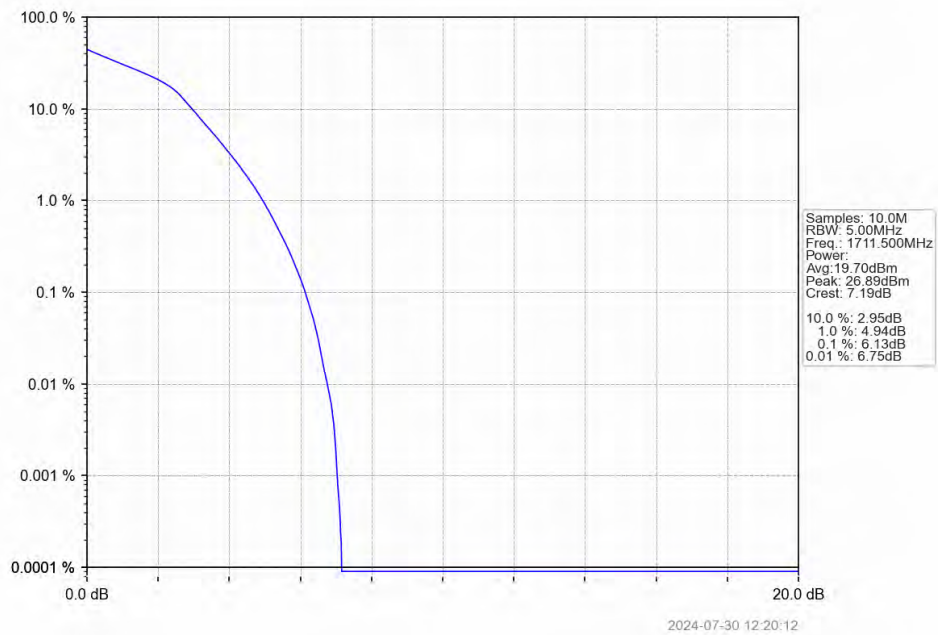
5.2.2 B66_3MHz



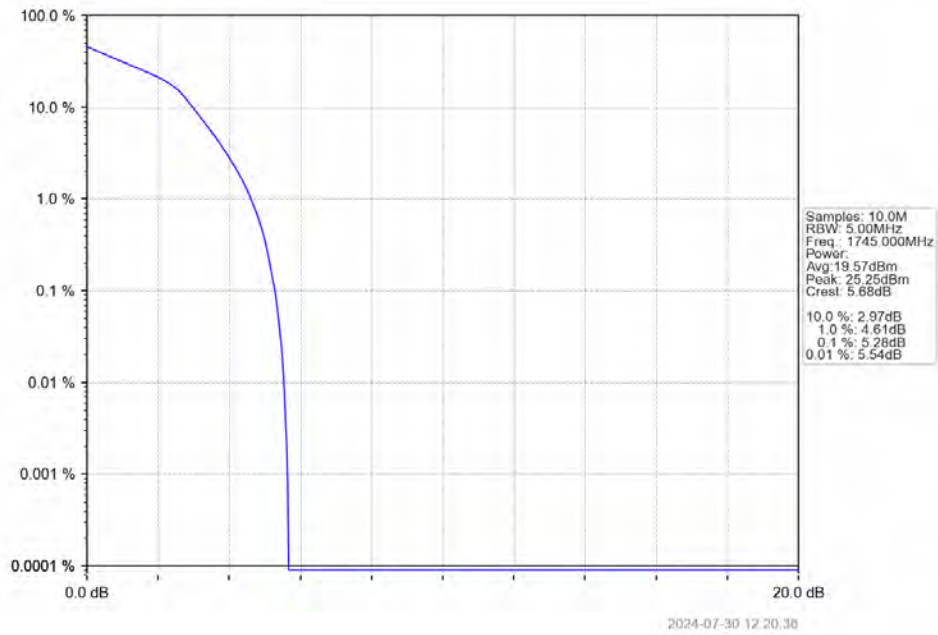
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



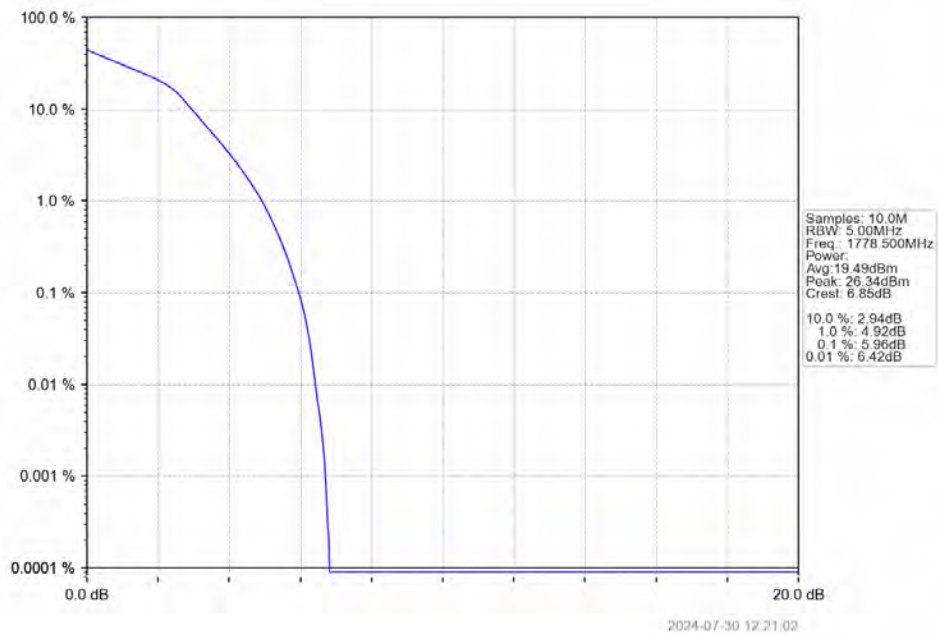
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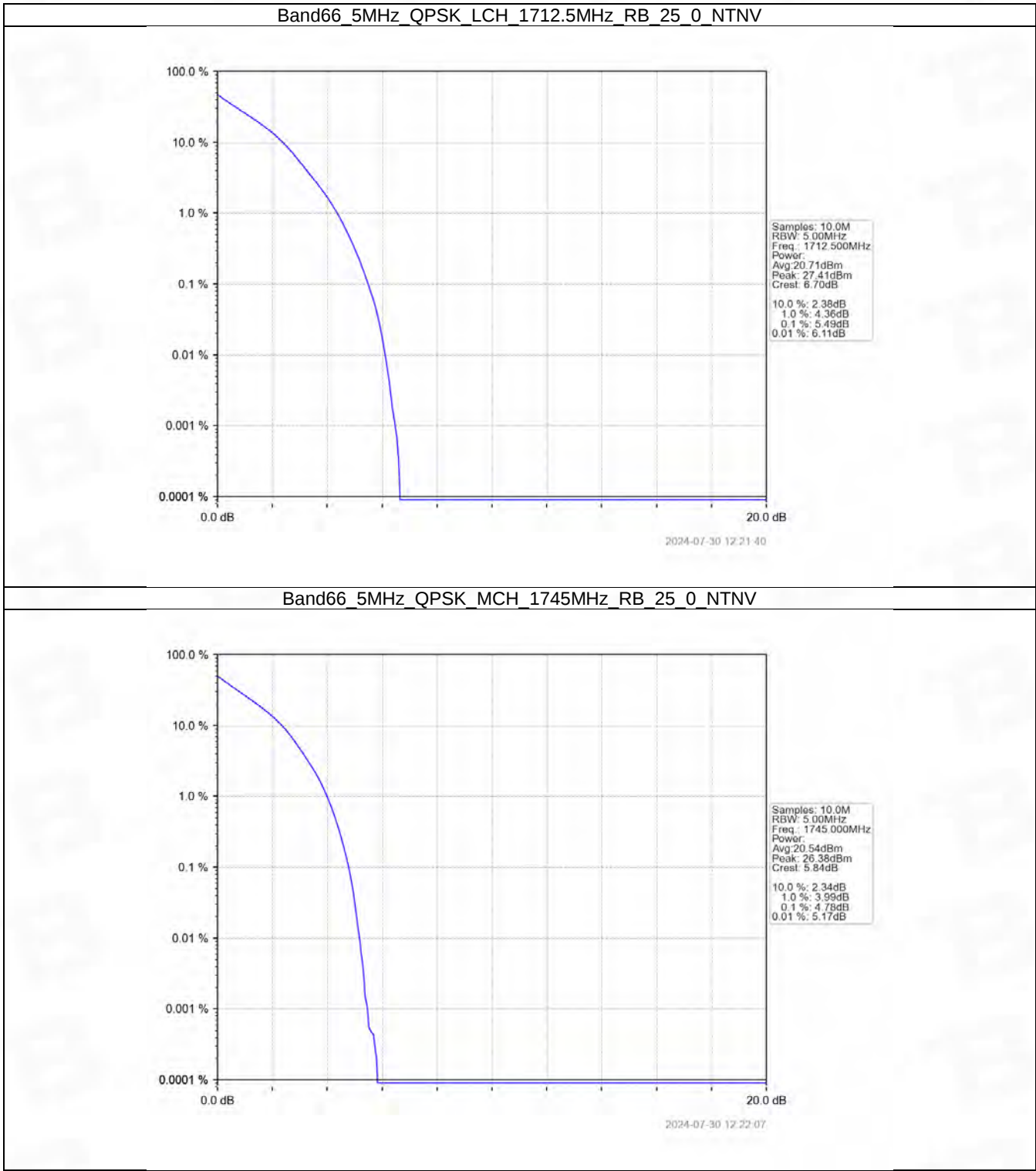
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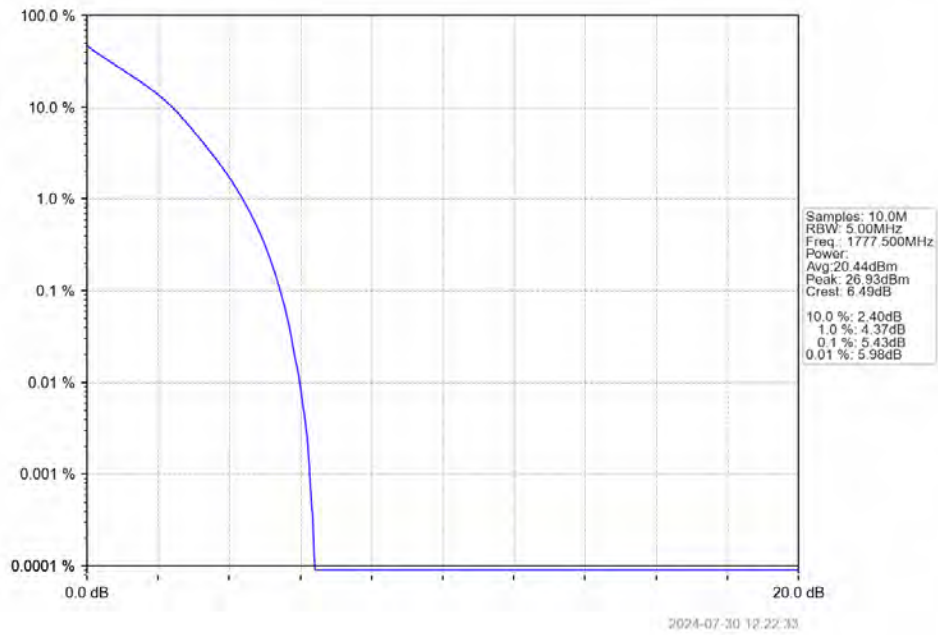
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



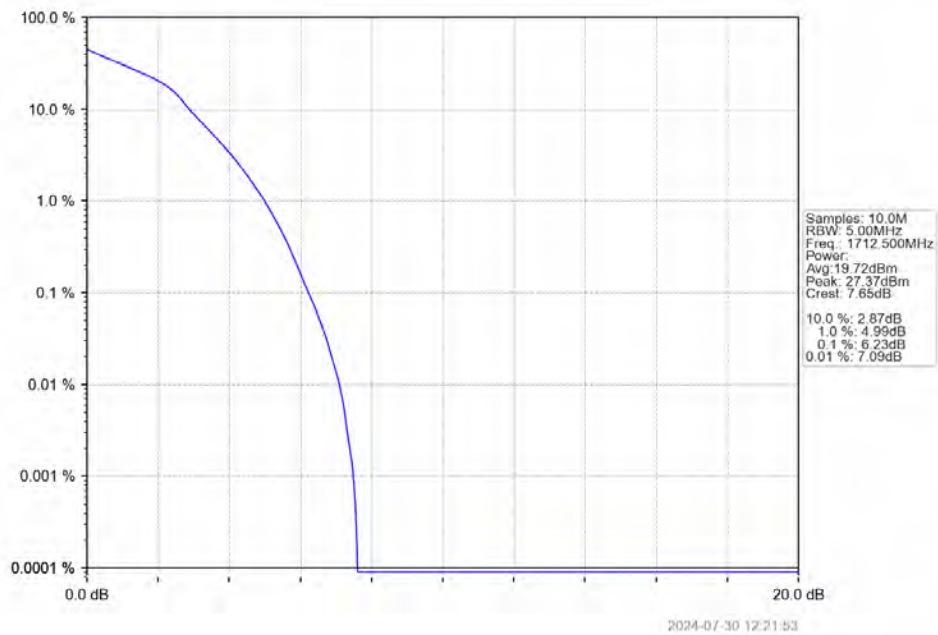
5.2.3 B66_5MHz



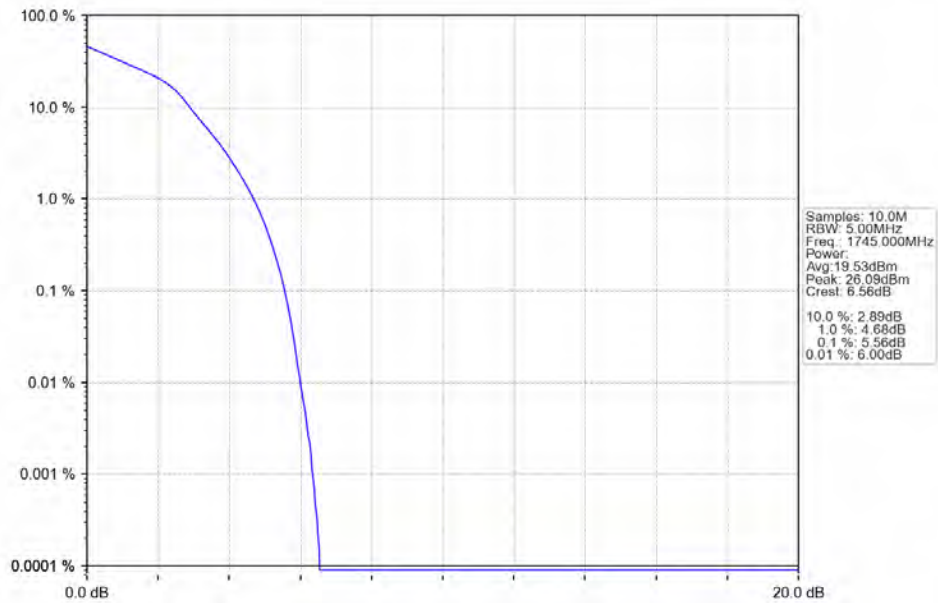
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



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

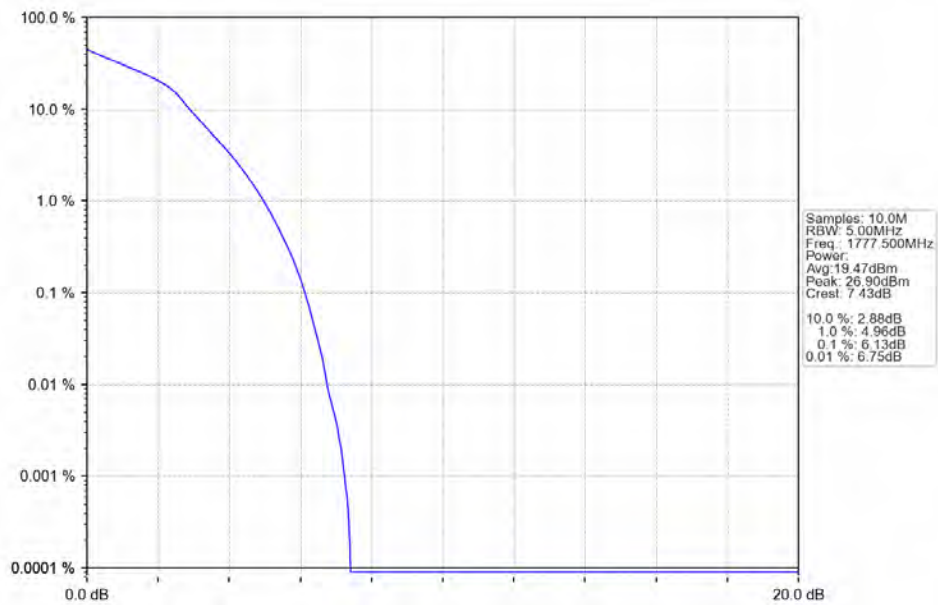


Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



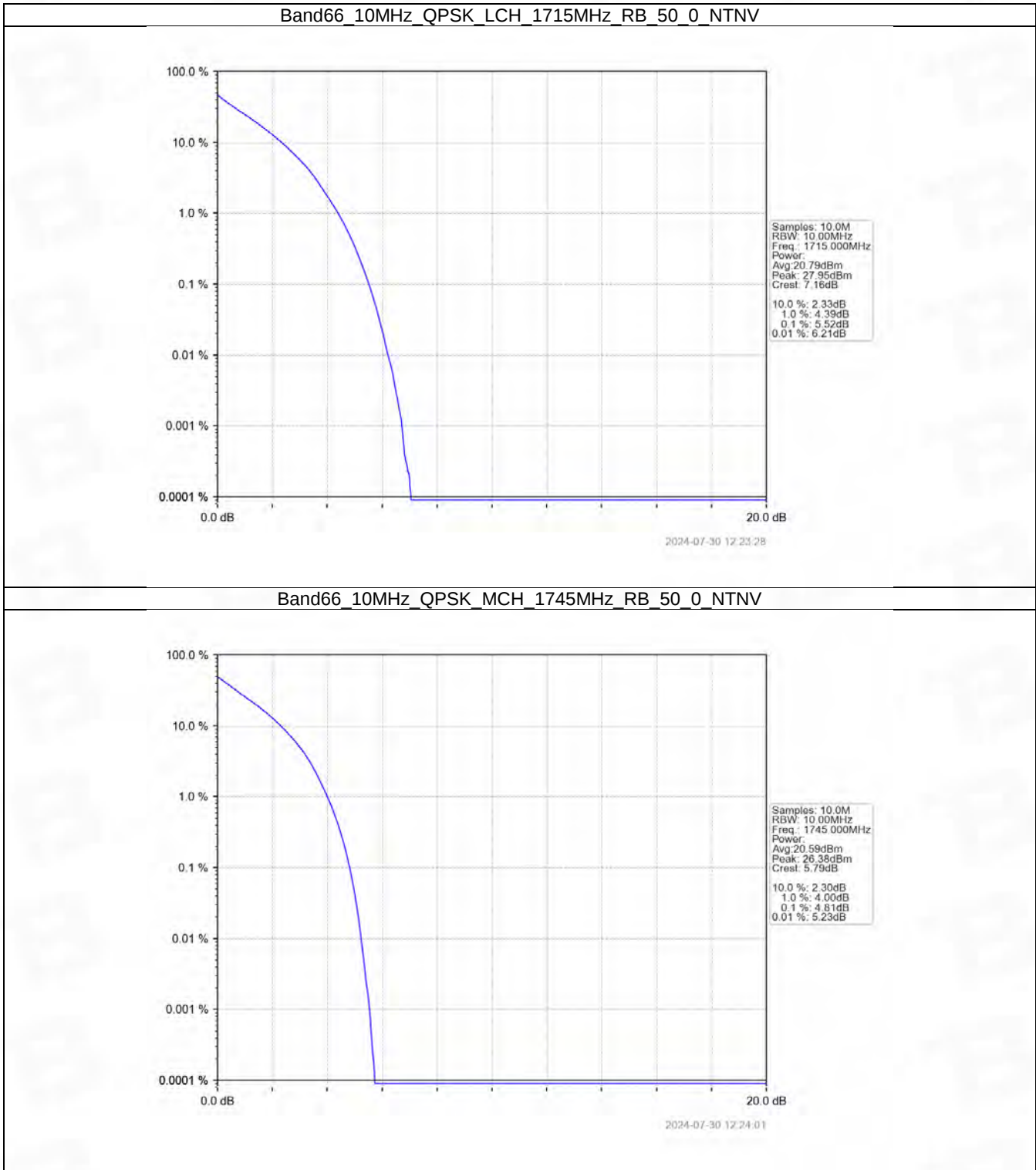
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Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV

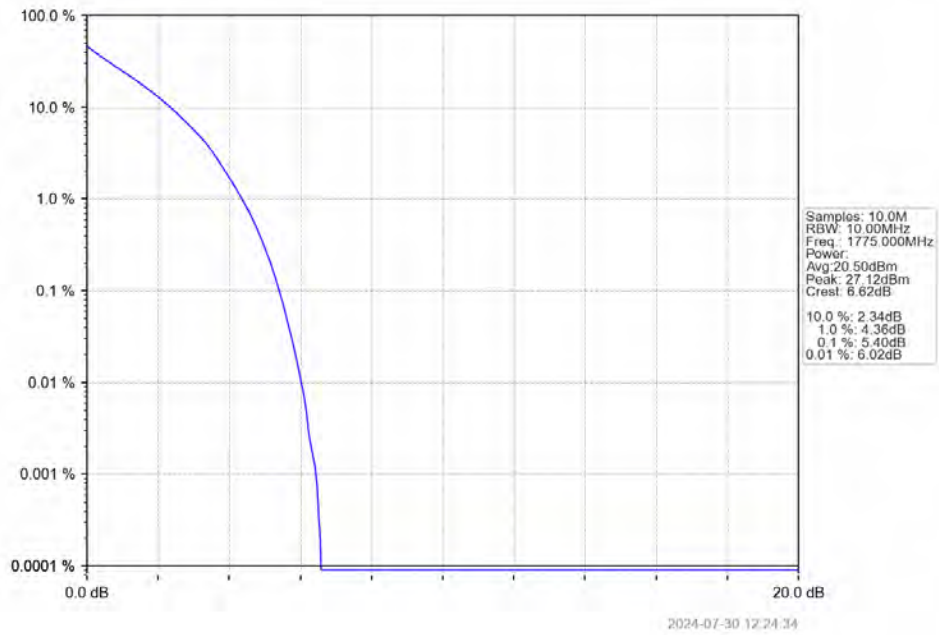


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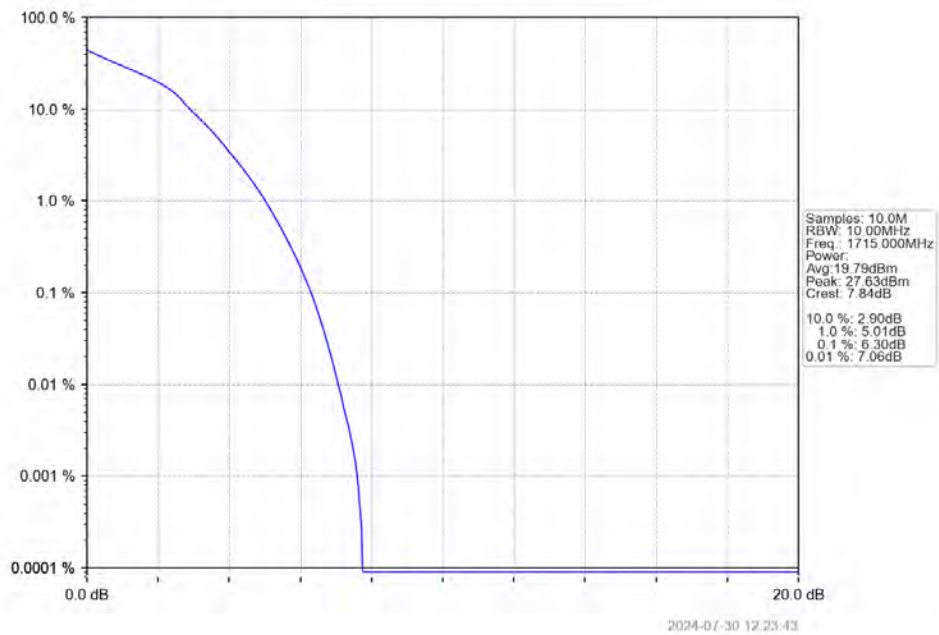
5.2.4 B66_10MHz



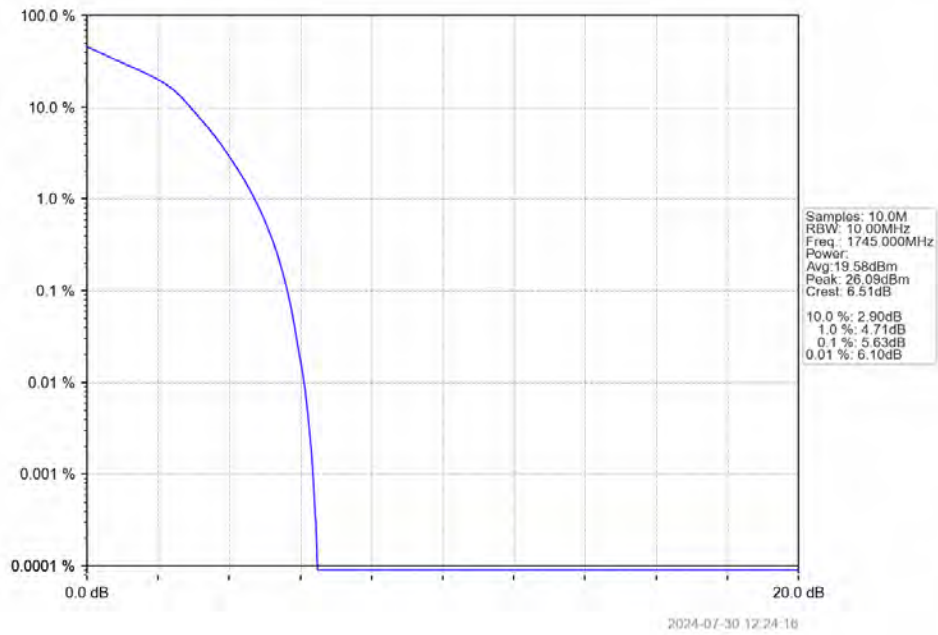
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



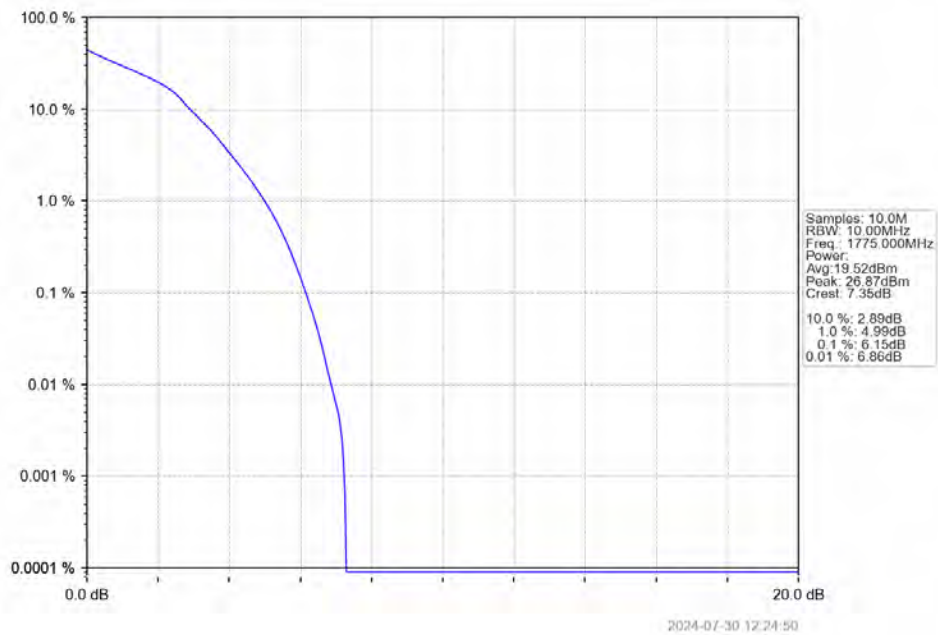
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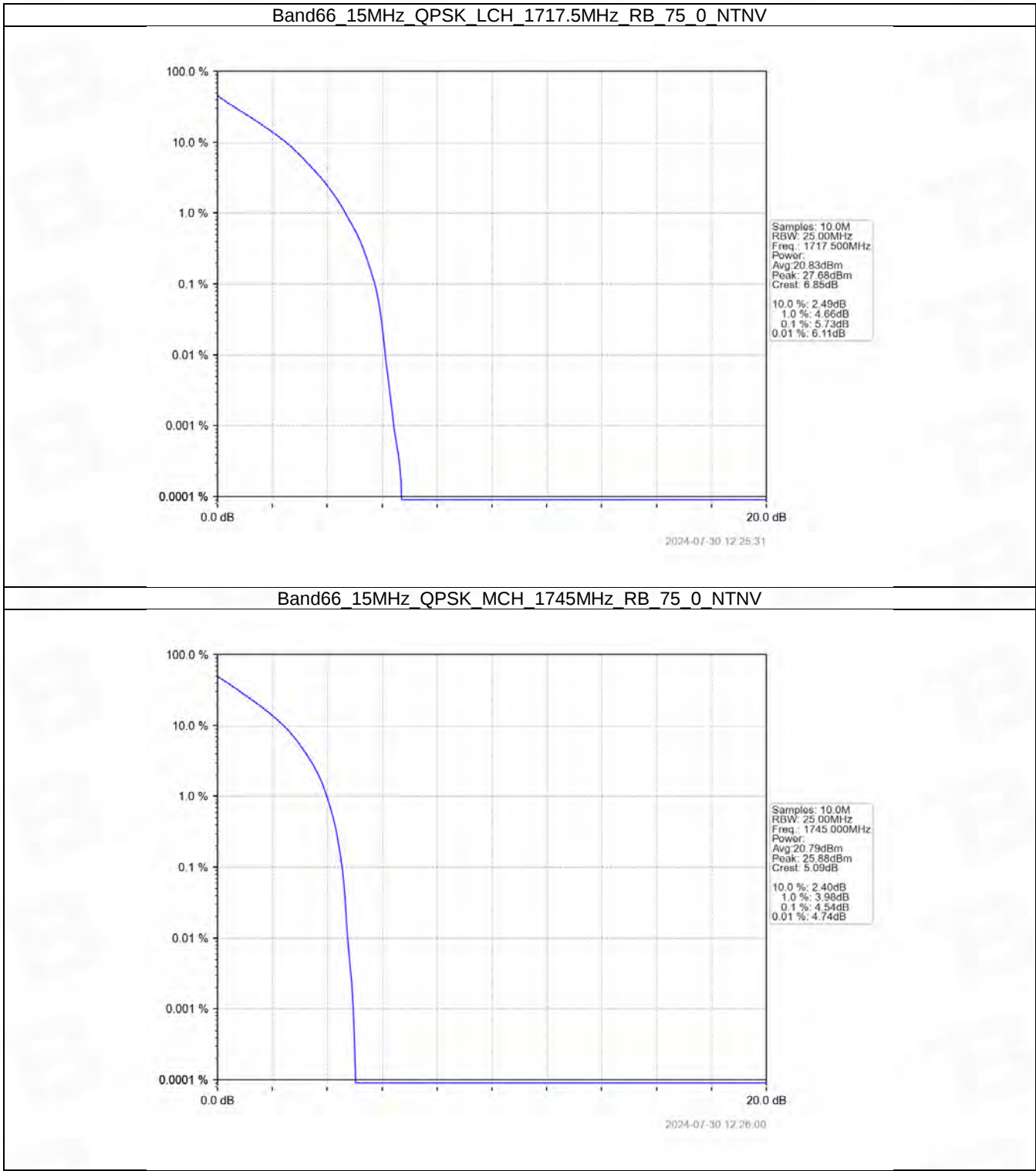
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



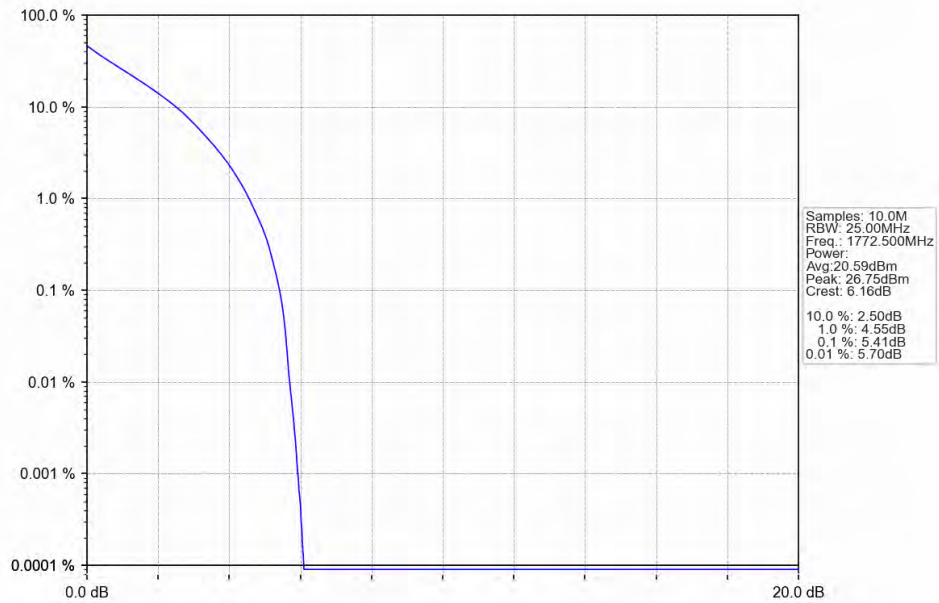
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



5.2.5 B66_15MHz

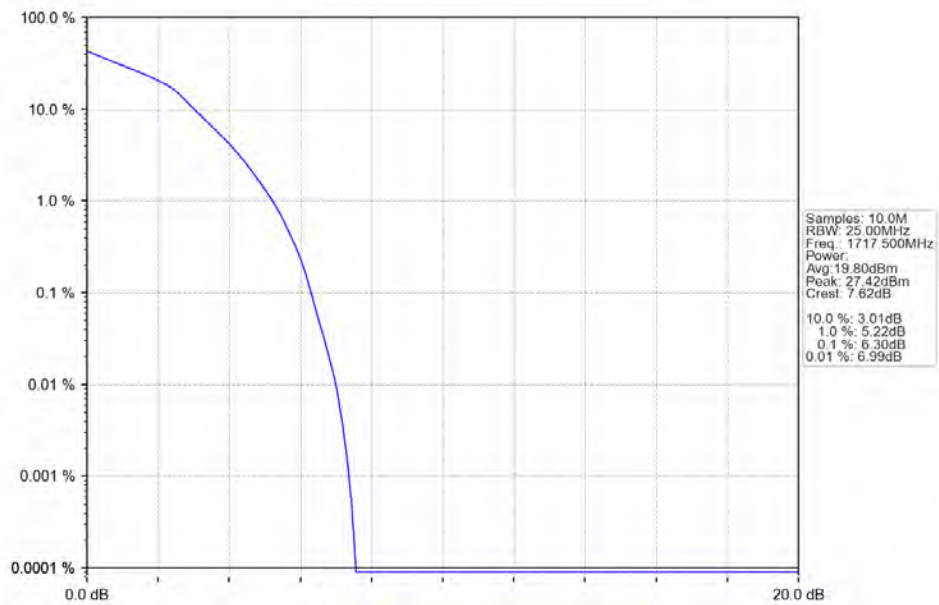


Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



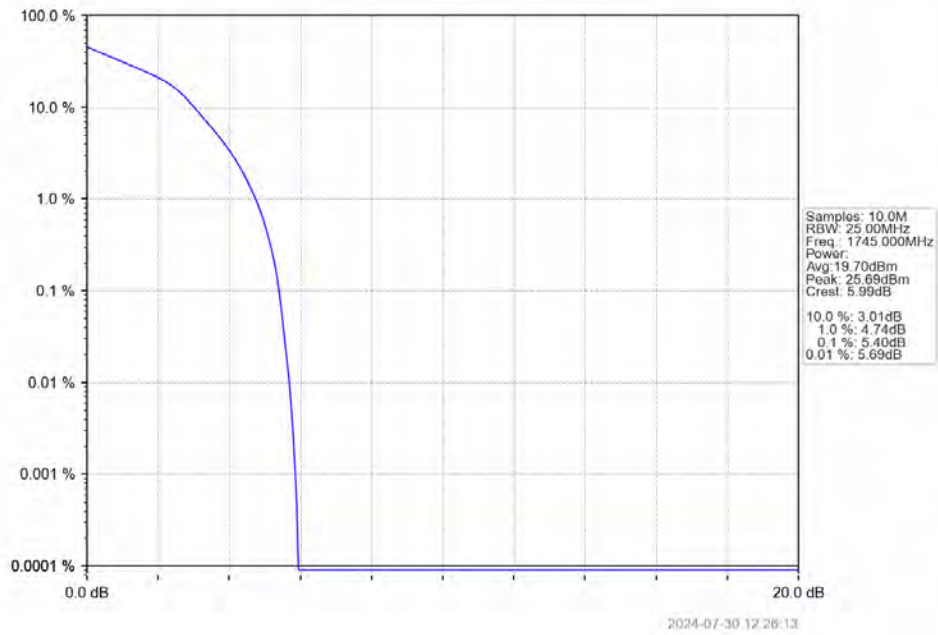
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Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN

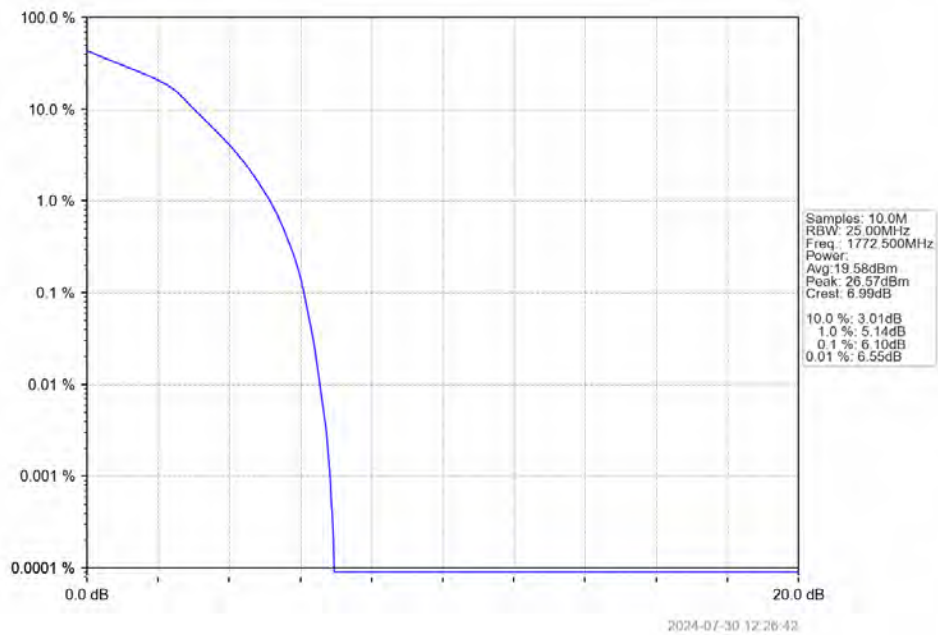


2024-07-30 12:26:44

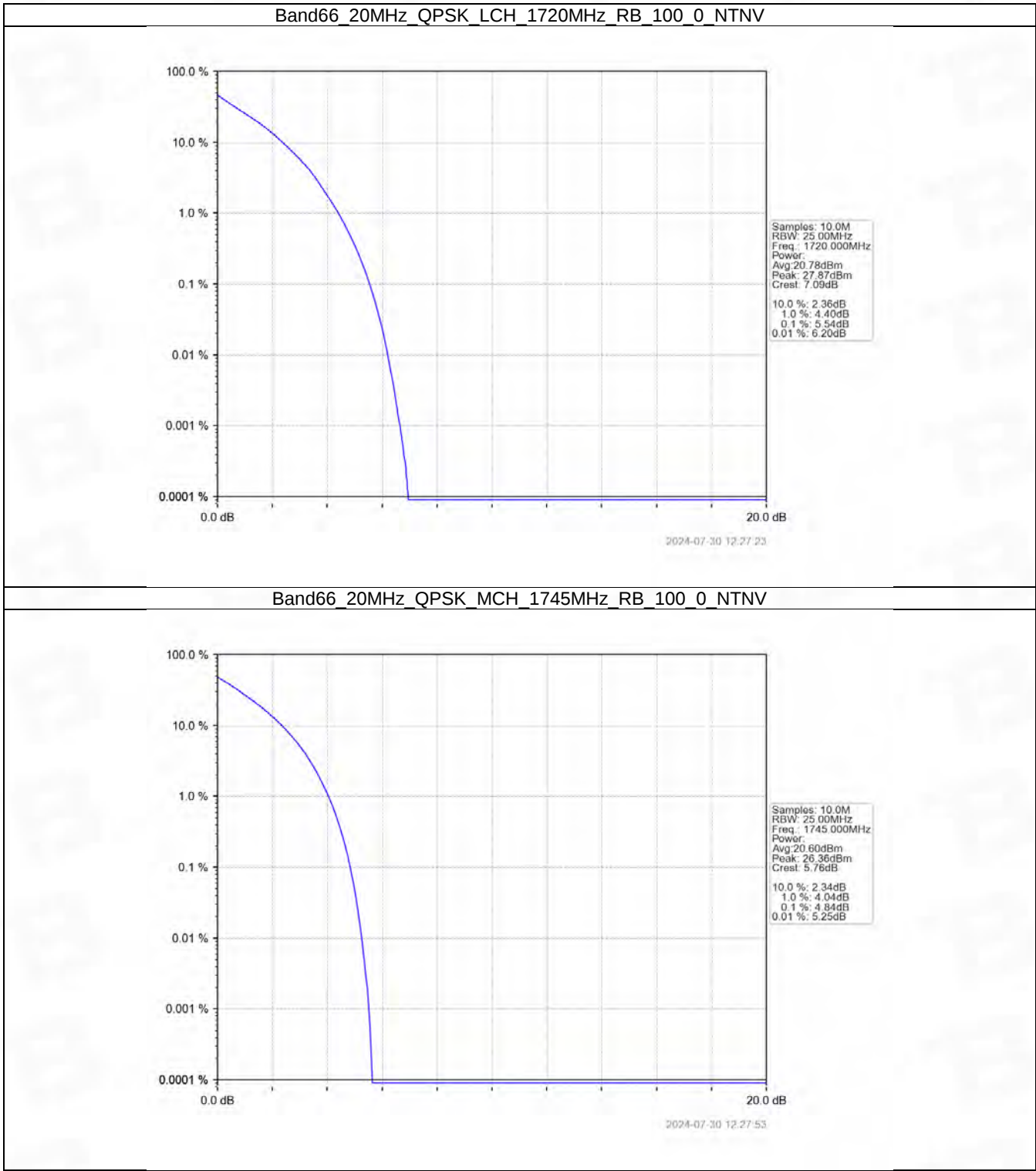
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



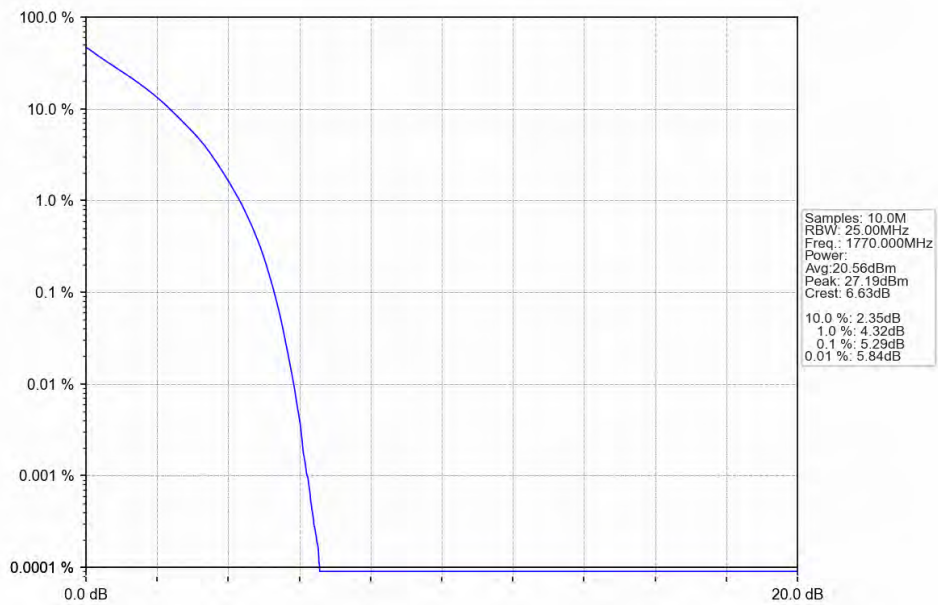
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



5.2.6 B66_20MHz

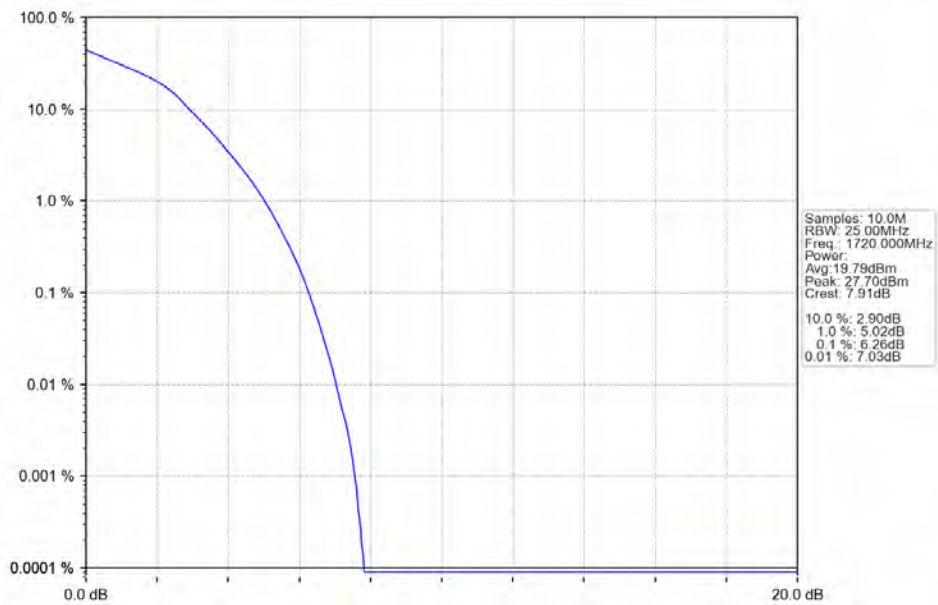


Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



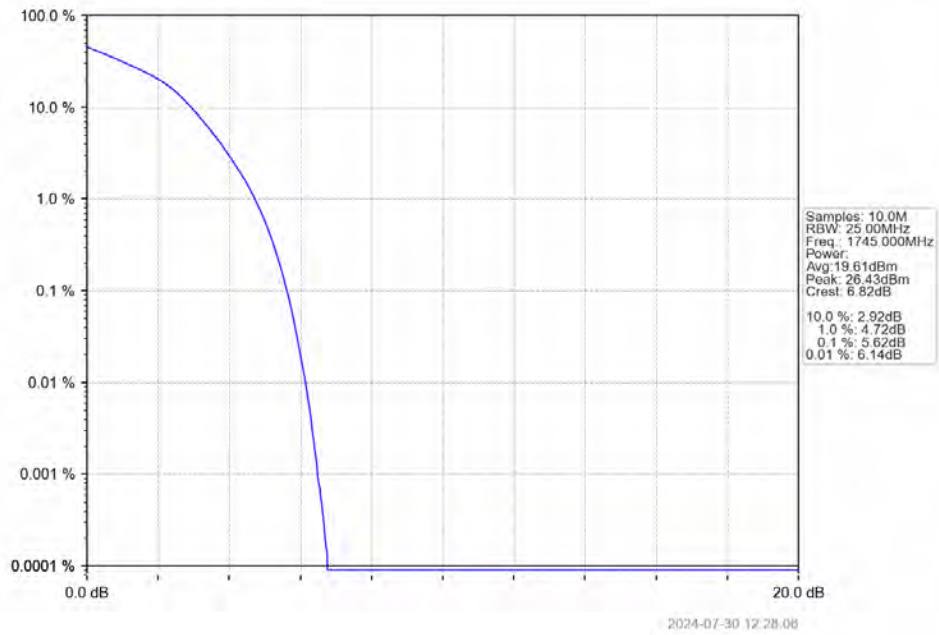
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Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

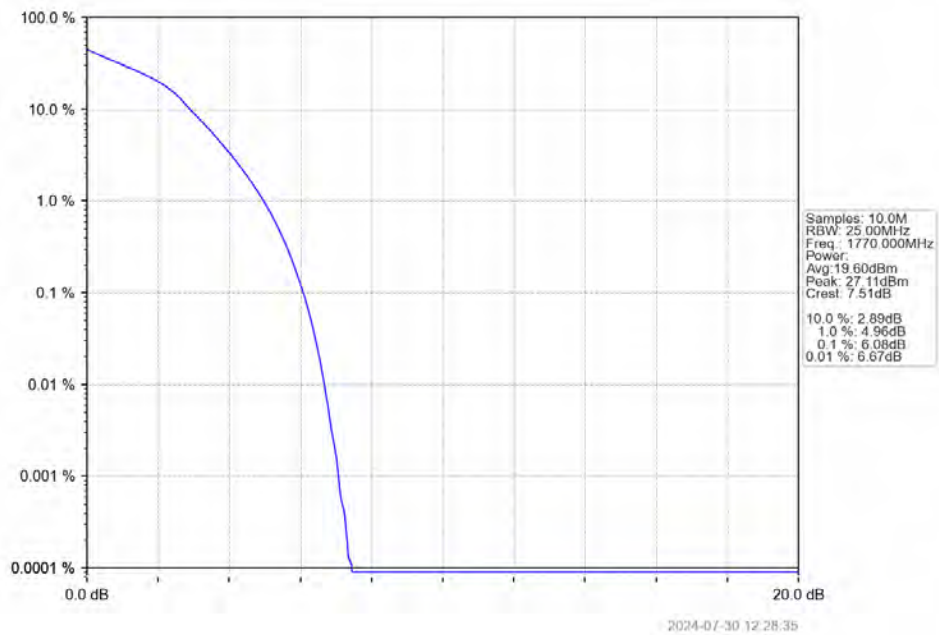


2024-07-30 12:27:36

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



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



6. Spurious Emission

6.1 Test Result

6.1.1 B66_1.4MHz

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
			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
			0	Refer To Test Graph		Pass

6.1.2 B66_3MHz

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

6.1.3 B66_5MHz

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

	1745	25	0	Refer To Test Graph	Pass
		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

6.1.4 B66_10MHz

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

6.1.5 B66_15MHz

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

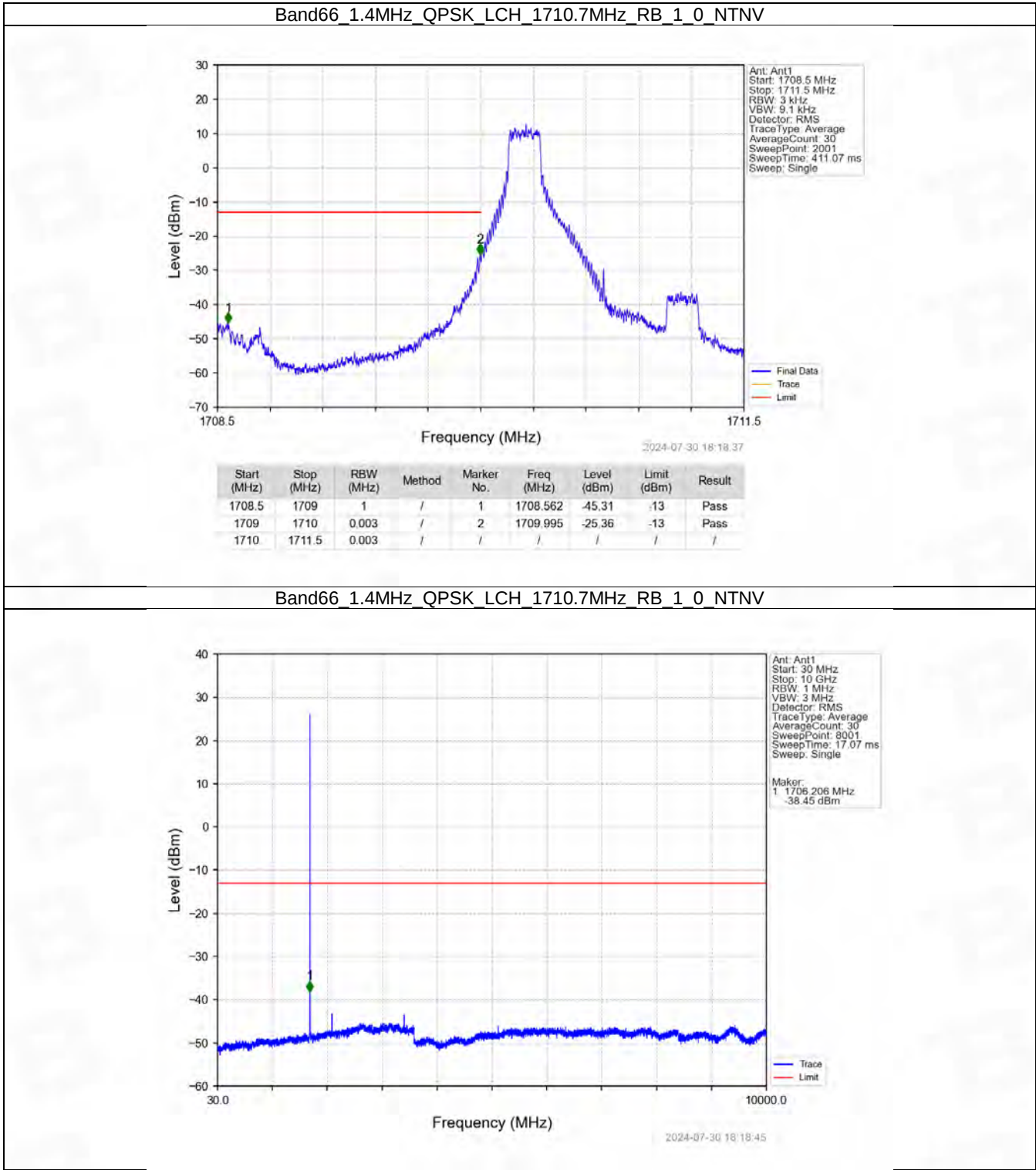
6.1.6 B66_20MHz

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

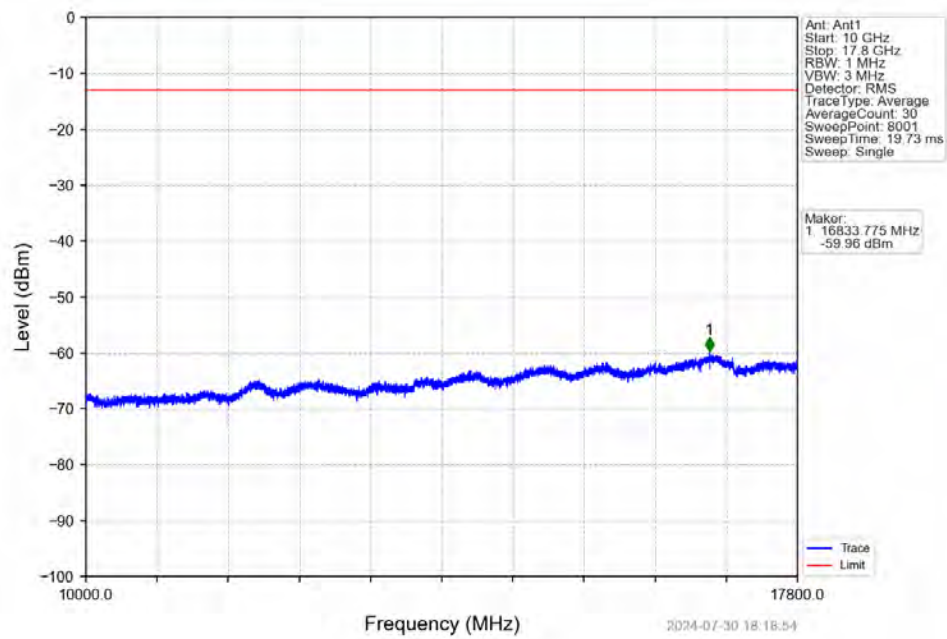
		100	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
	1770	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

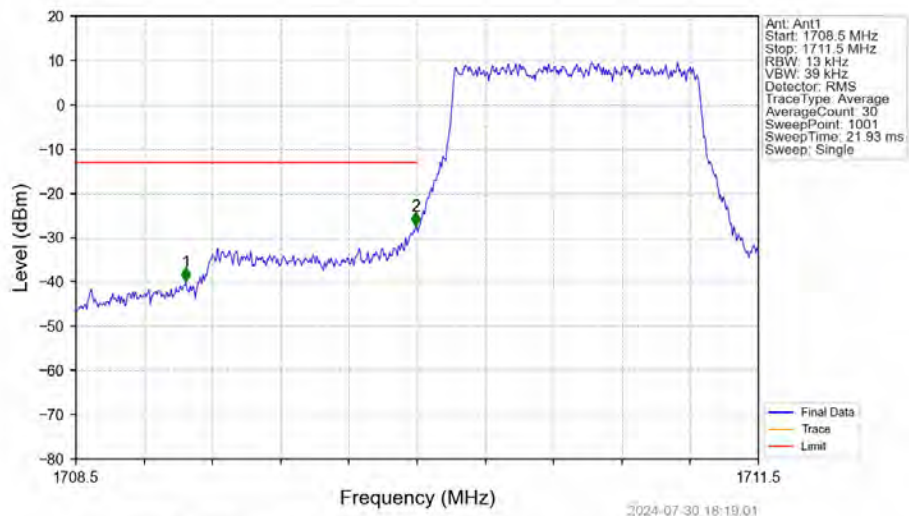
6.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

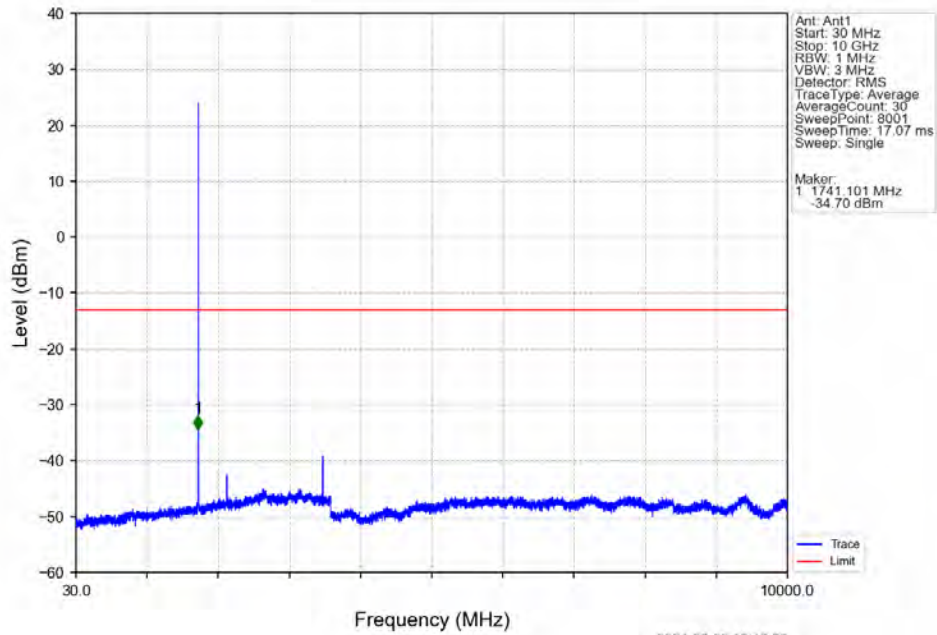


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

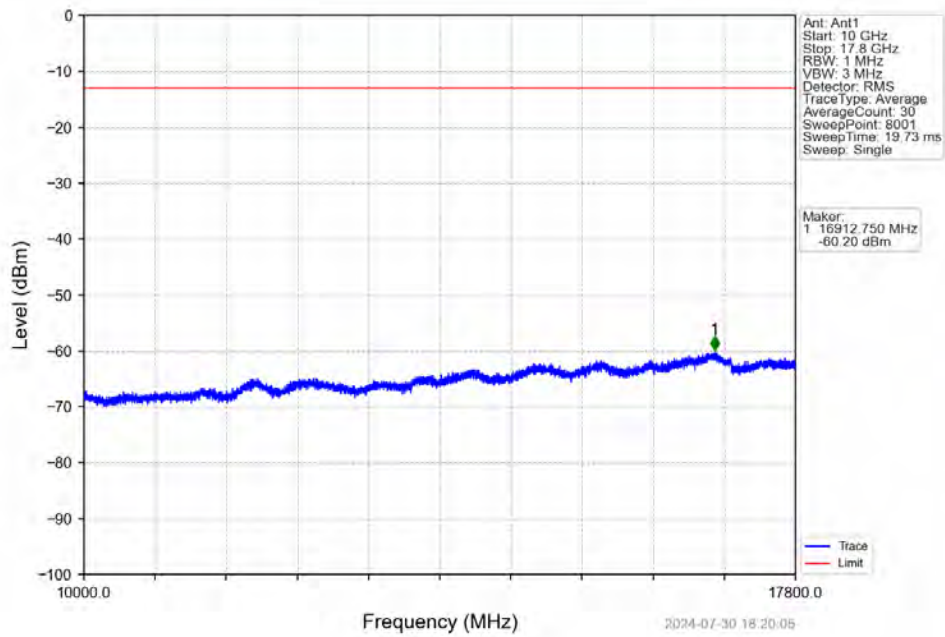


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.983	-39.95	-13	Pass
1709	1710	0.013	/	2	1709.994	-27.38	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

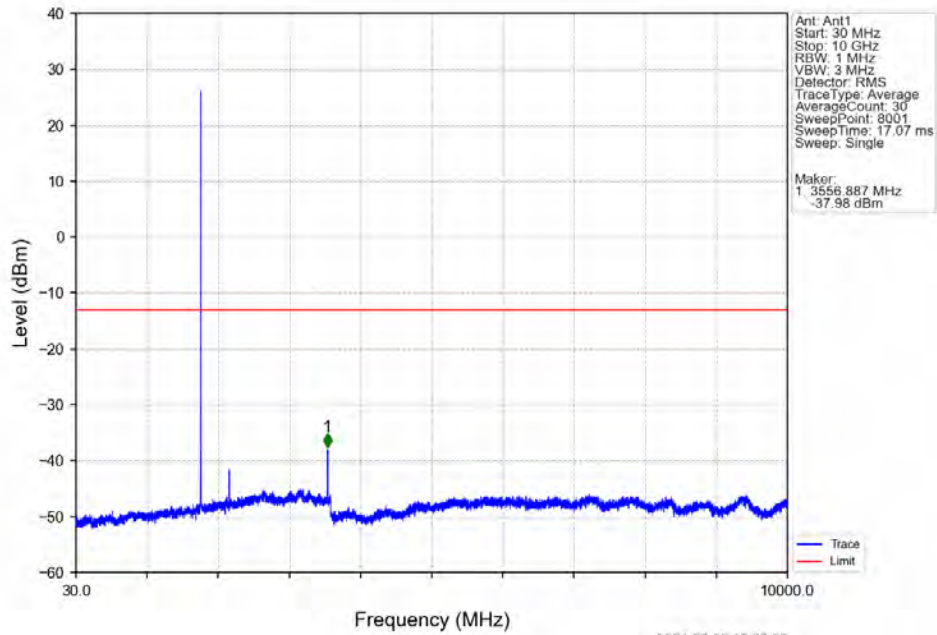
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



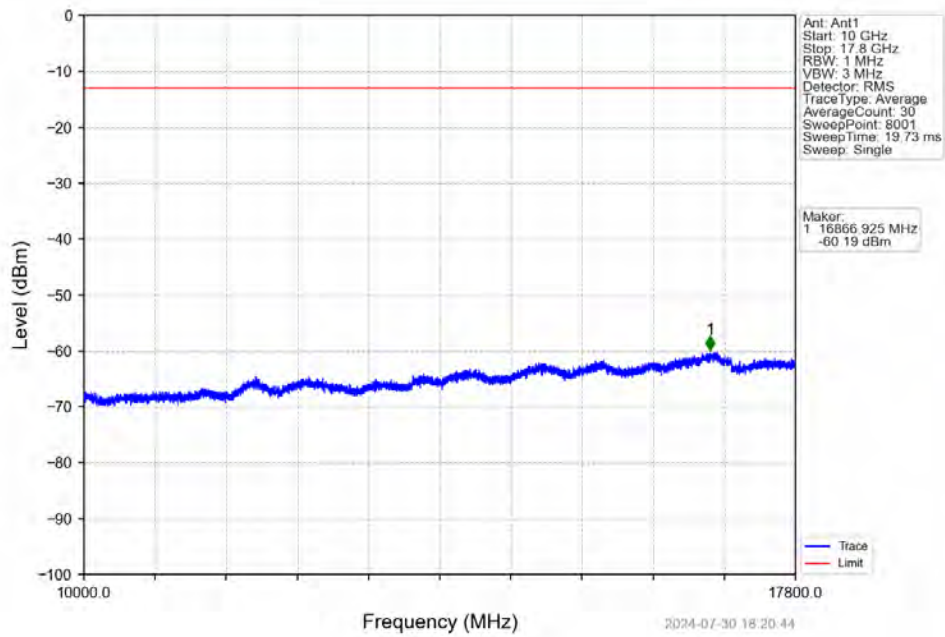
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



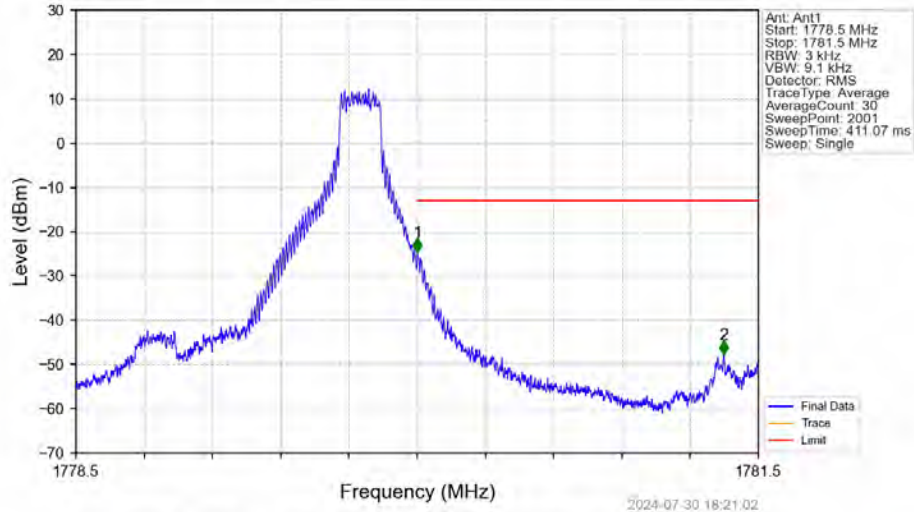
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



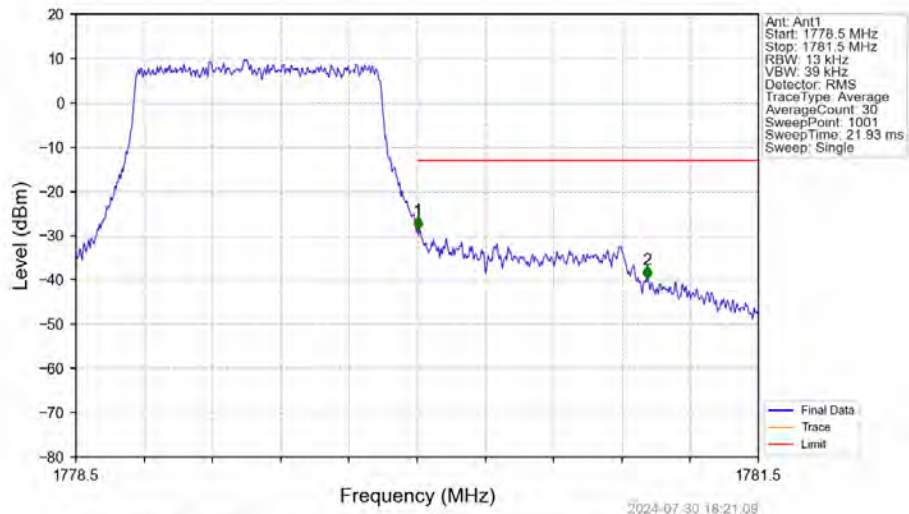
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



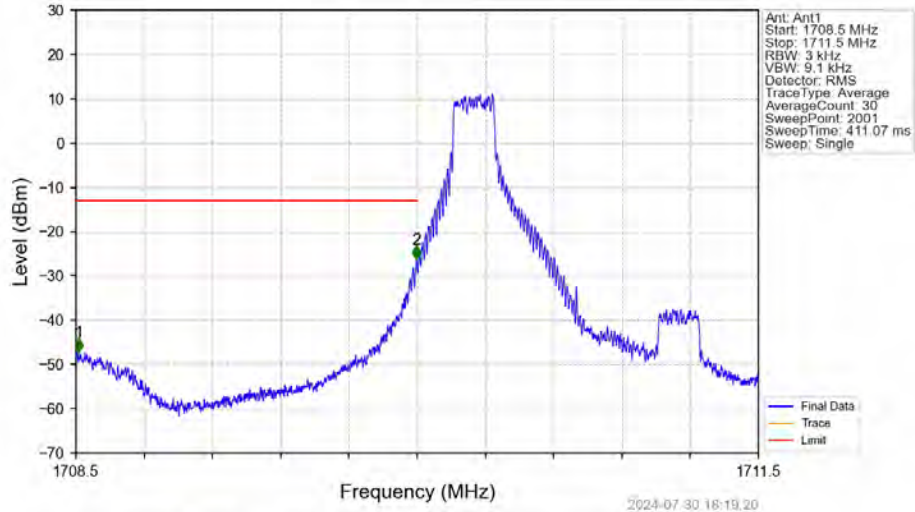
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



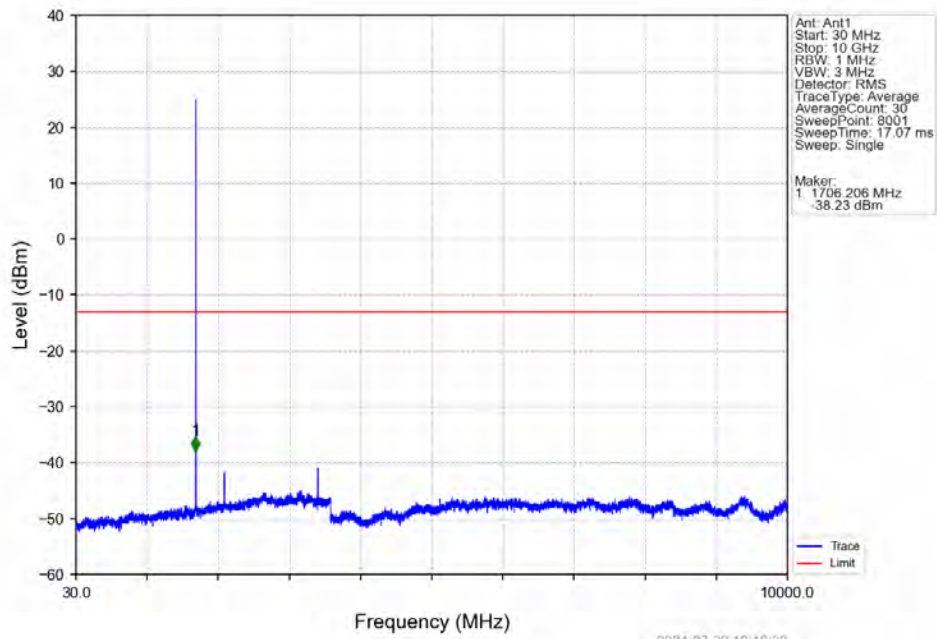
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



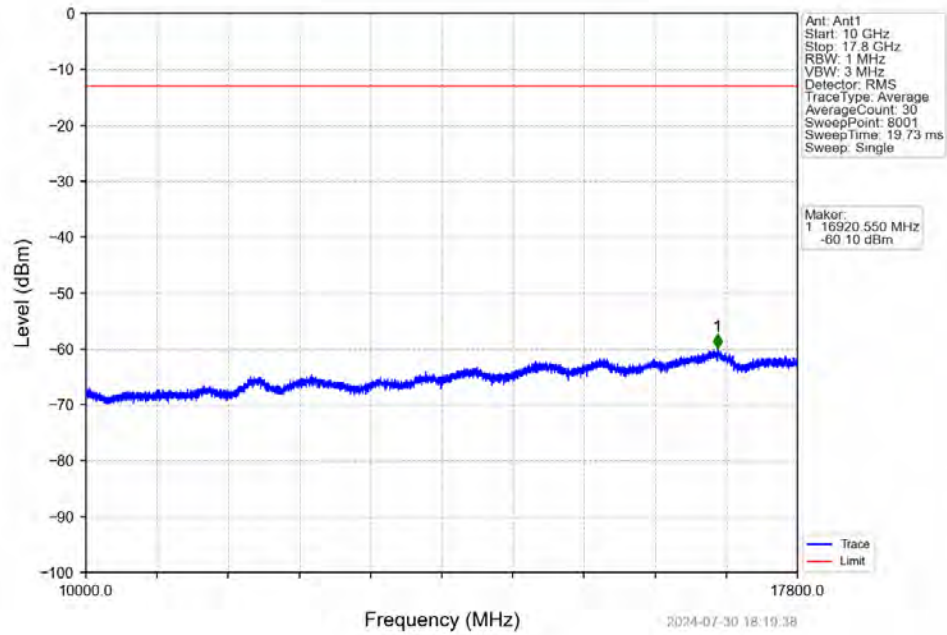
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



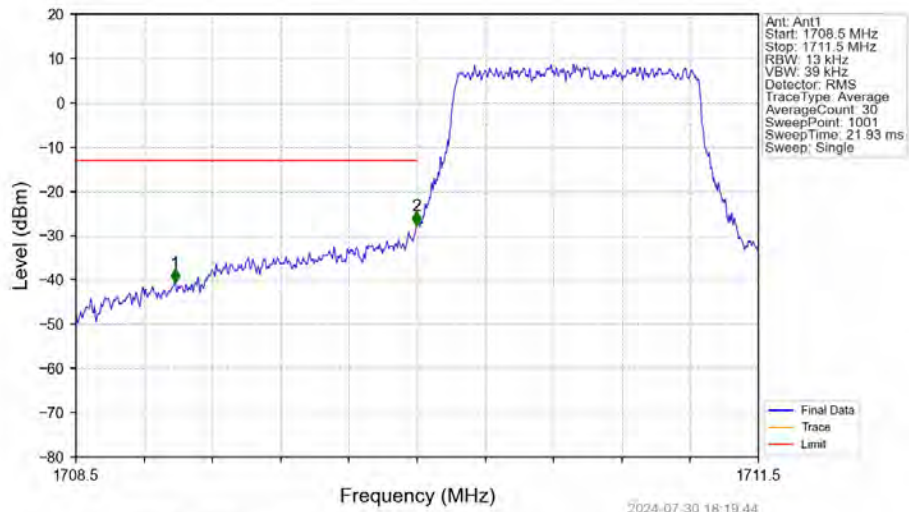
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



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

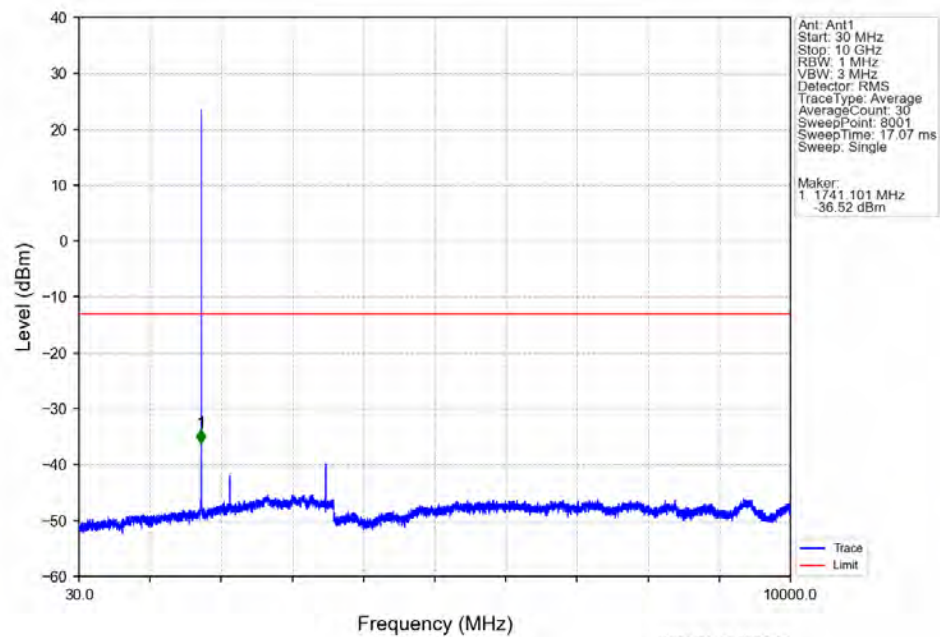


Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

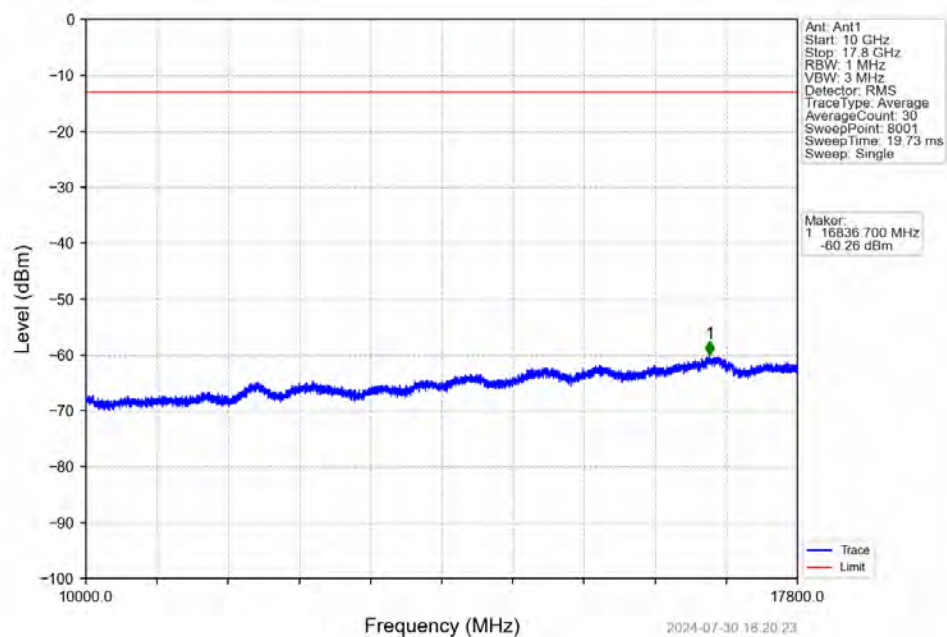


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.935	-40.57	-13	Pass
1709	1710	0.013	/	2	1709.997	-27.66	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

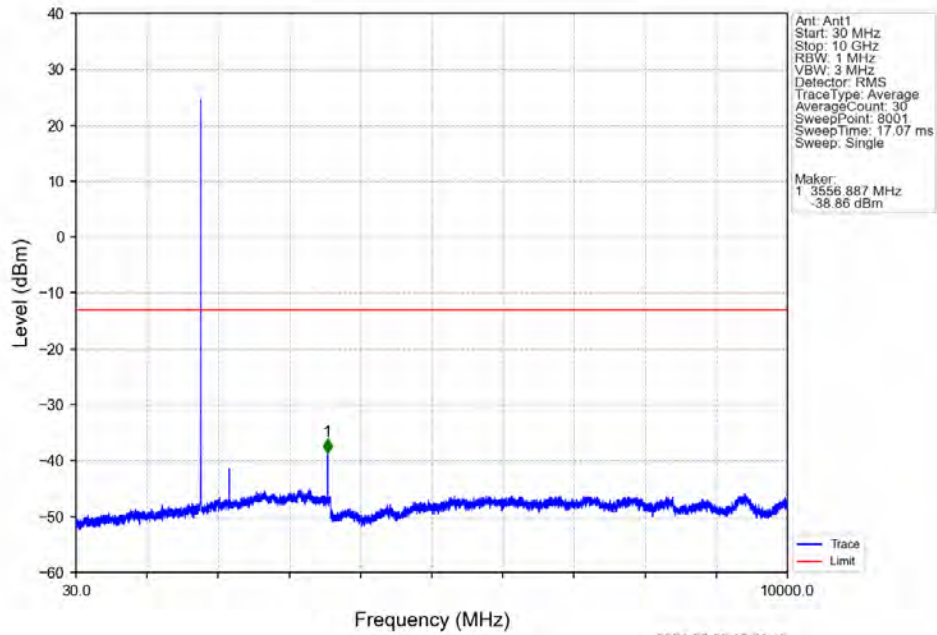
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTNV



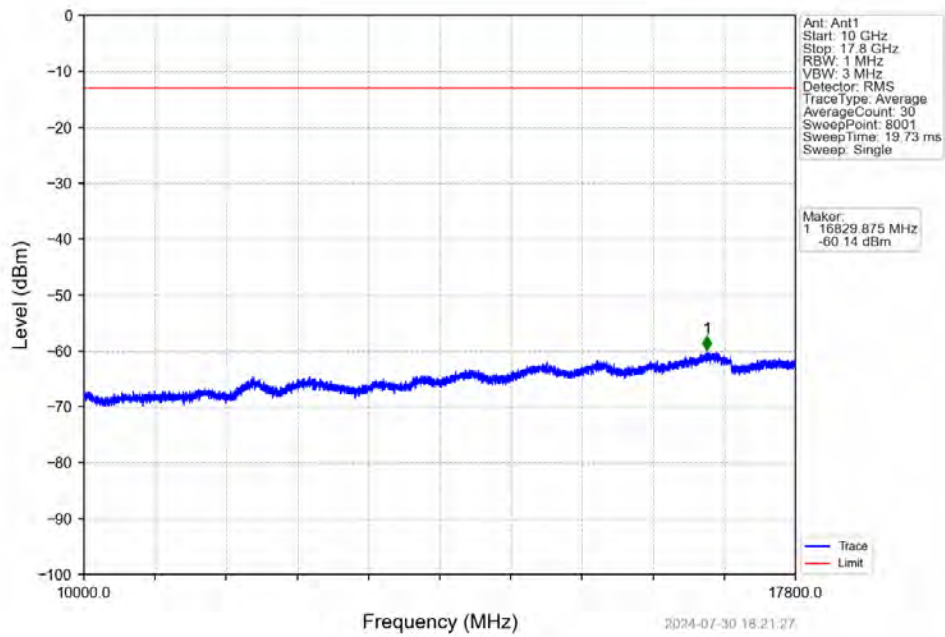
Band66 1.4MHz 16QAM MCH 1745MHz RB 1 0 NTNV



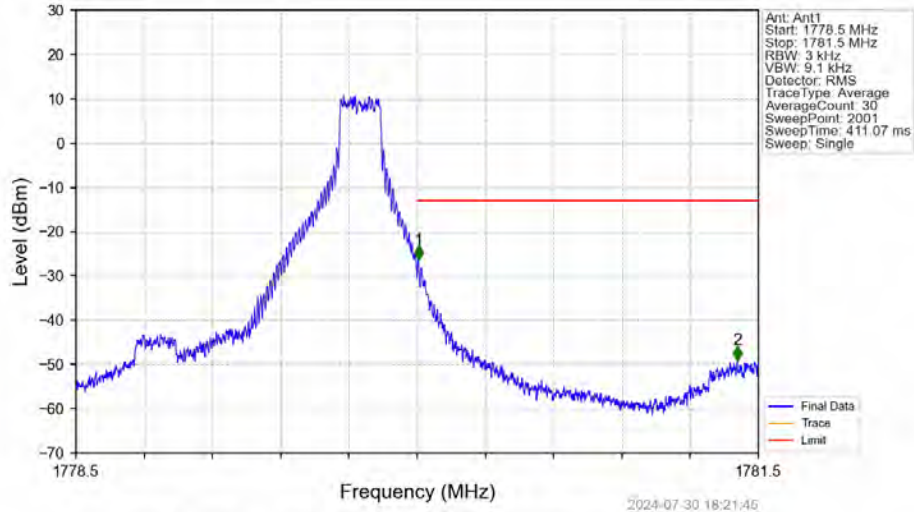
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



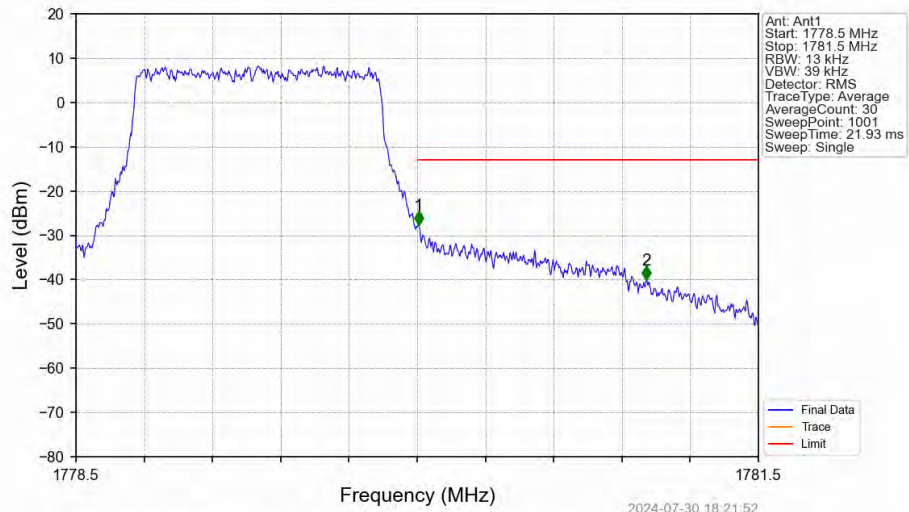
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 0 NTNV



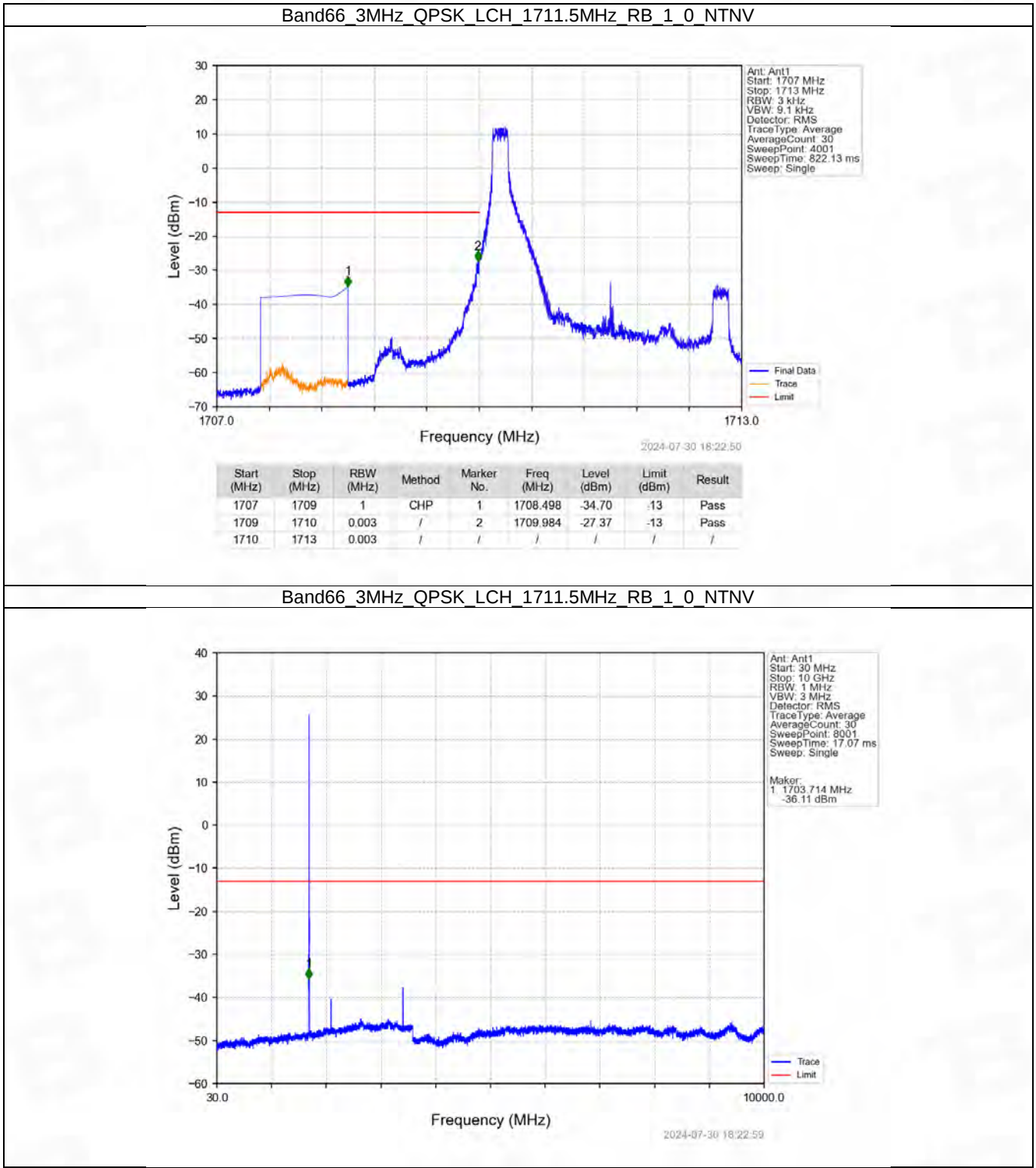
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 1 5 NTNV



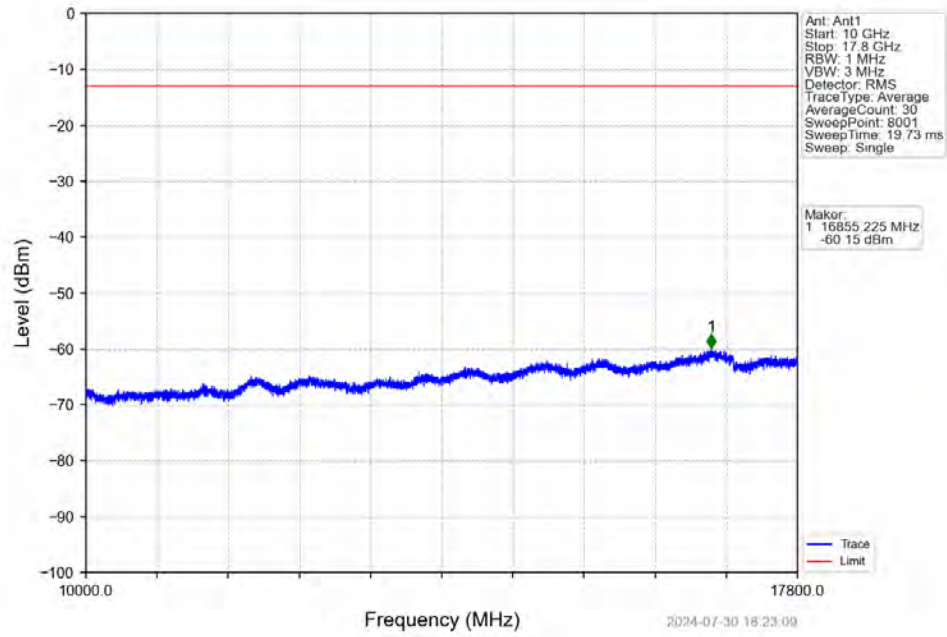
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



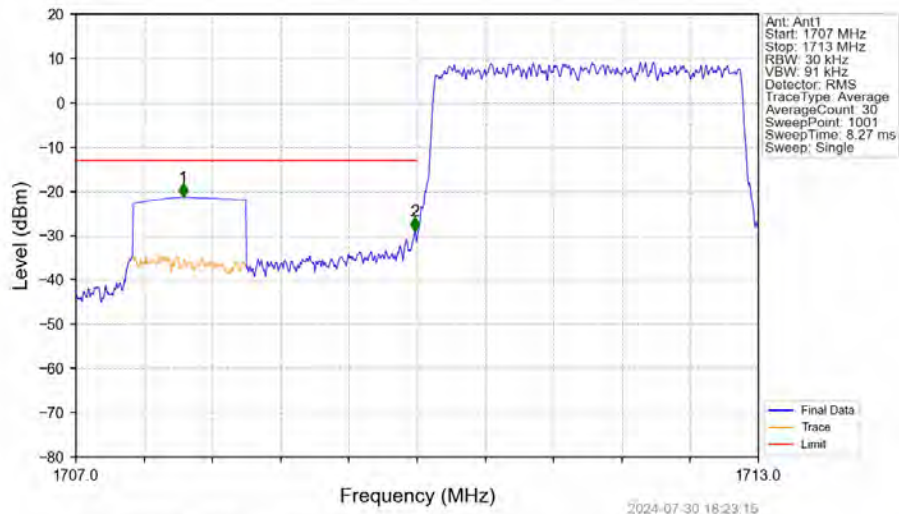
6.2.2 B66_3MHz



Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTV

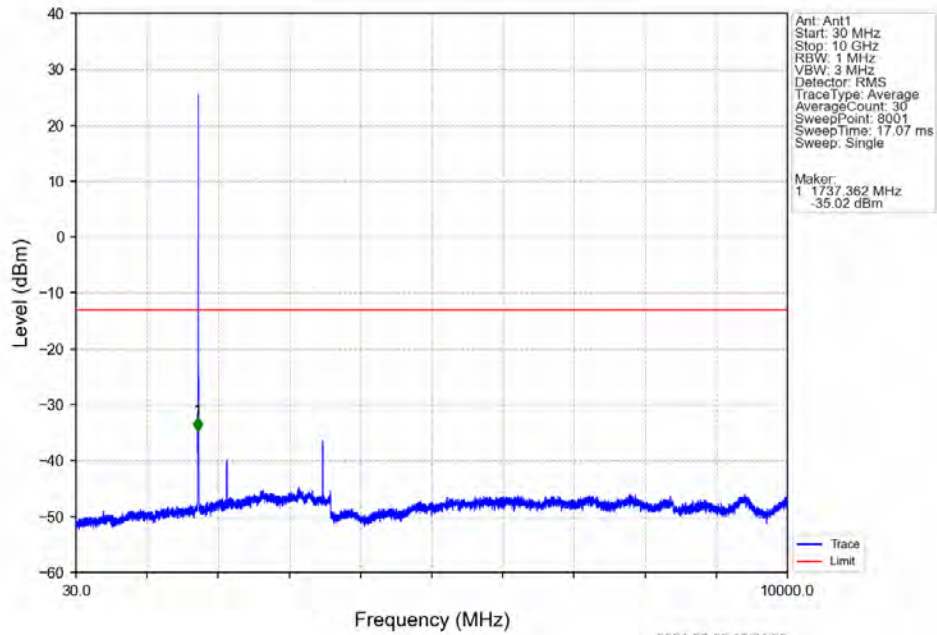


Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV

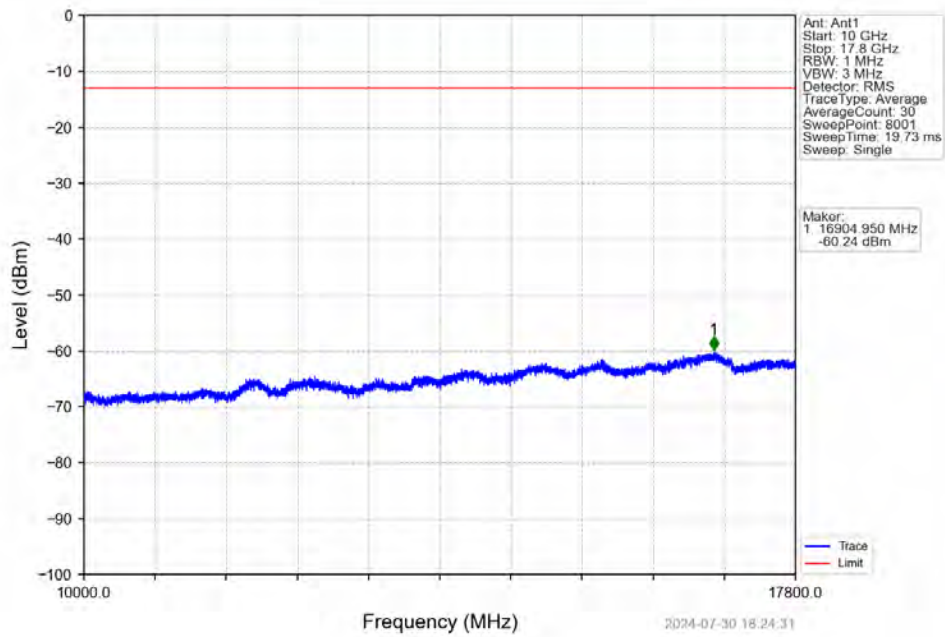


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.942	-21.33	-13	Pass
1709	1710	0.03	/	2	1709.982	-28.88	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

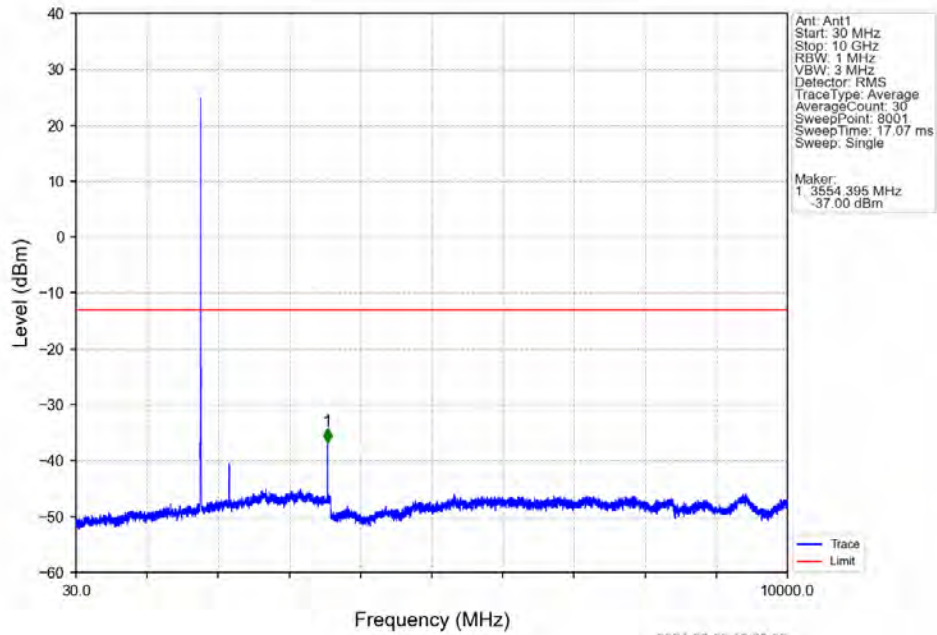
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



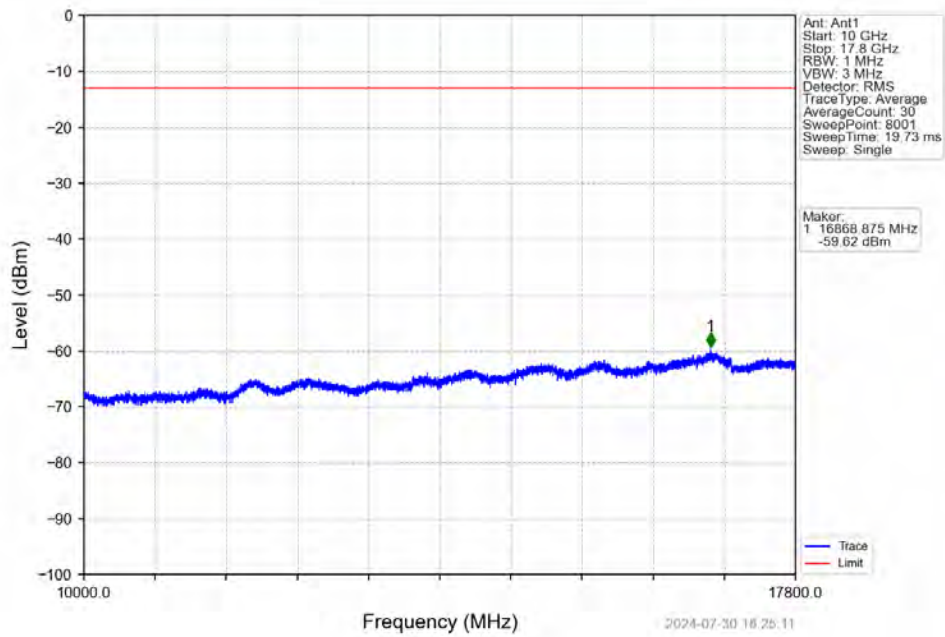
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTNV



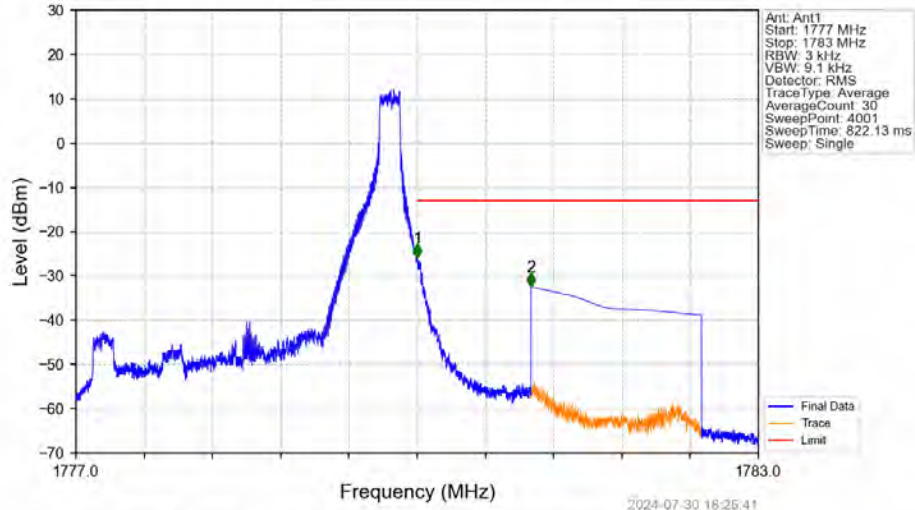
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV

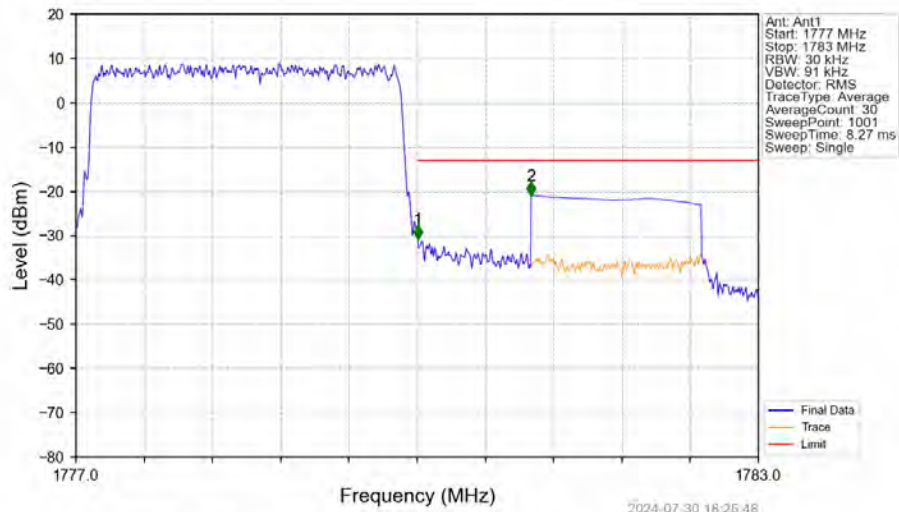


Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTNV



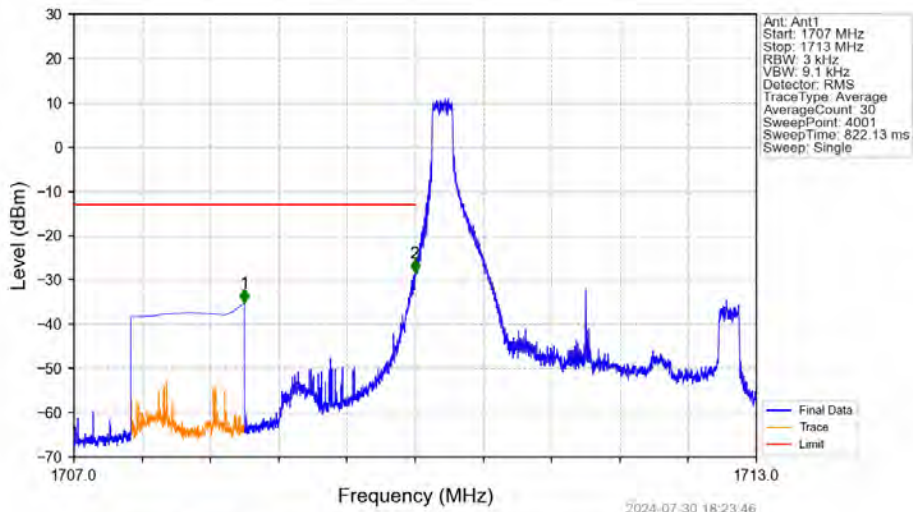
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-25.84	-13	Pass
1781	1783	1	CHP	2	1781.001	-32.41	-13	Pass

Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV

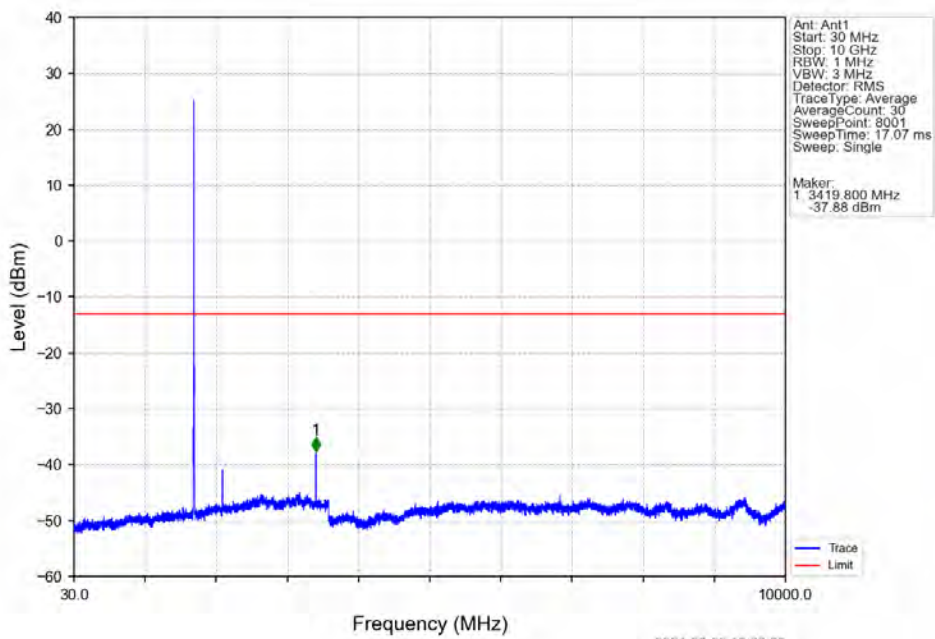


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.006	-30.75	-13	Pass
1781	1783	1	CHP	2	1781.002	-20.92	-13	Pass

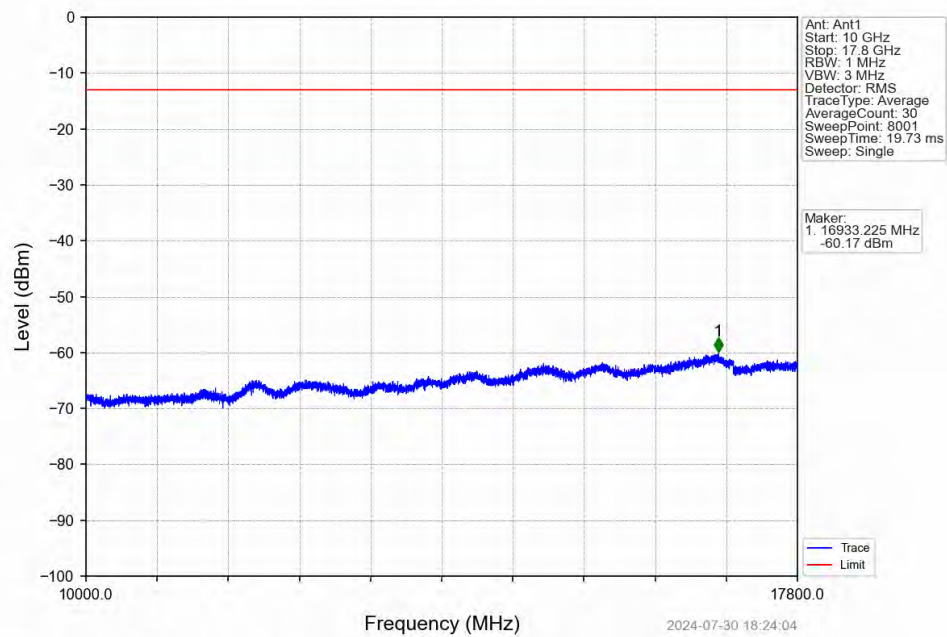
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



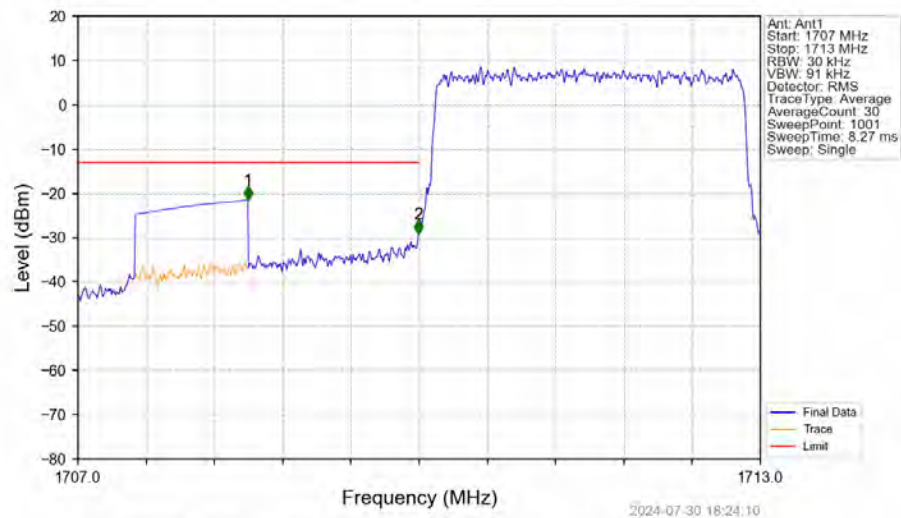
Band66 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



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

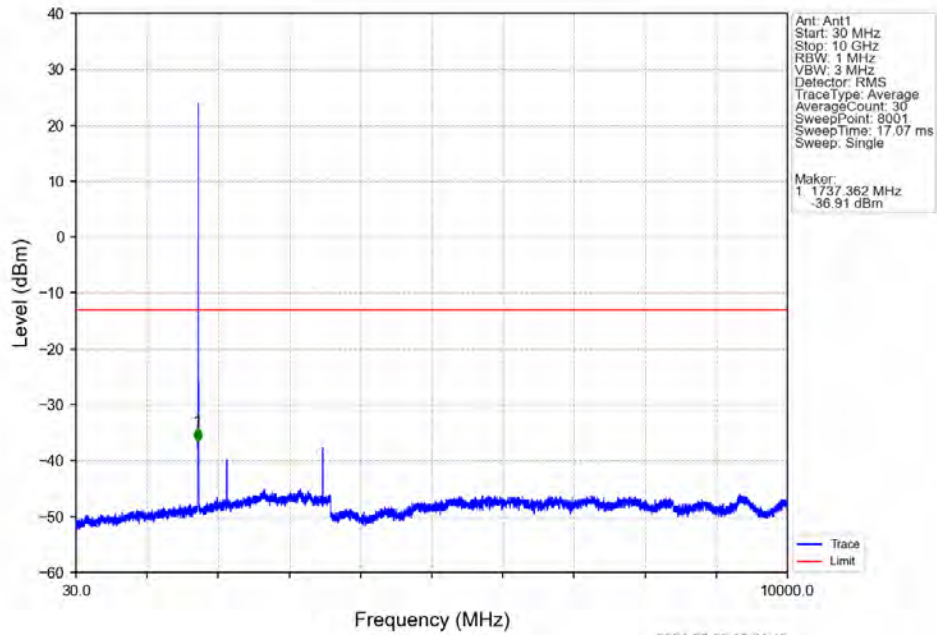


Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV

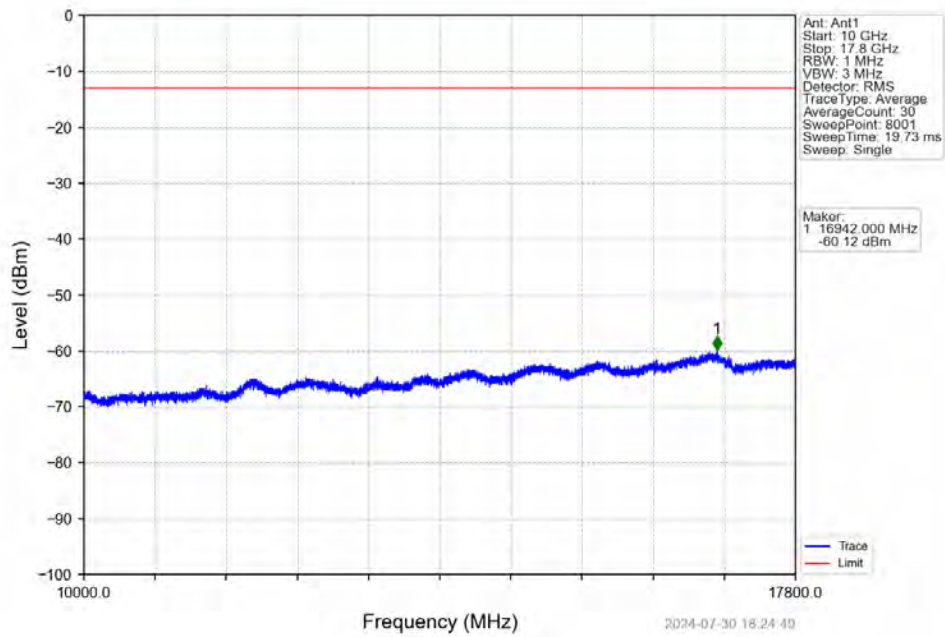


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-21.48	-13	Pass
1709	1710	0.03	/	2	1709.994	-29.07	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

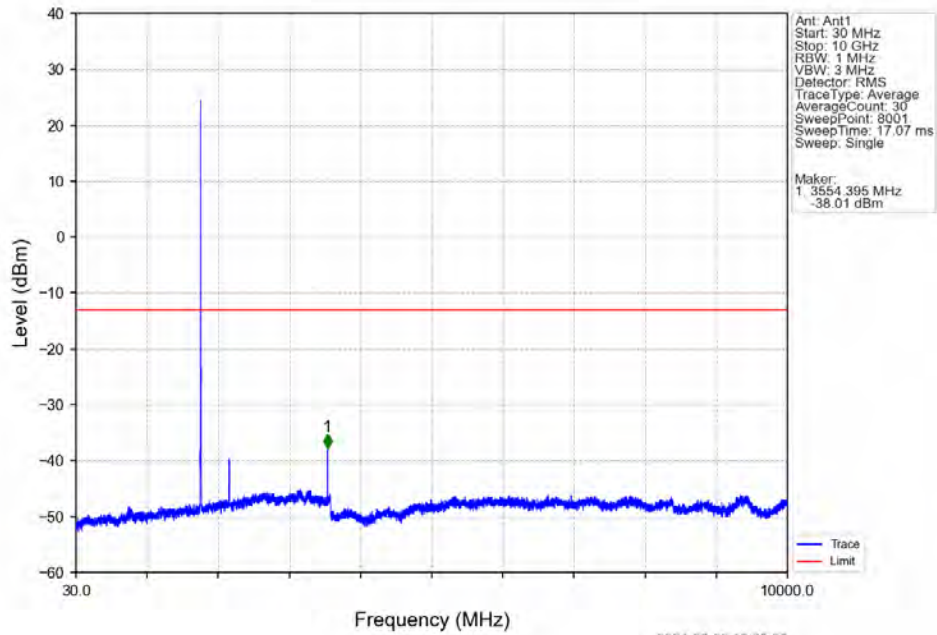
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



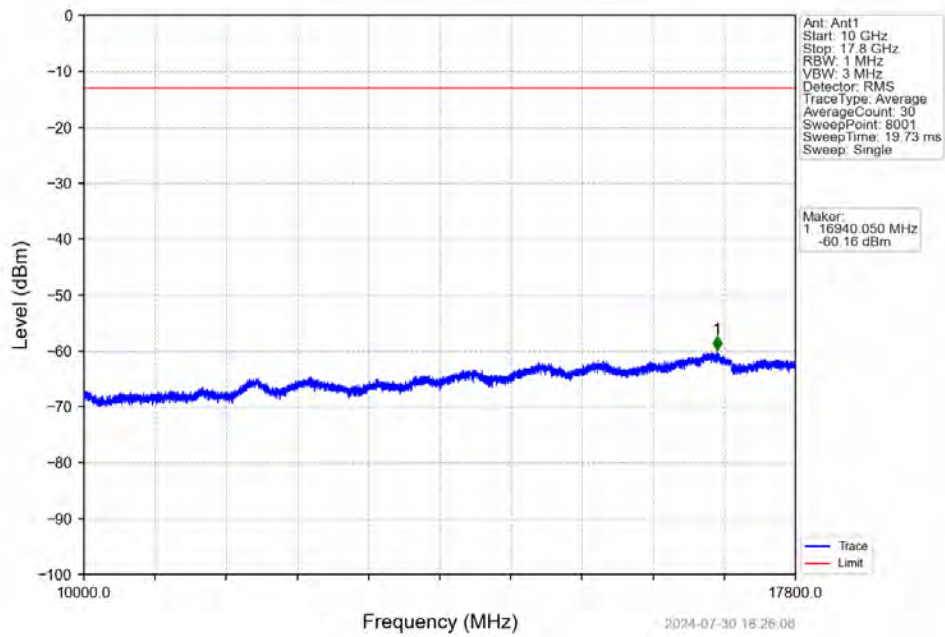
Band66 3MHz 16QAM MCH 1745MHz RB 1 0 NTNV



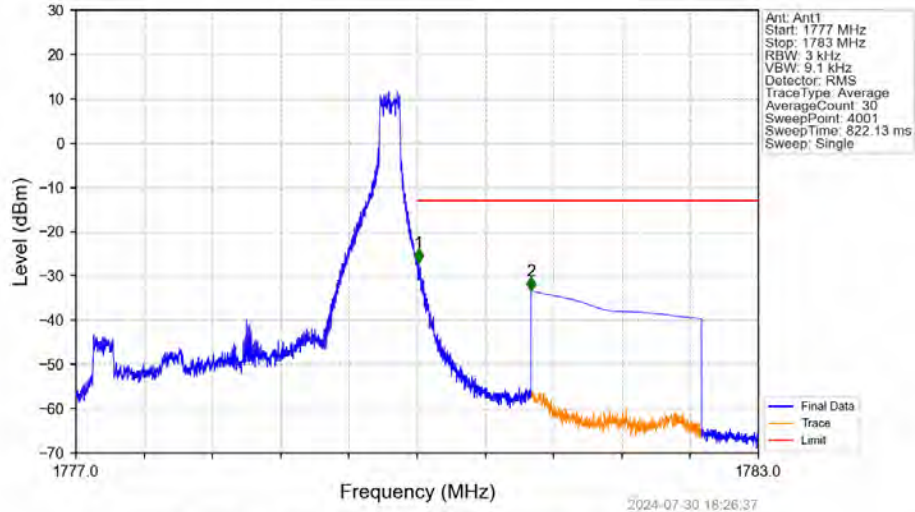
Band66 3MHz 16QAM HCH 1778.5MHz RB 1 0 NTNV



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

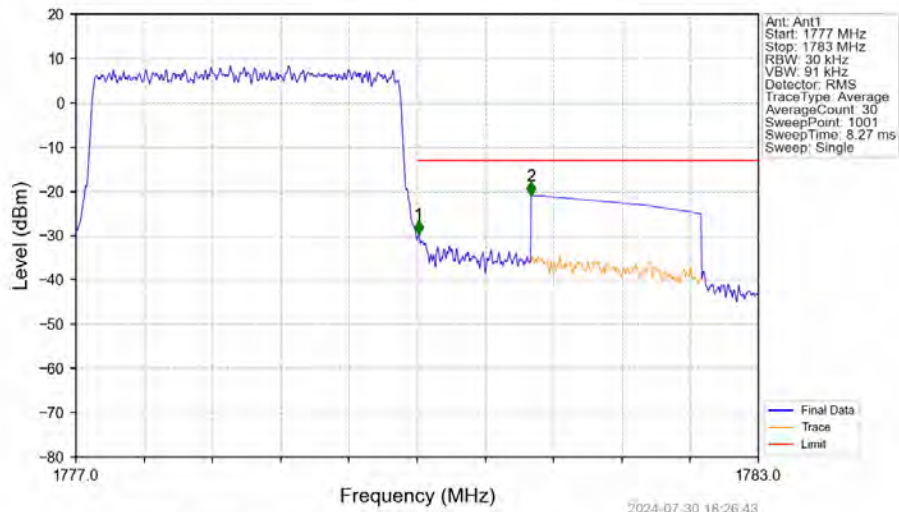


Band66 3MHz 16QAM HCH 1778.5MHz RB 1 14 NTNV



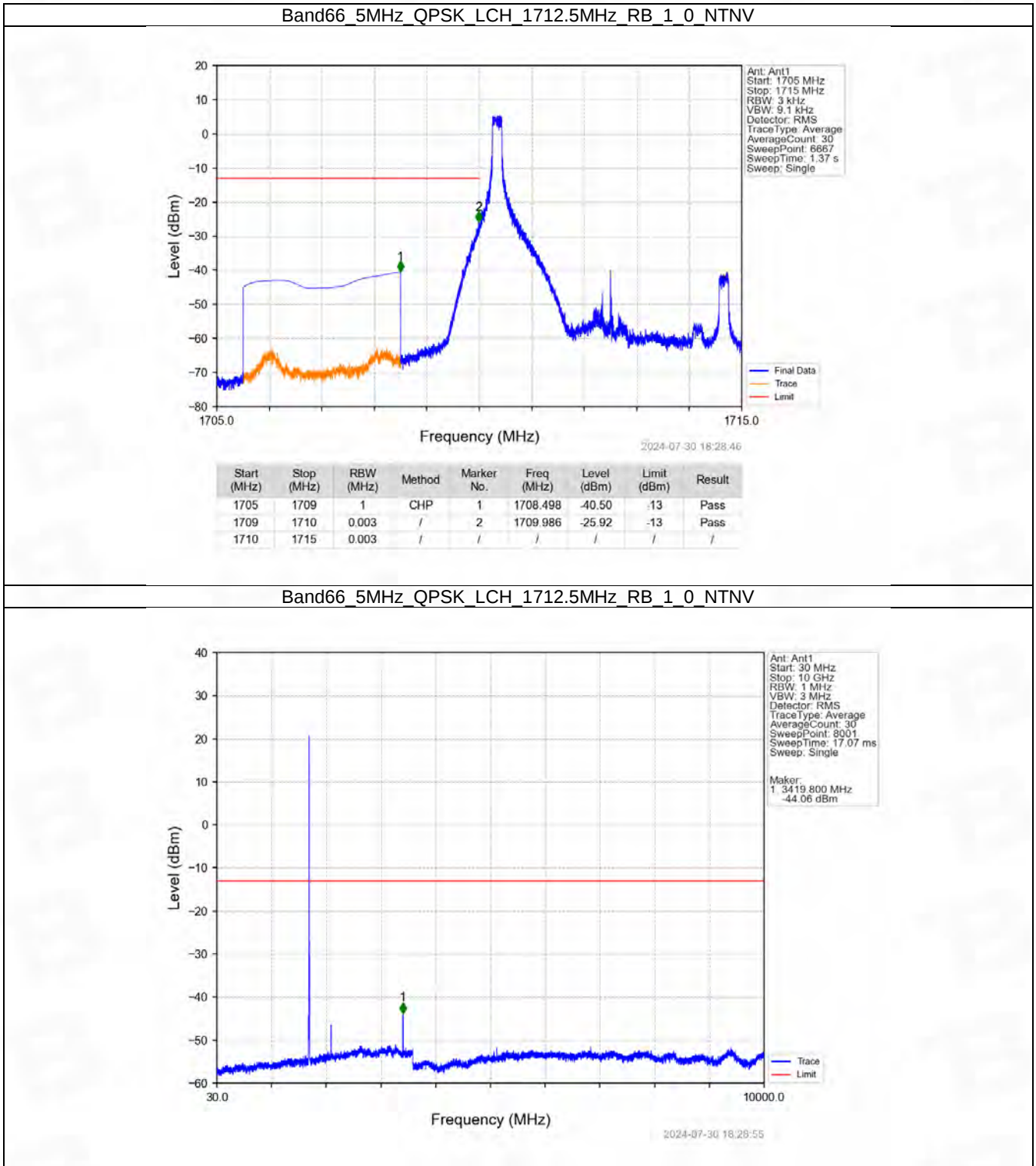
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.014	-26.93	-13	Pass
1781	1783	1	CHP	2	1781.001	-33.26	-13	Pass

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

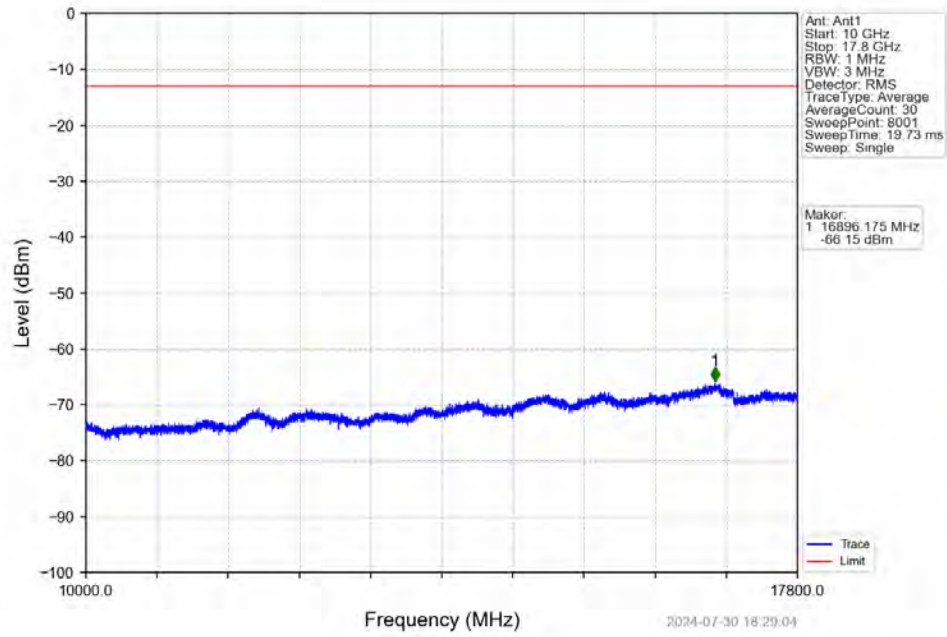


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.012	-29.61	-13	Pass
1781	1783	1	CHP	2	1781.002	-20.96	-13	Pass

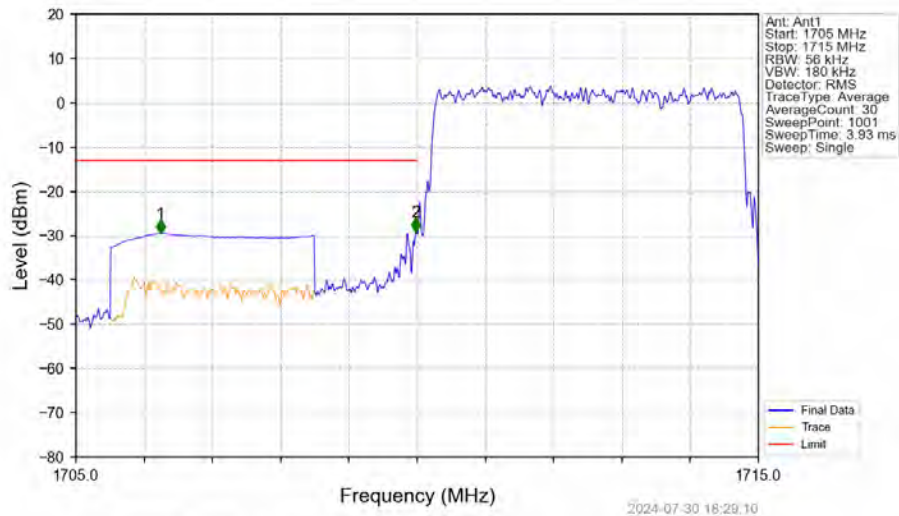
6.2.3 B66_5MHz



Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTV

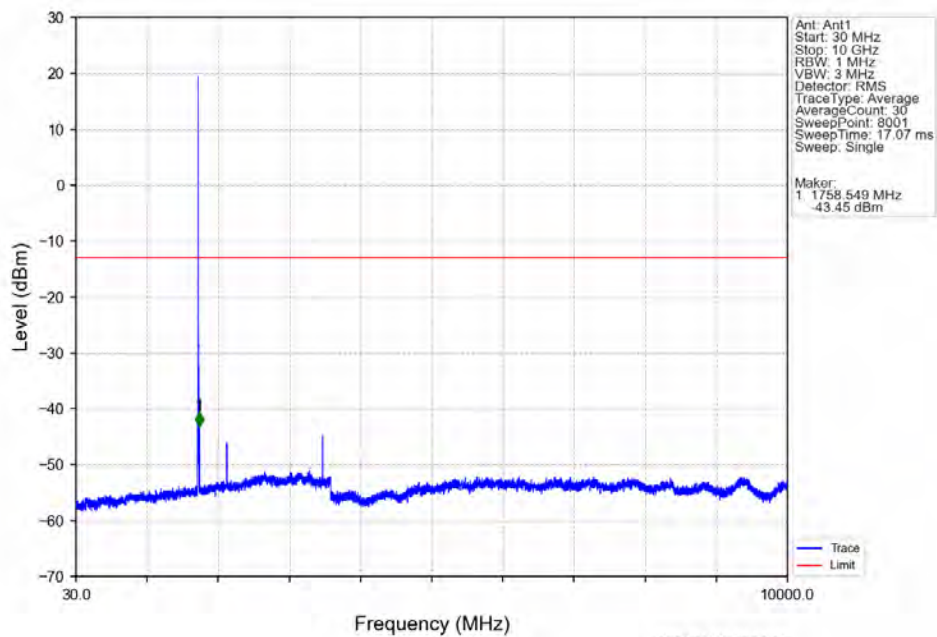


Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTV

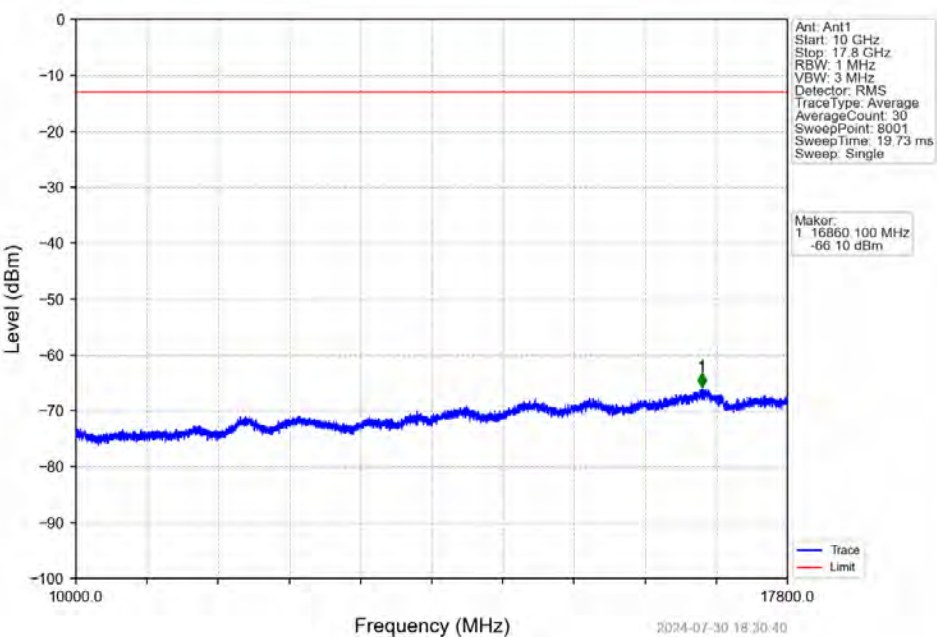


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.240	-29.47	-13	Pass
1709	1710	0.056	/	2	1709.980	-29.16	-13	Pass
1710	1715	0.056	/	/	/	/	/	/

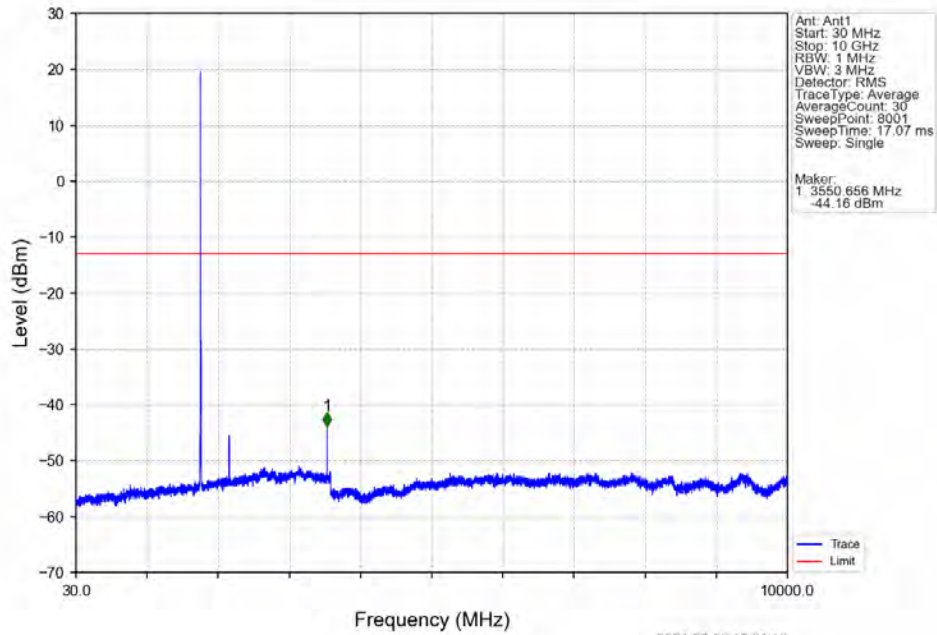
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



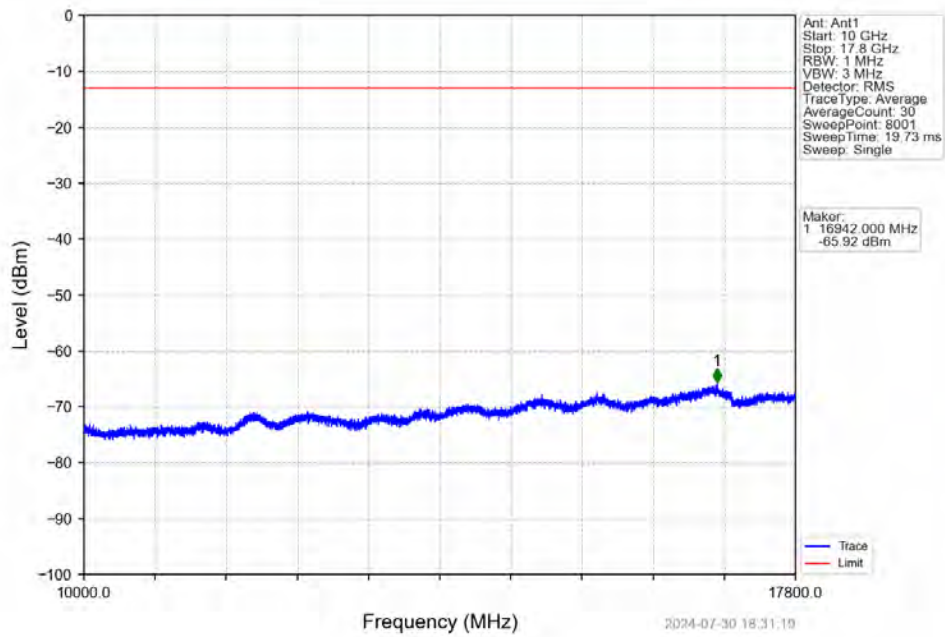
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



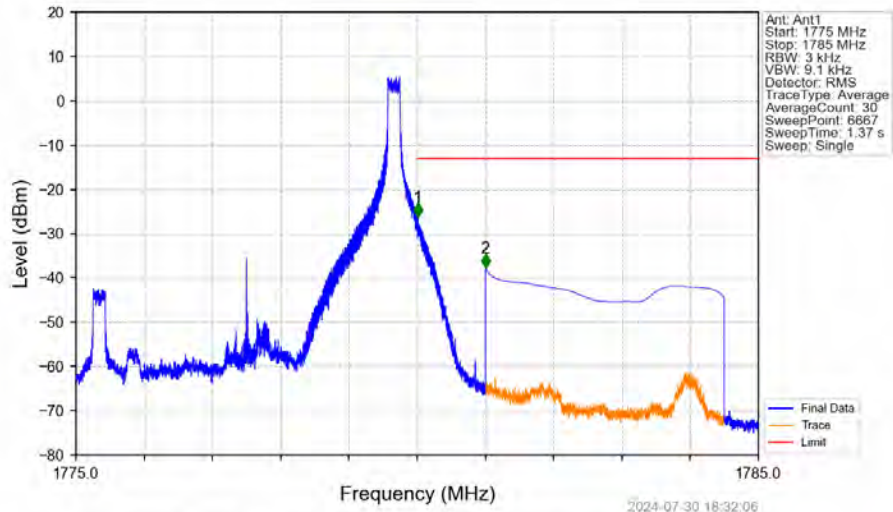
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV

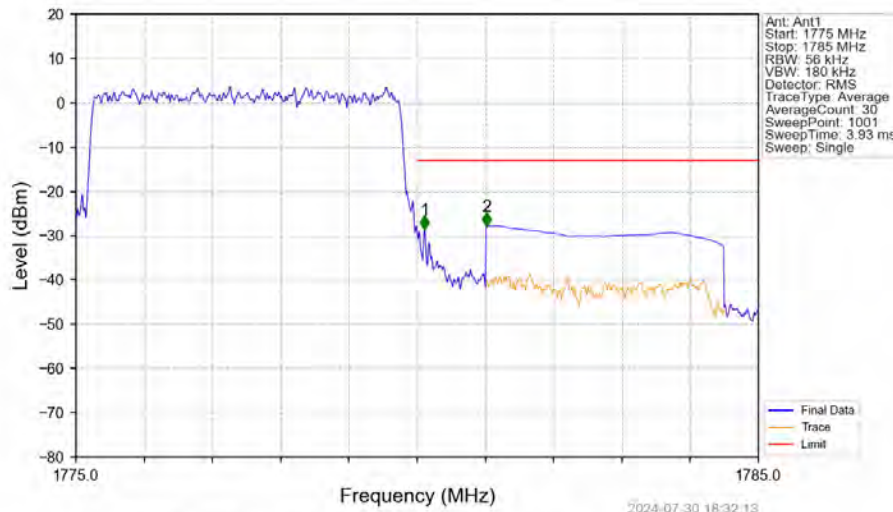


Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTNV



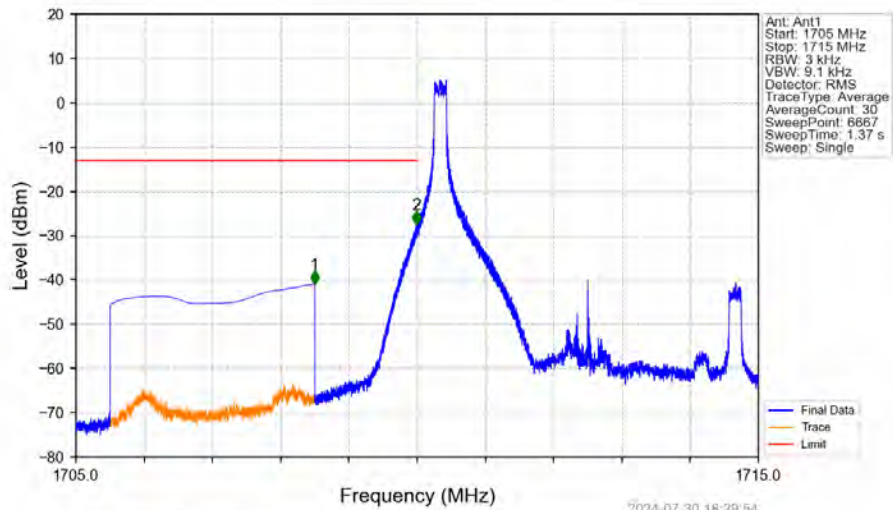
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.011	-26.26	-13	Pass
1781	1785	1	CHP	2	1781.001	-37.69	-13	Pass

Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



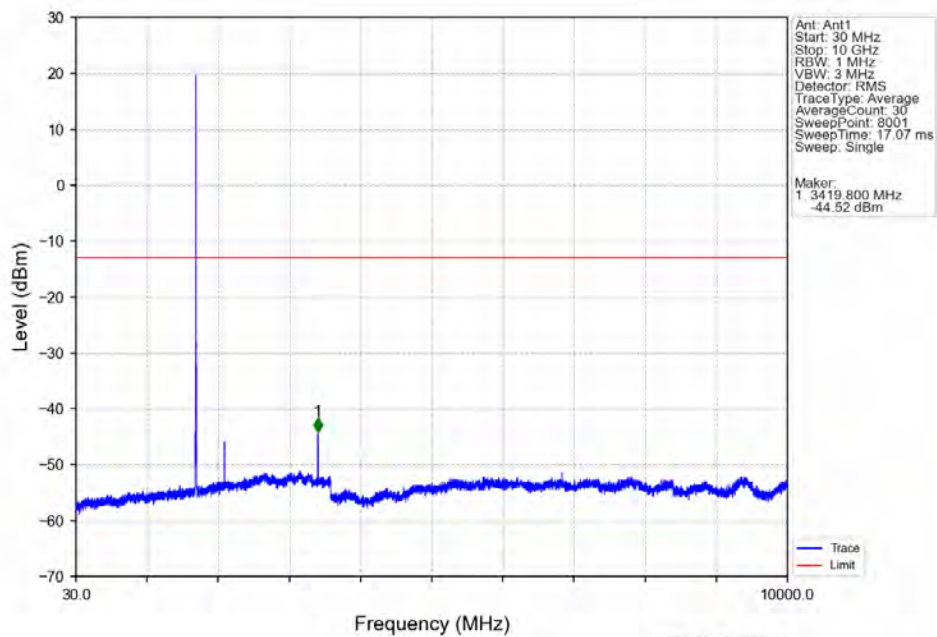
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.056	/	/	/	/	/	/
1780	1781	0.056	/	1	1780.110	-28.58	-13	Pass
1781	1785	1	CHP	2	1781.020	-27.80	-13	Pass

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

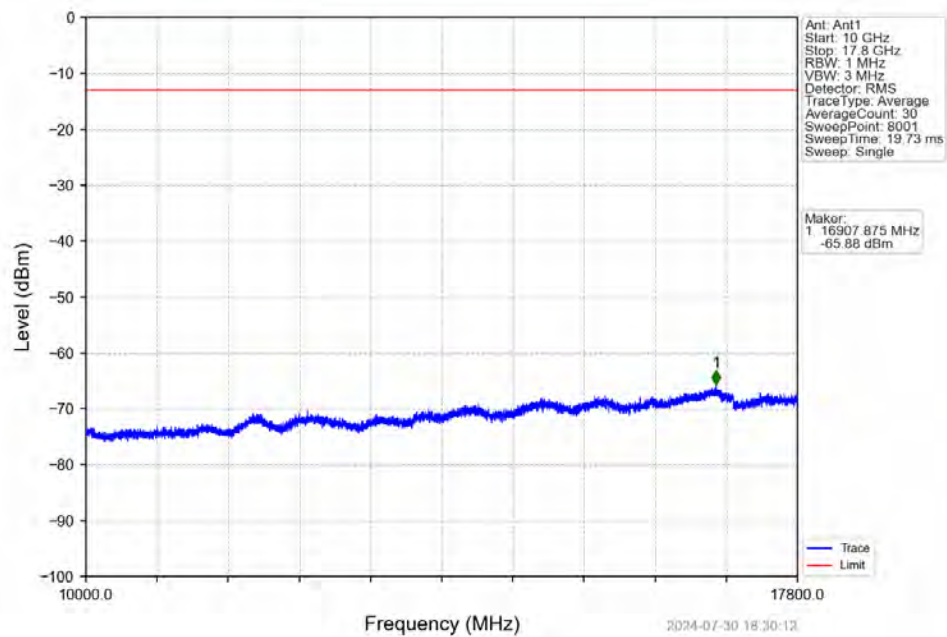


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.495	-40.96	-13	Pass
1709	1710	0.003	/	2	1709.989	-27.55	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

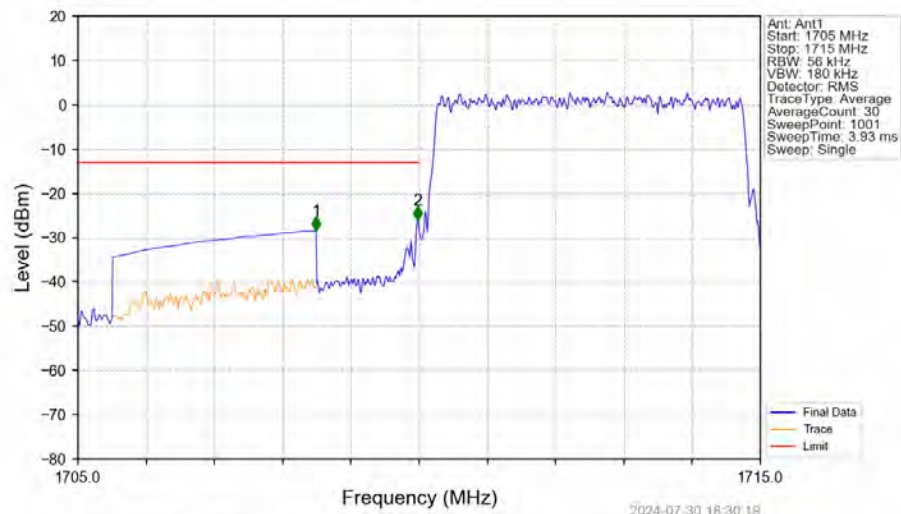
Band66 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



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

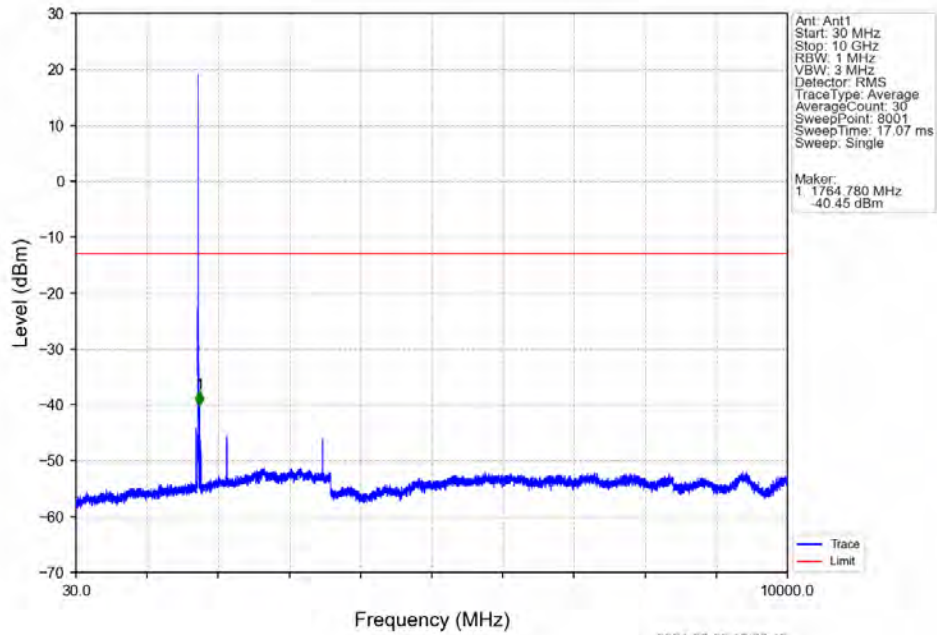


Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV

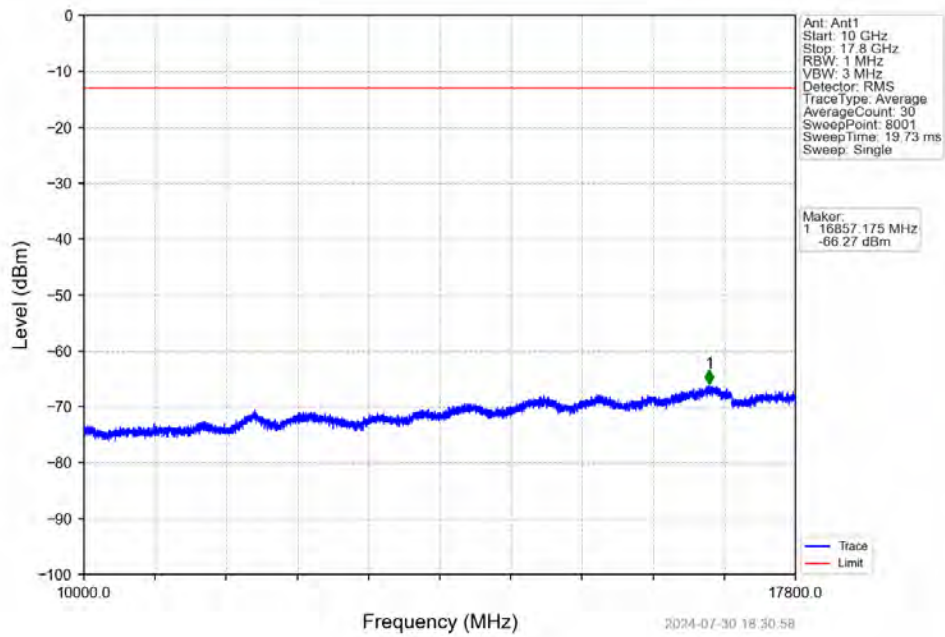


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-28.46	-13	Pass
1709	1710	0.056	/	2	1709.980	-26.06	-13	Pass
1710	1715	0.056	/	/	/	/	/	/

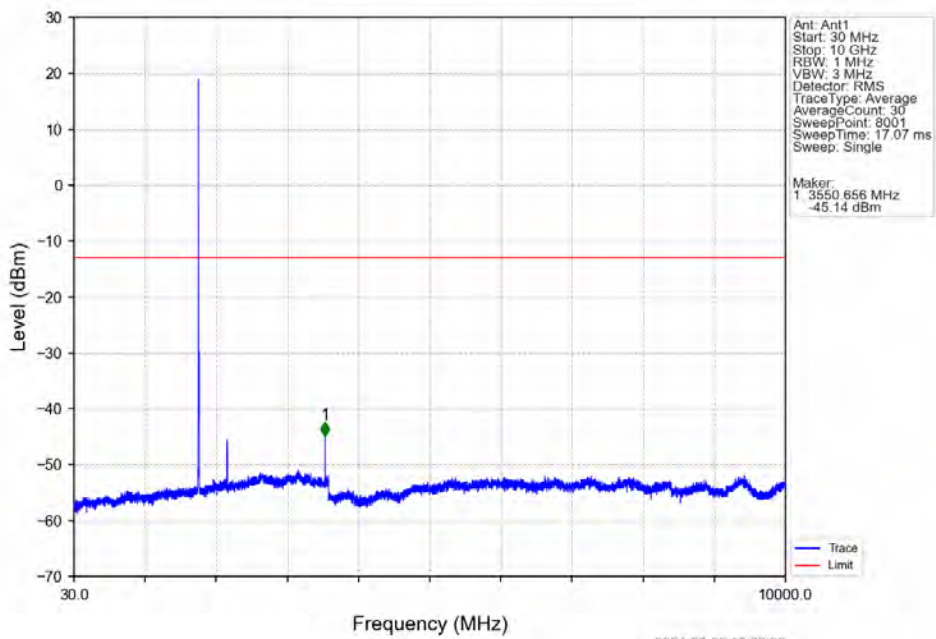
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



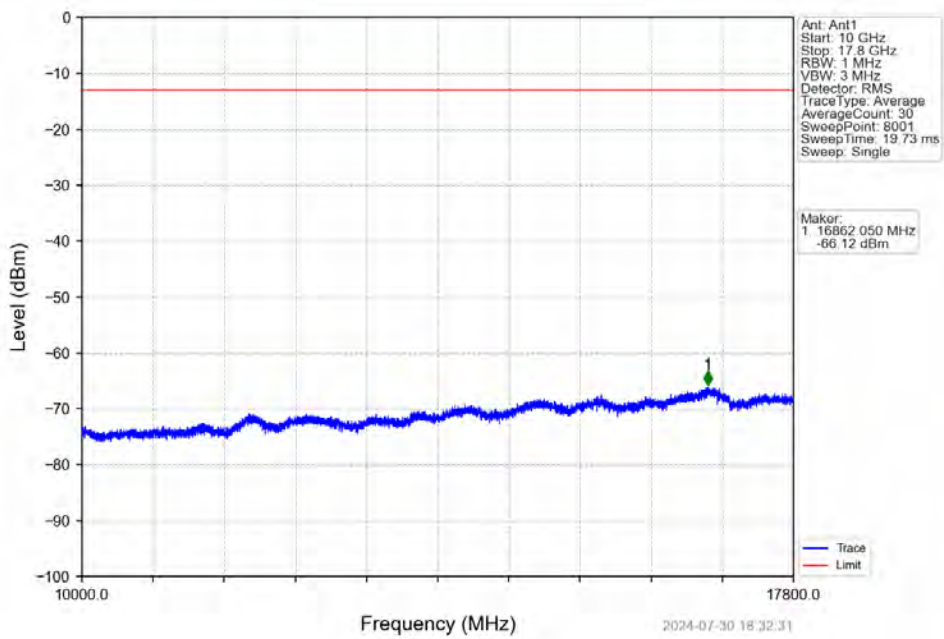
Band66 5MHz 16QAM MCH 1745MHz RB 1 0 NTNV



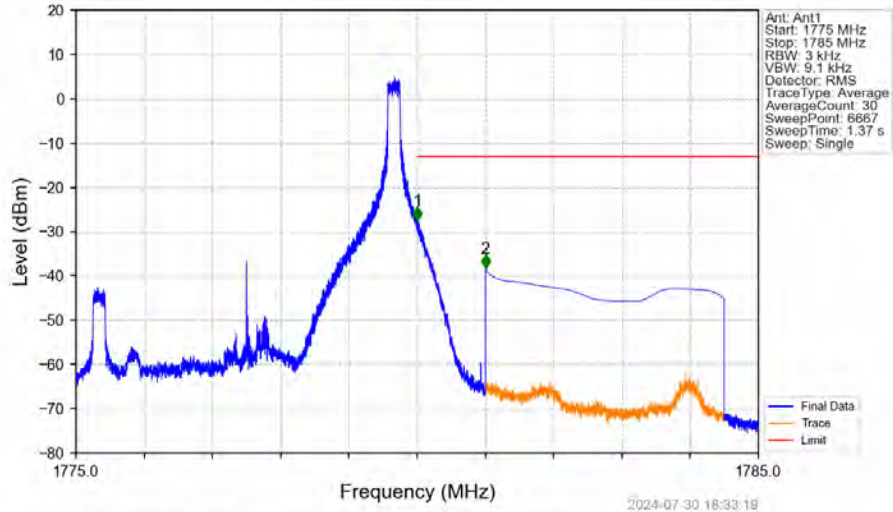
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



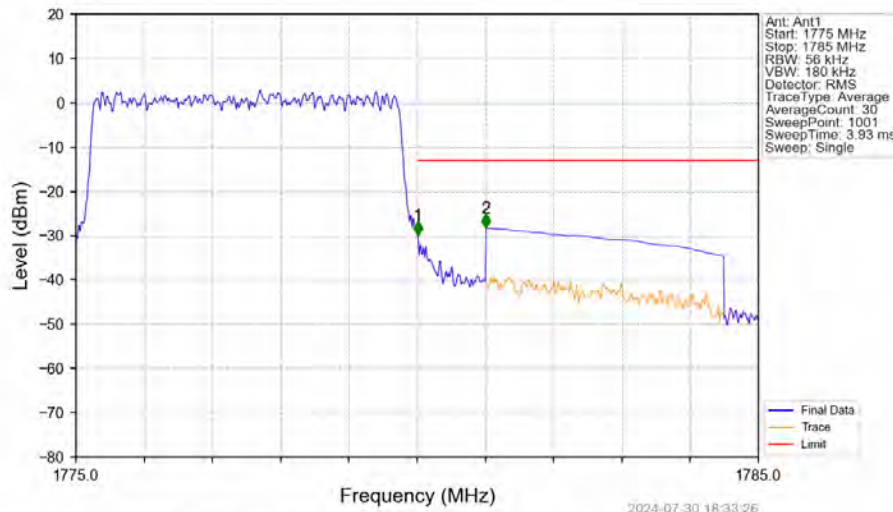
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 0 NTNV



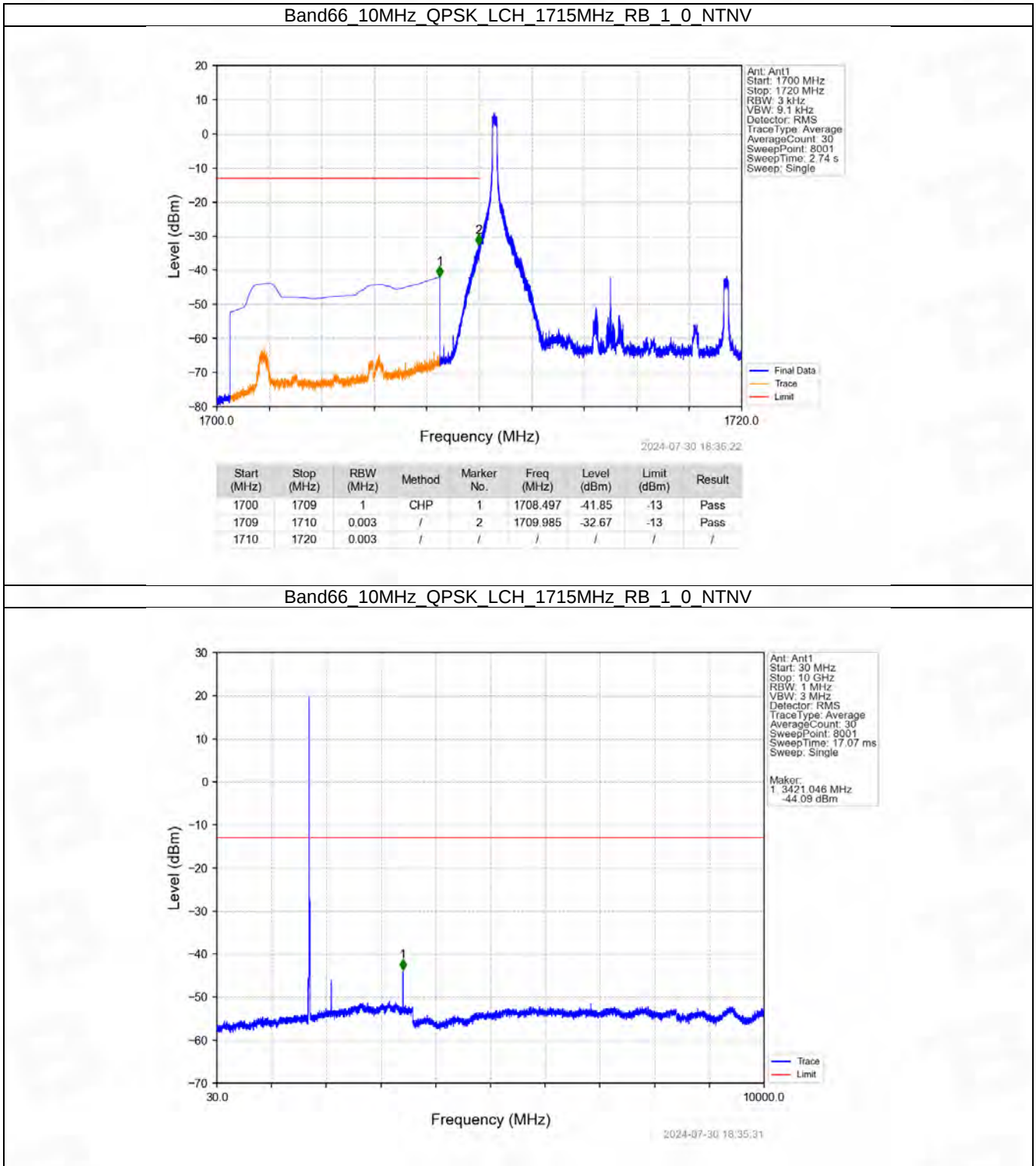
Band66 5MHz 16QAM HCH 1777.5MHz RB 1 24 NTNV



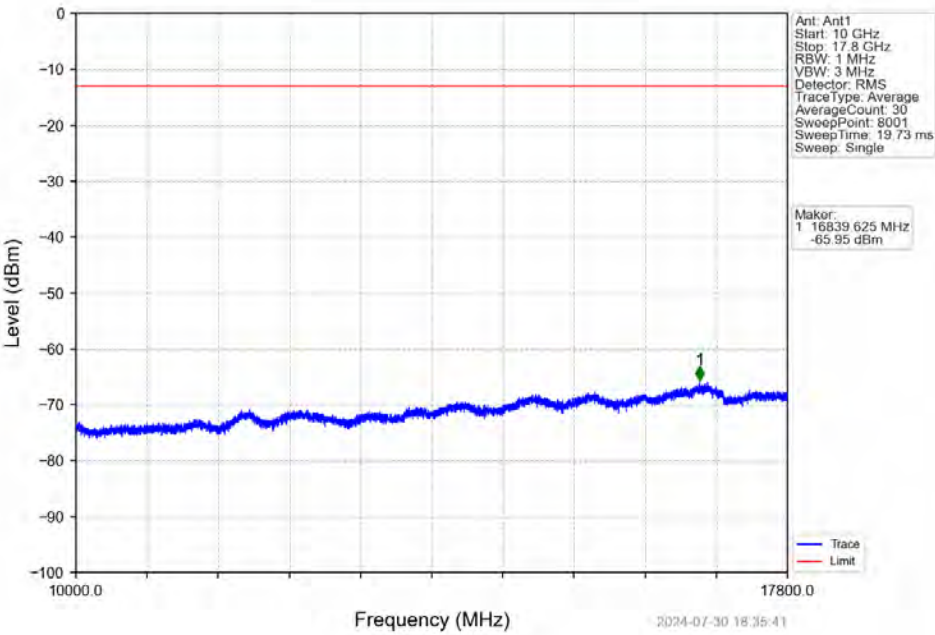
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



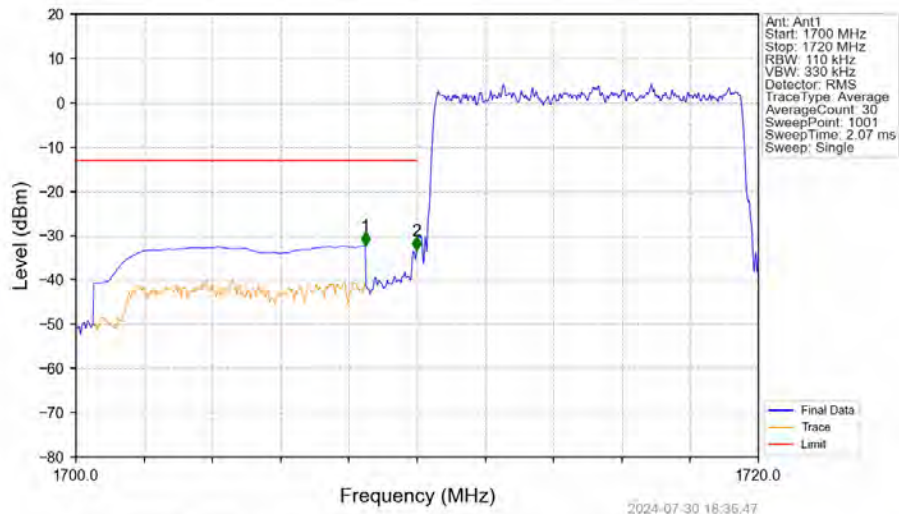
6.2.4 B66_10MHz



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN

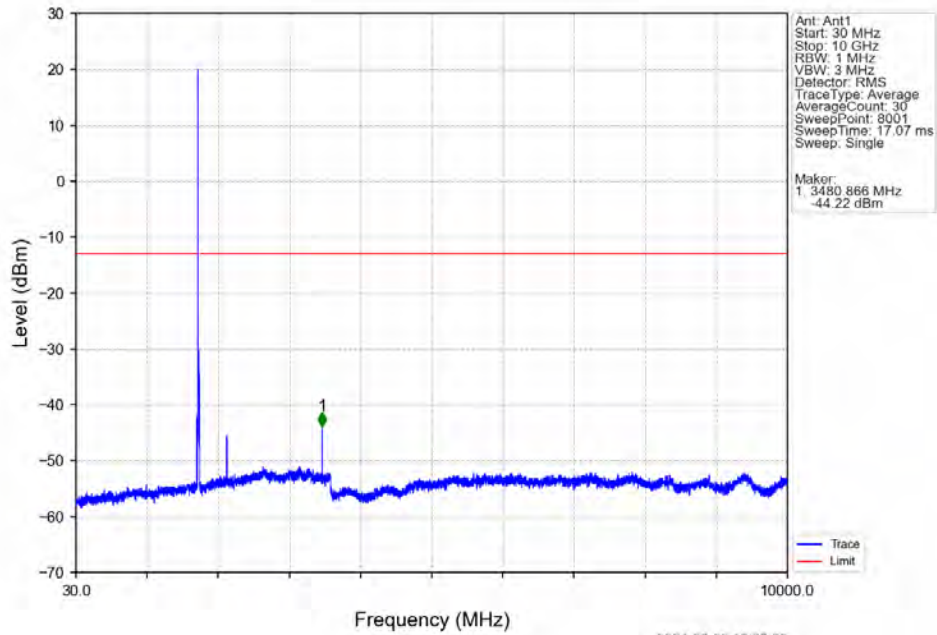


Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTN

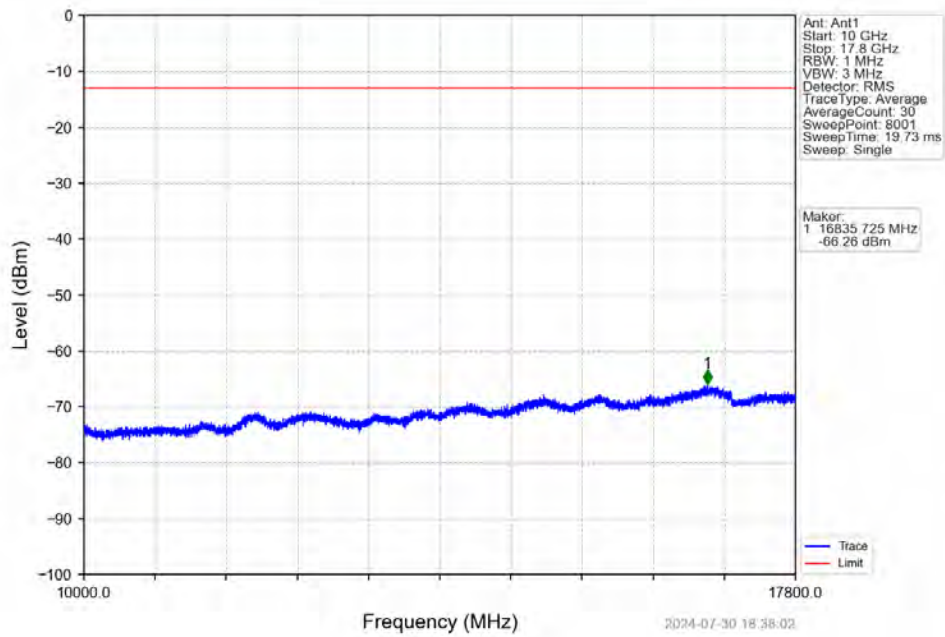


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-32.23	-13	Pass
1709	1710	0.11	/	2	1709.980	-33.28	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

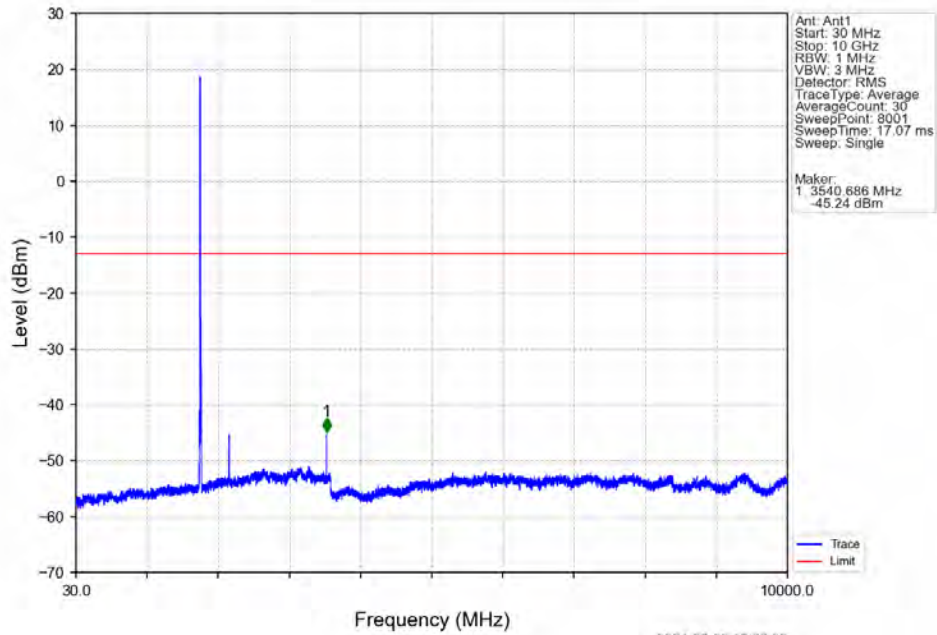
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



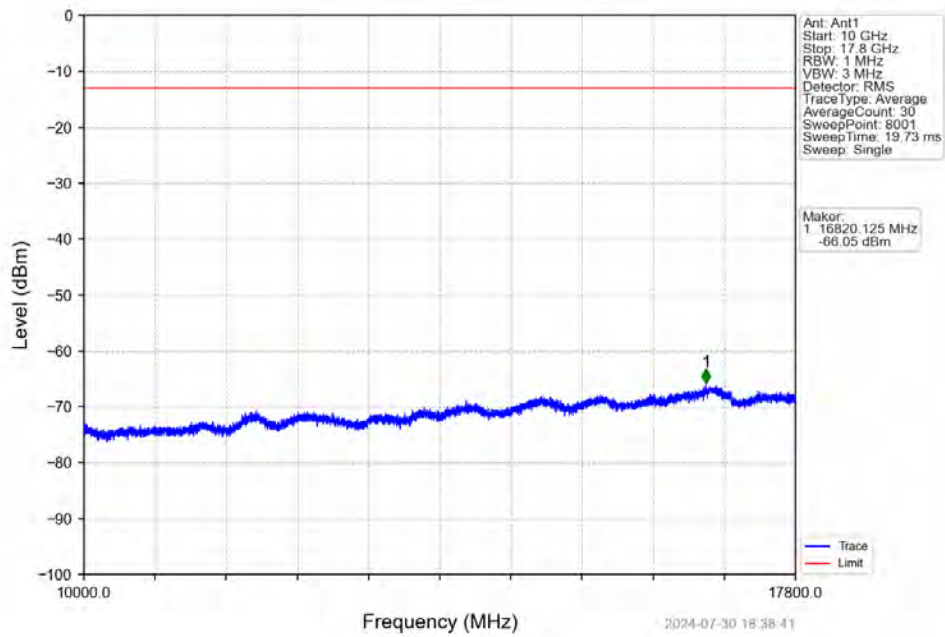
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



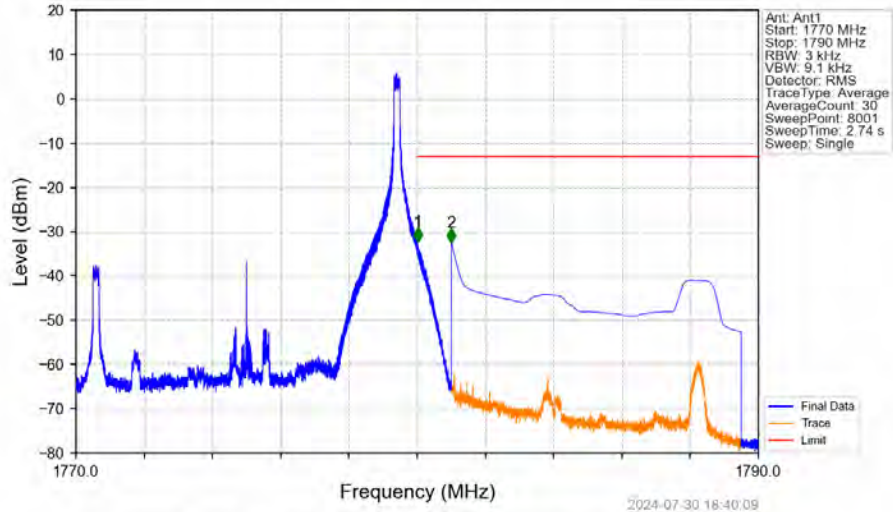
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV

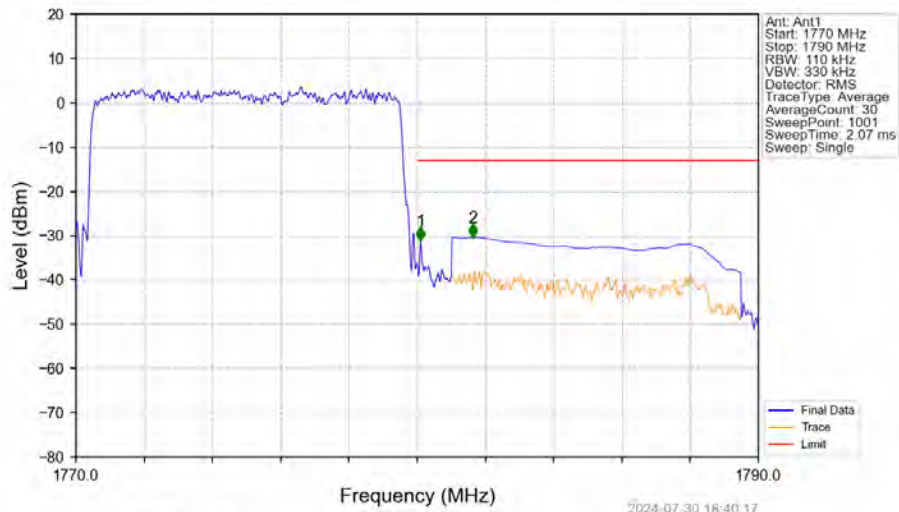


Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTNV



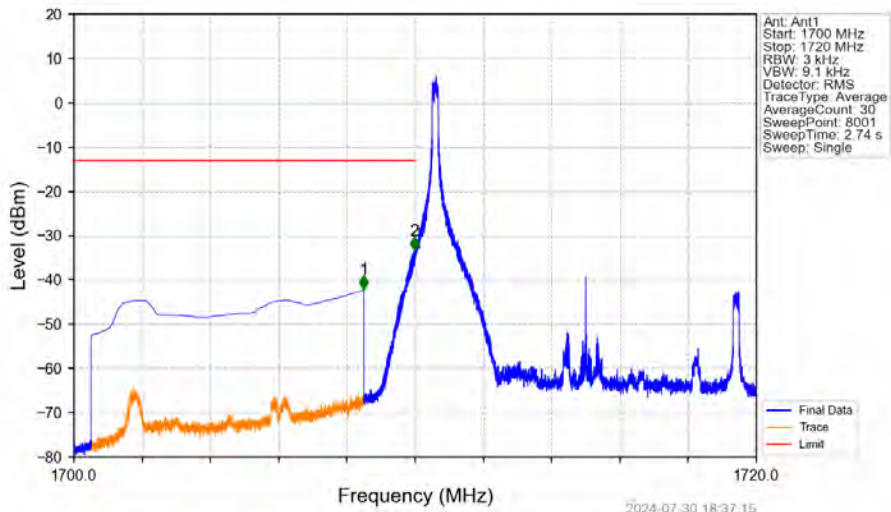
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.013	-32.31	-13	Pass
1781	1790	1	CHP	2	1781.003	-32.34	-13	Pass

Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV

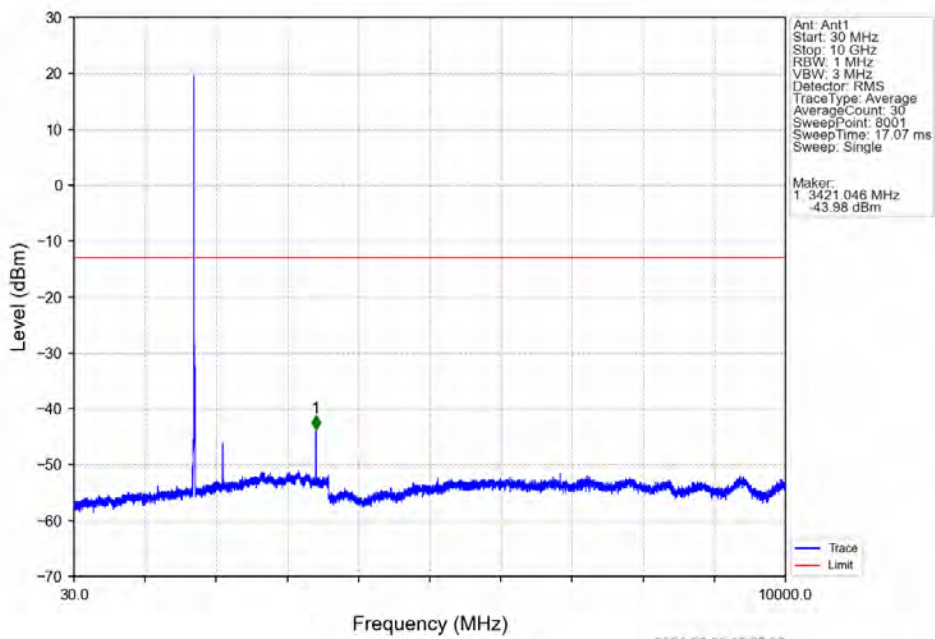


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.11	/	/	/	/	/	/
1780	1781	0.11	/	1	1780.100	-31.17	-13	Pass
1781	1790	1	CHP	2	1781.640	-30.32	-13	Pass

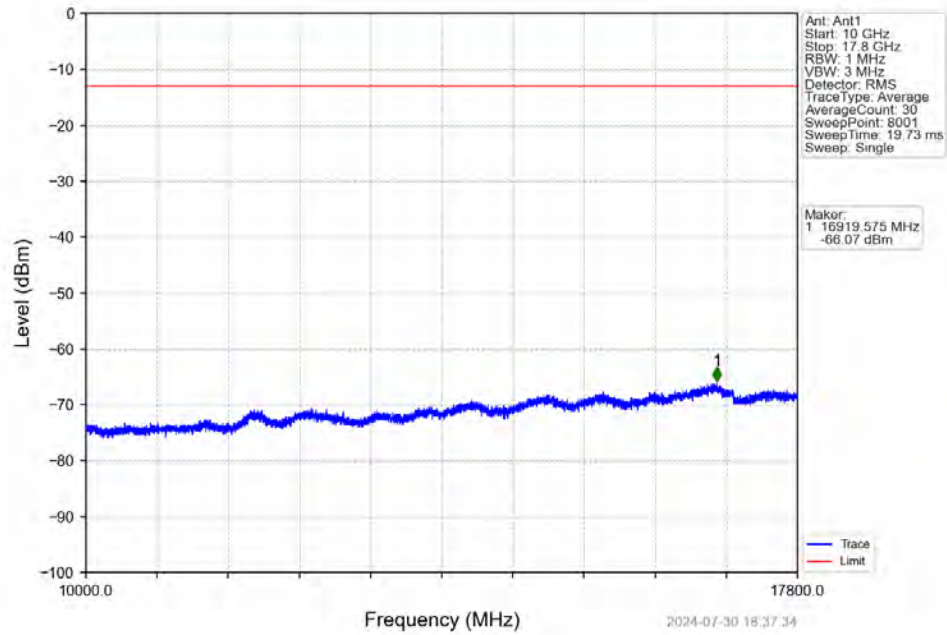
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



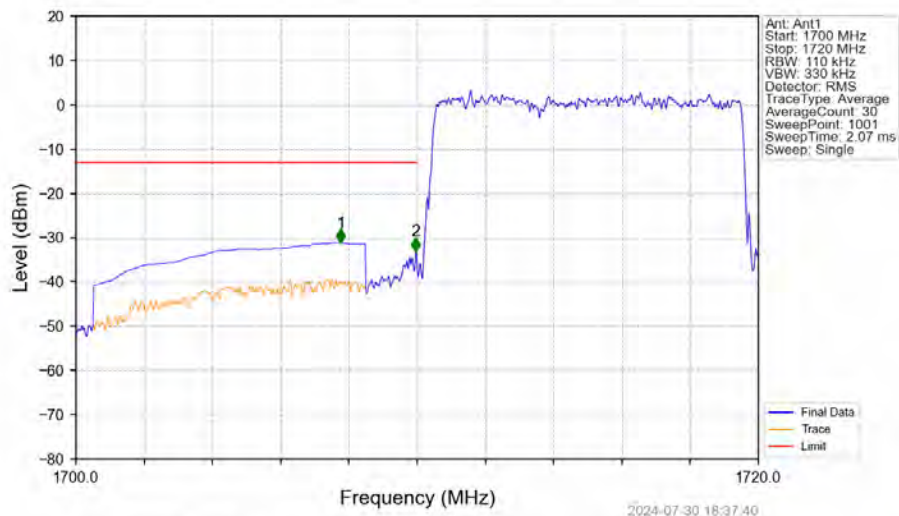
Band66 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



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

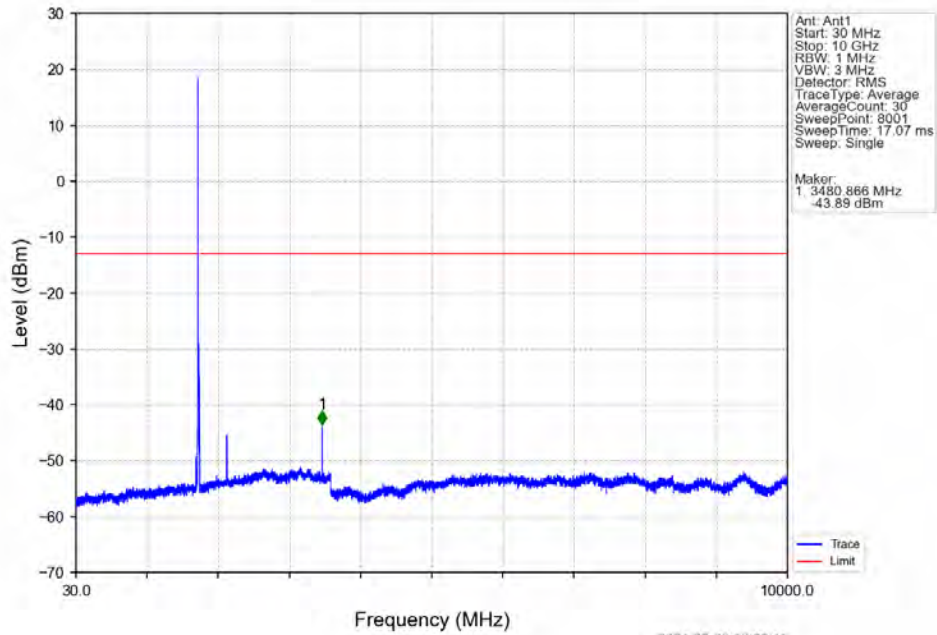


Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV

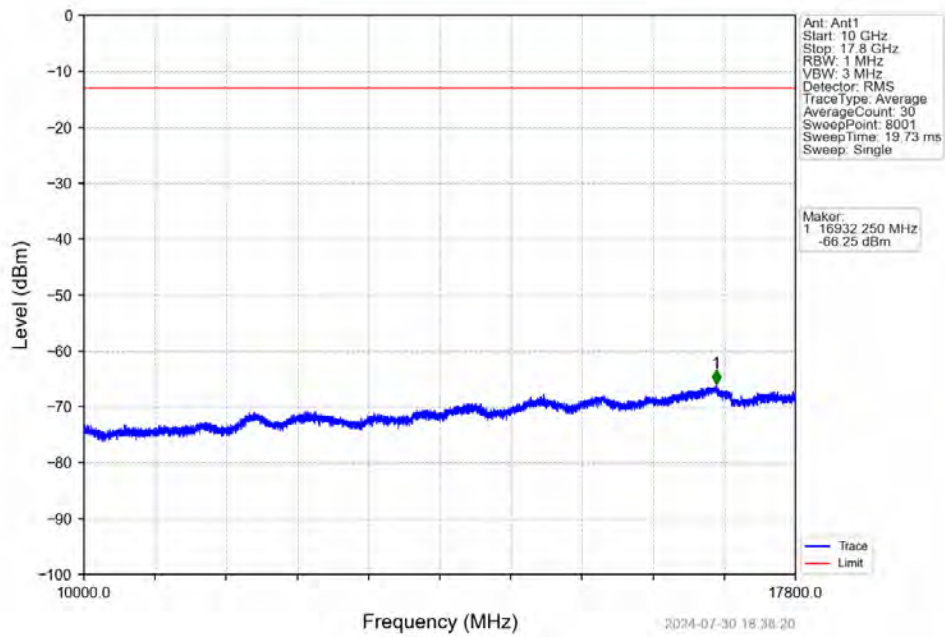


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1707.760	-31.10	-13	Pass
1709	1710	0.11	/	2	1709.960	-33.04	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

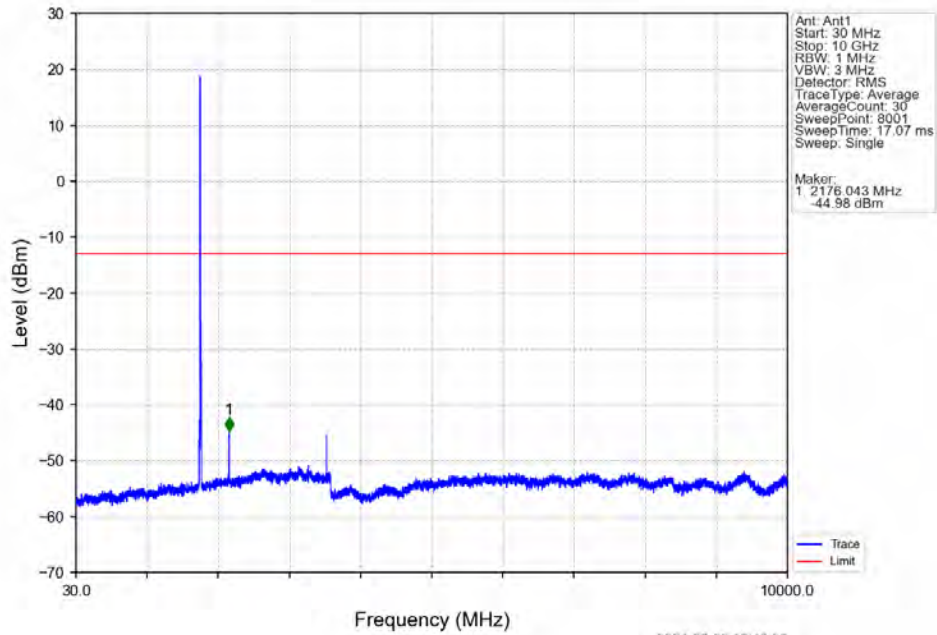
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



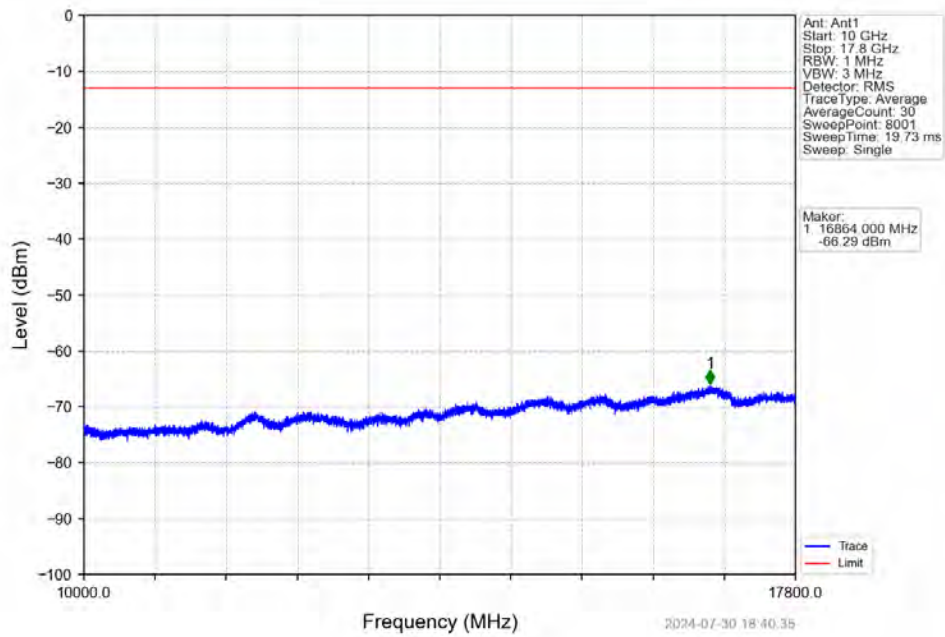
Band66 10MHz 16QAM MCH 1745MHz RB 1 0 NTNV



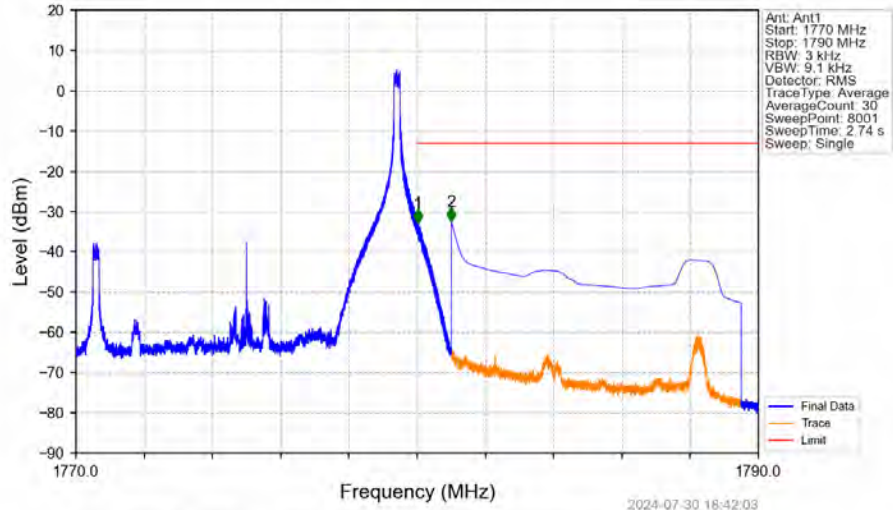
Band66 10MHz 16QAM HCH 1775MHz RB 1 0 NTNV



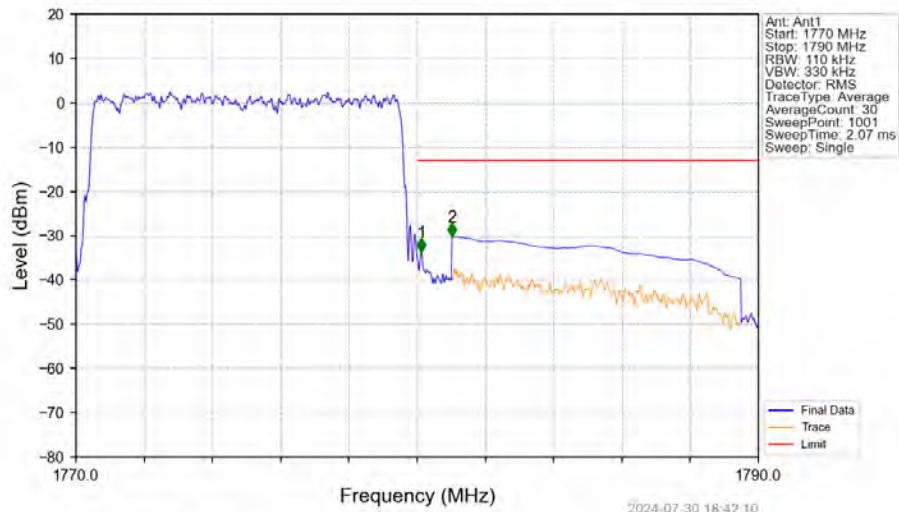
Band66 10MHz 16QAM HCH 1775MHz RB 1 0 NTNV



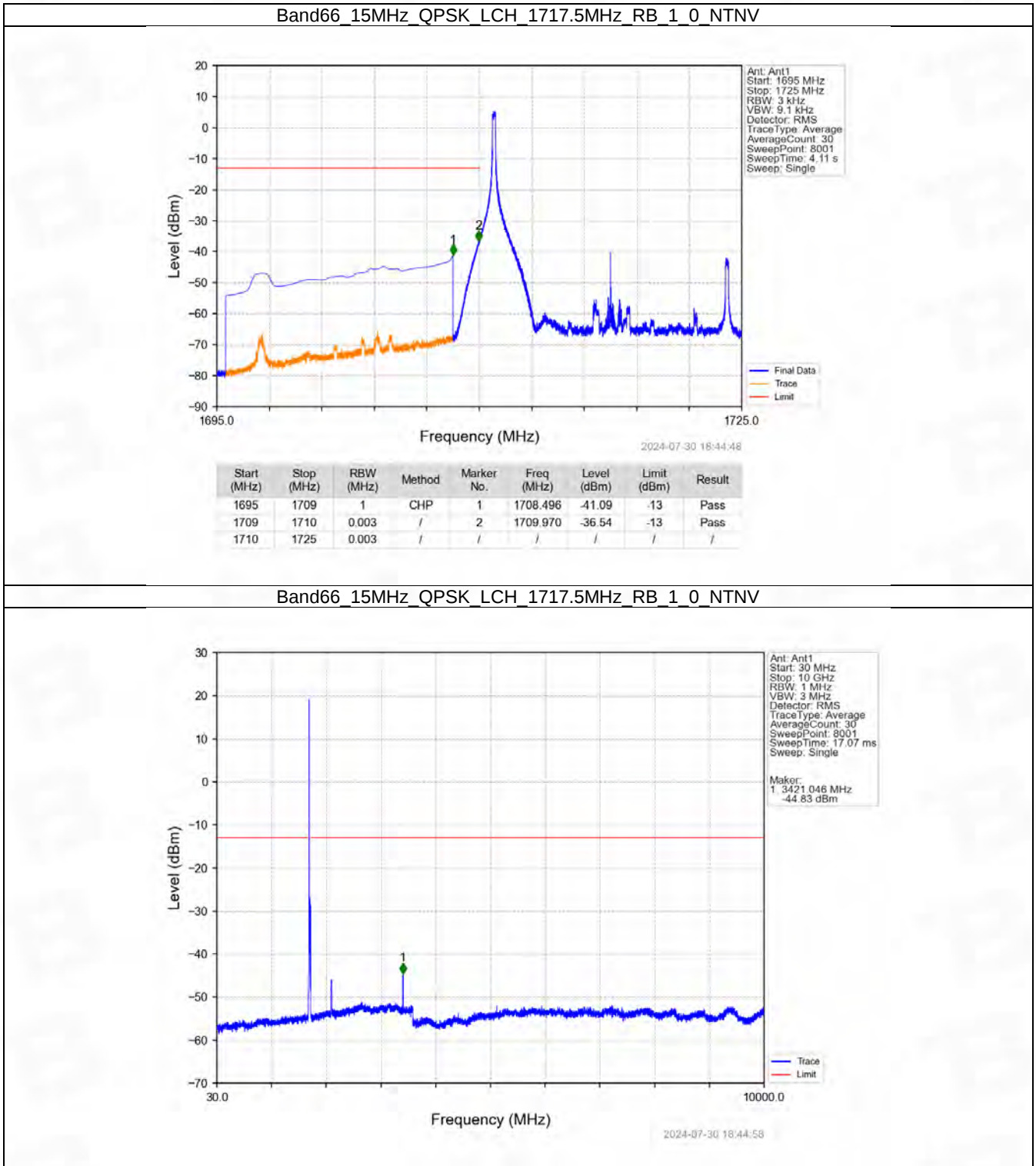
Band66 10MHz 16QAM HCH 1775MHz RB 1 49 NTNV



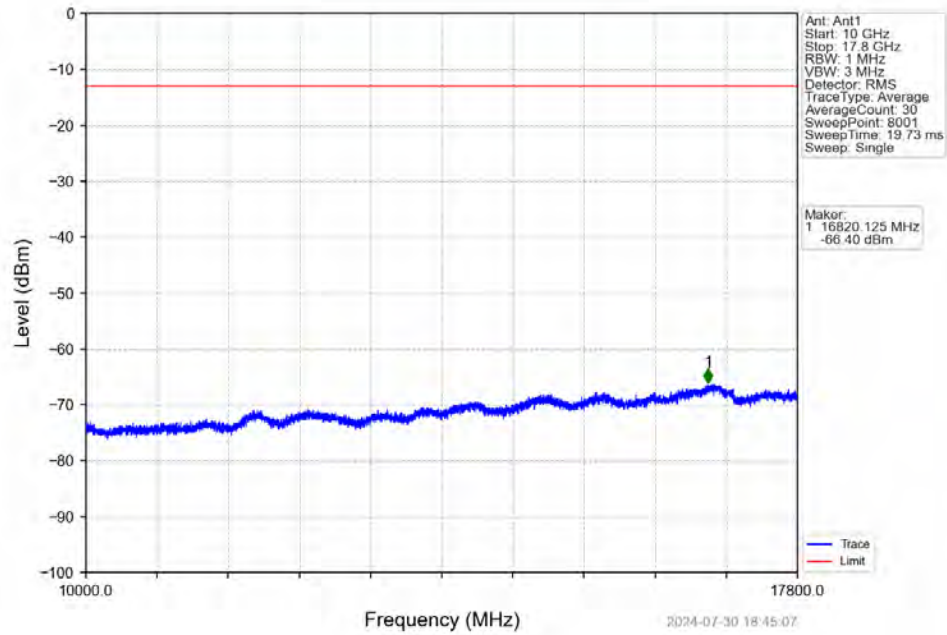
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



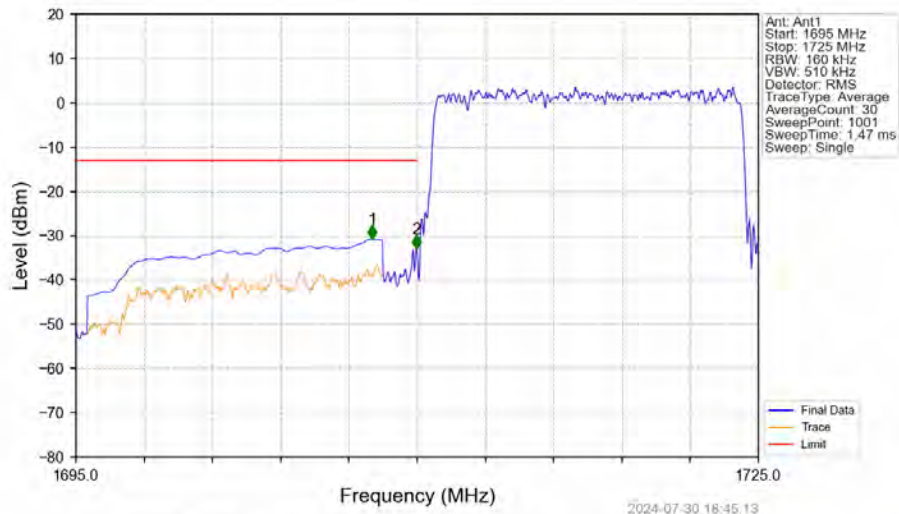
6.2.5 B66_15MHz



Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

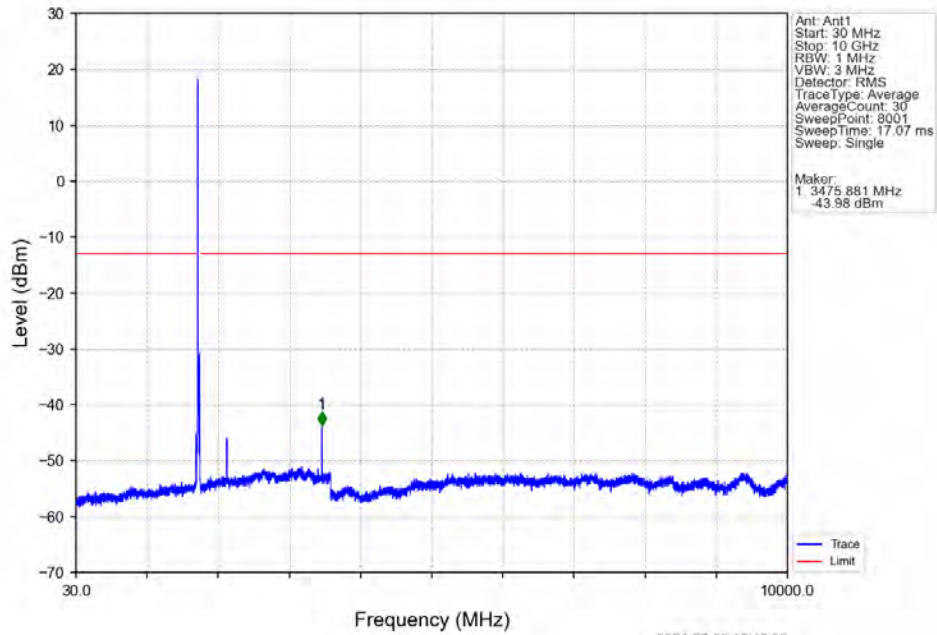


Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

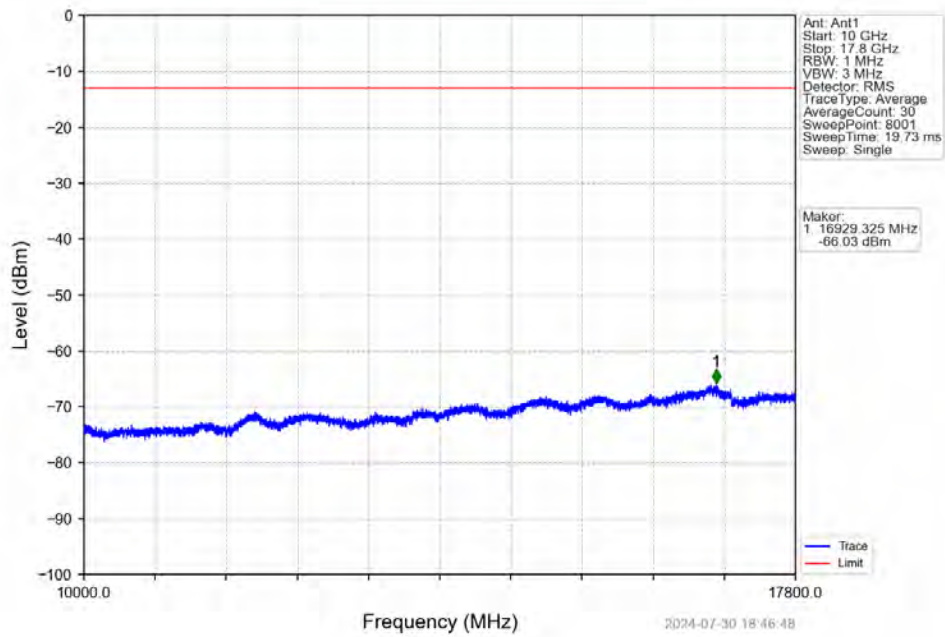


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.020	-30.77	-13	Pass
1709	1710	0.16	/	2	1709.970	-32.92	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

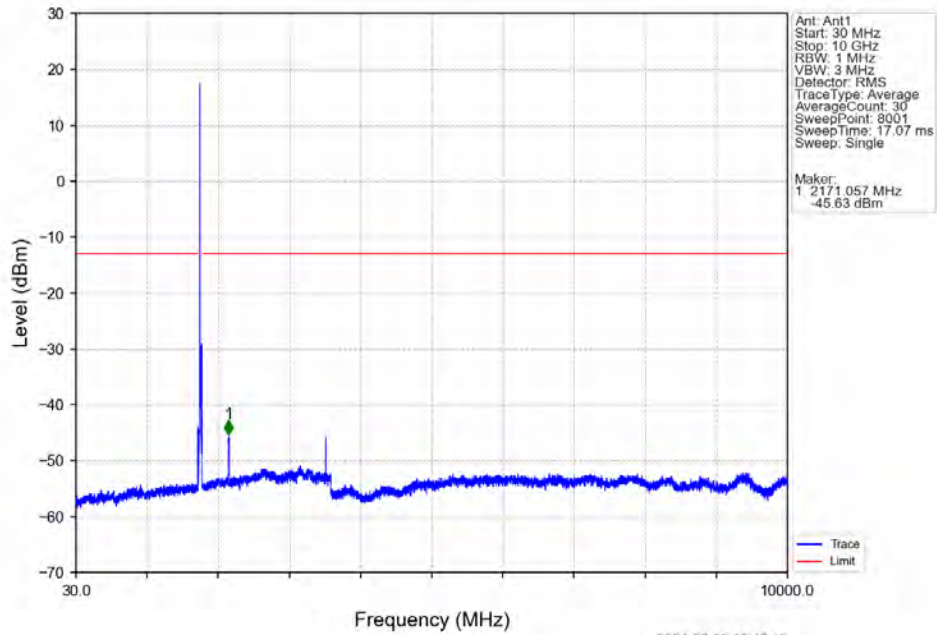
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



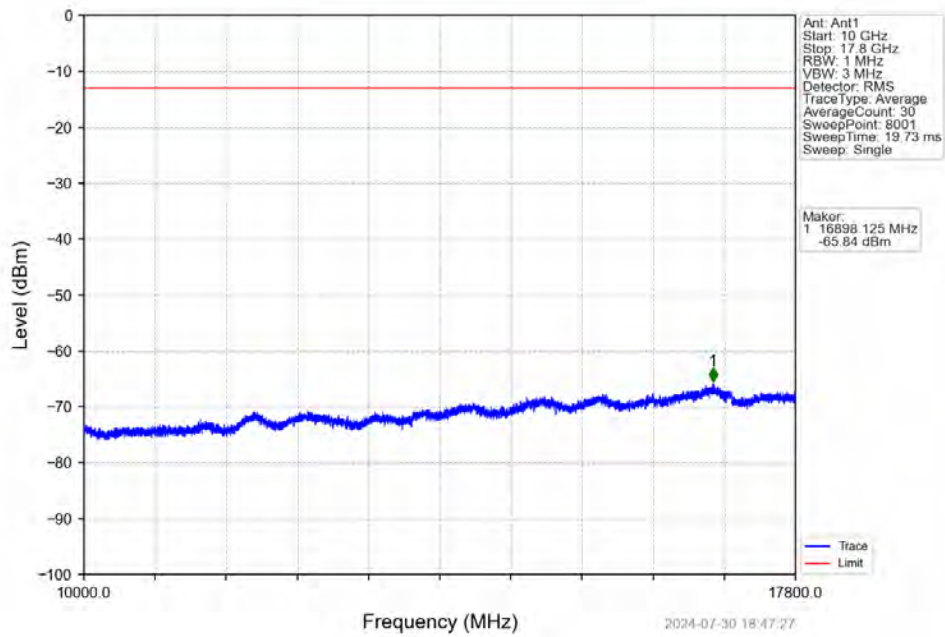
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



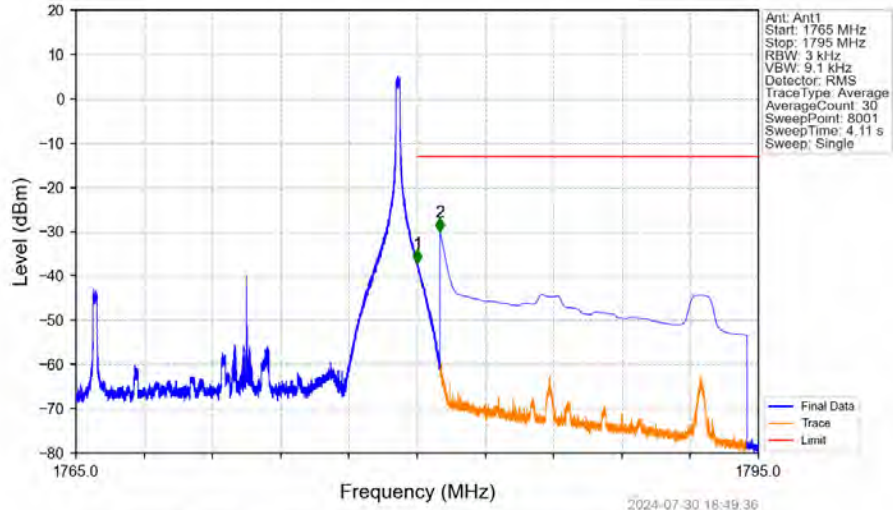
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



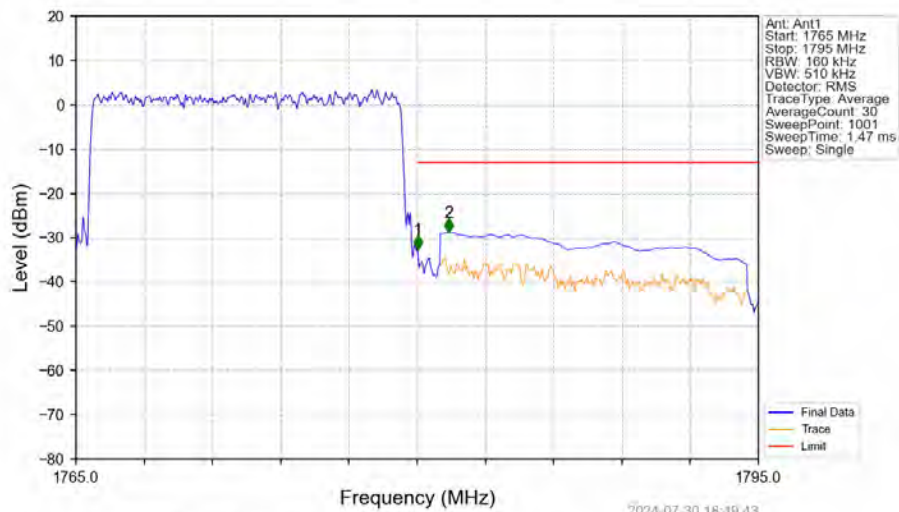
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



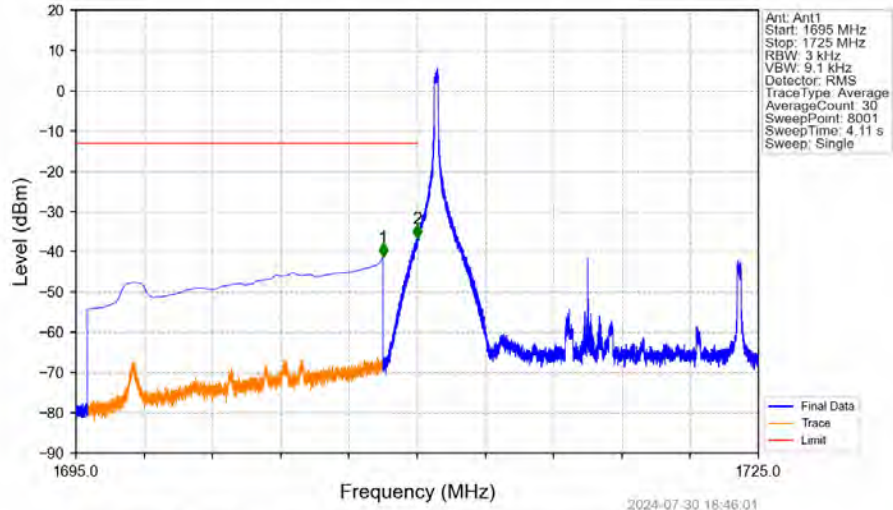
Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



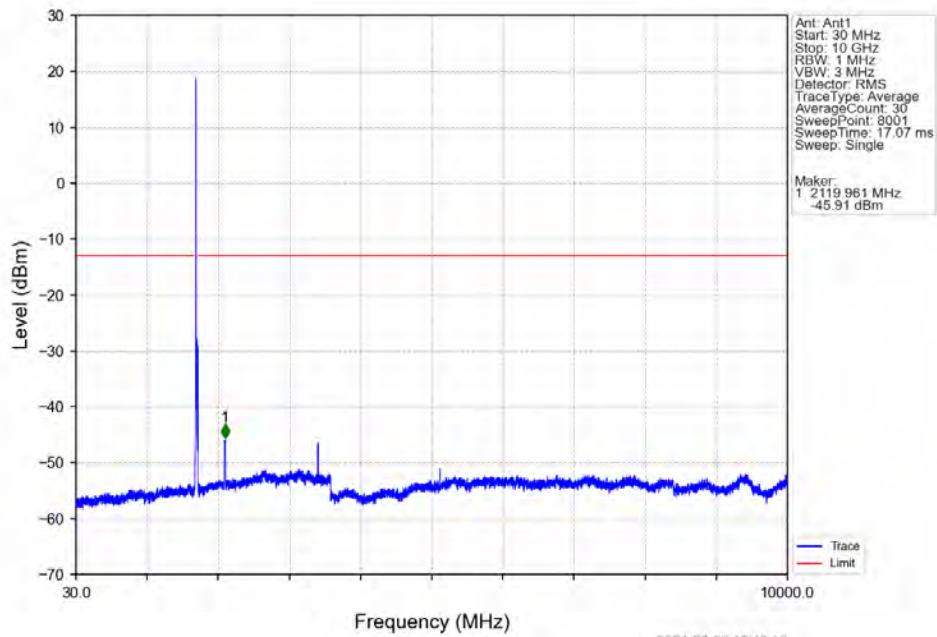
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



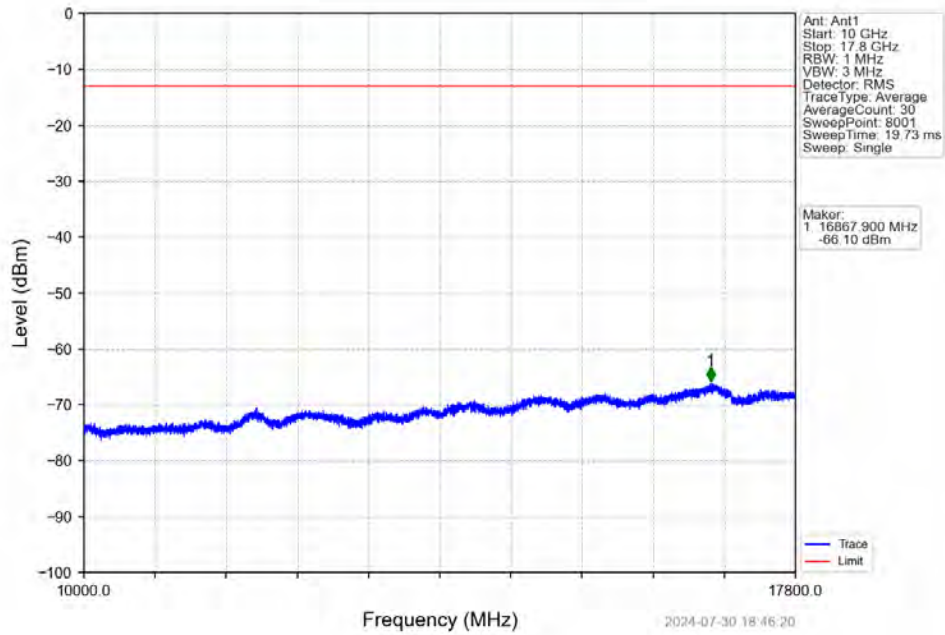
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



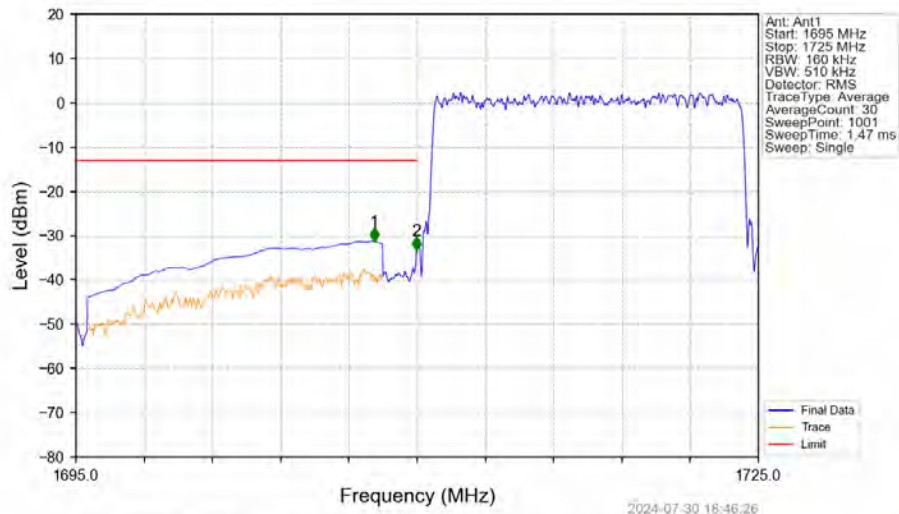
Band66 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



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

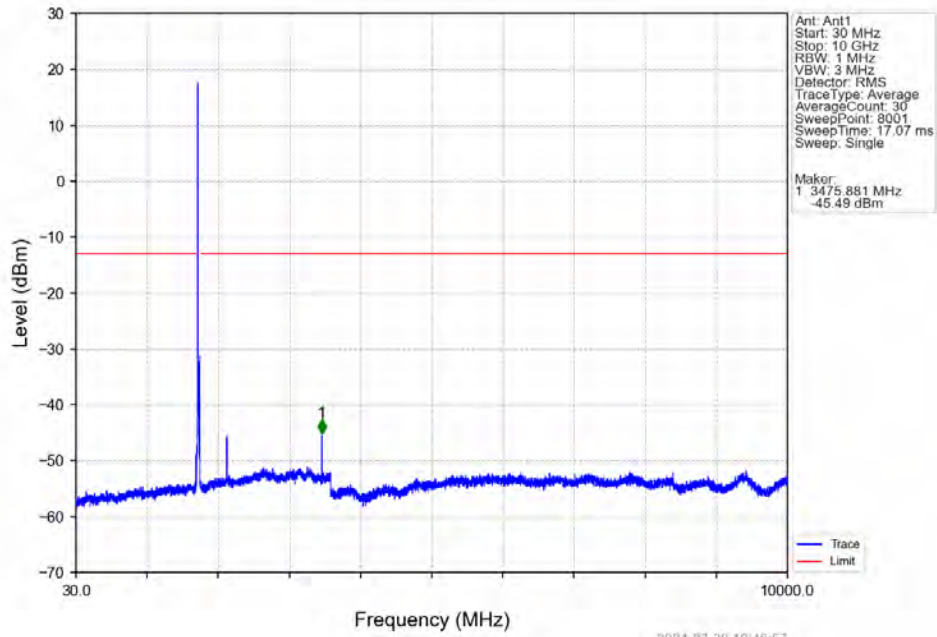


Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV

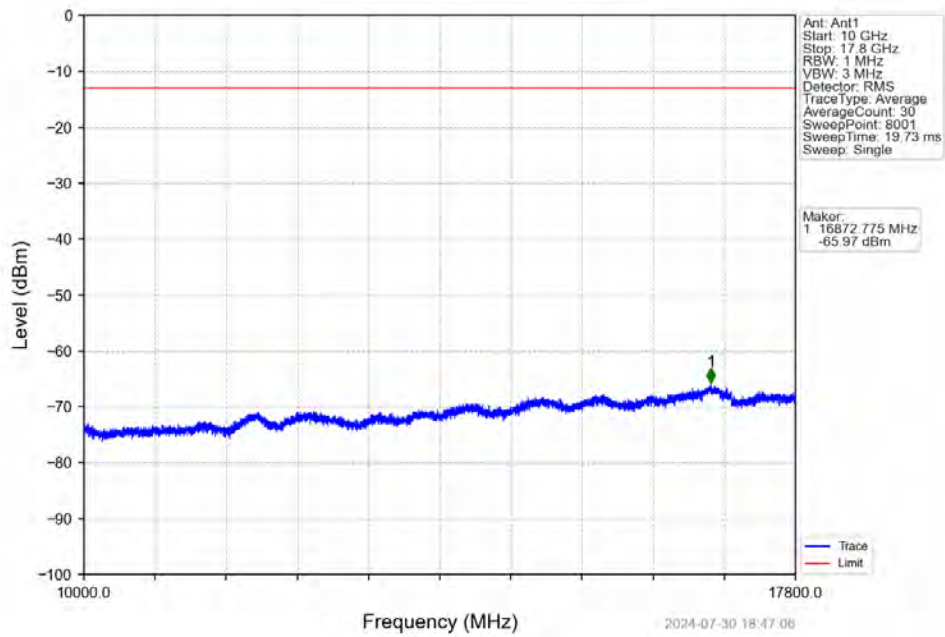


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.110	-31.29	-13	Pass
1709	1710	0.16	/	2	1709.970	-33.34	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

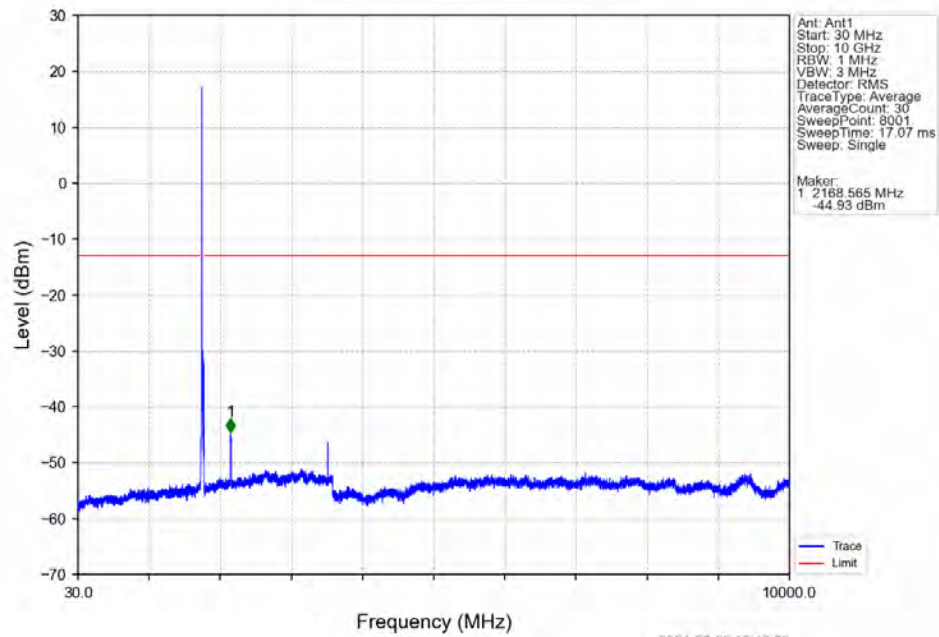
Band66 15MHz 16QAM MCH 1745MHz RB 1 0 NTNV



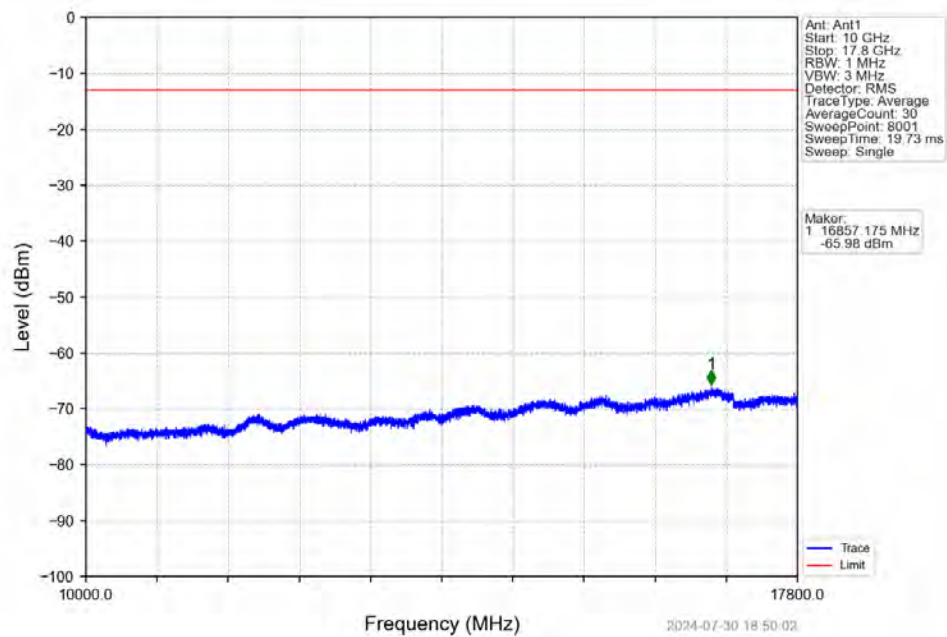
Band66 15MHz 16QAM MCH 1745MHz RB 1 0 NTNV



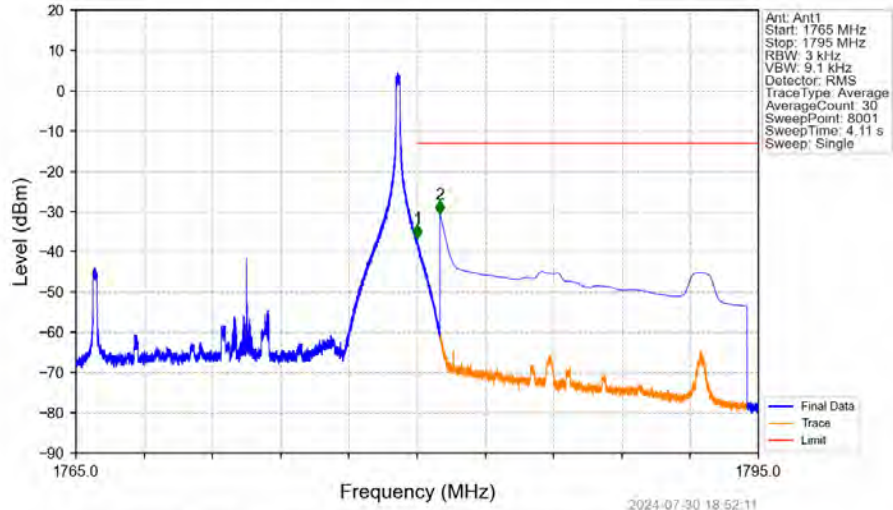
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTV



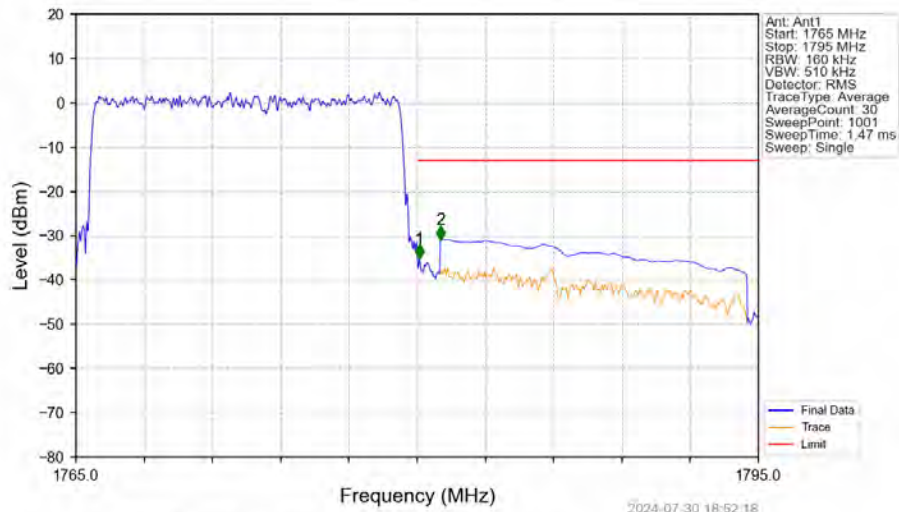
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 0 NTV



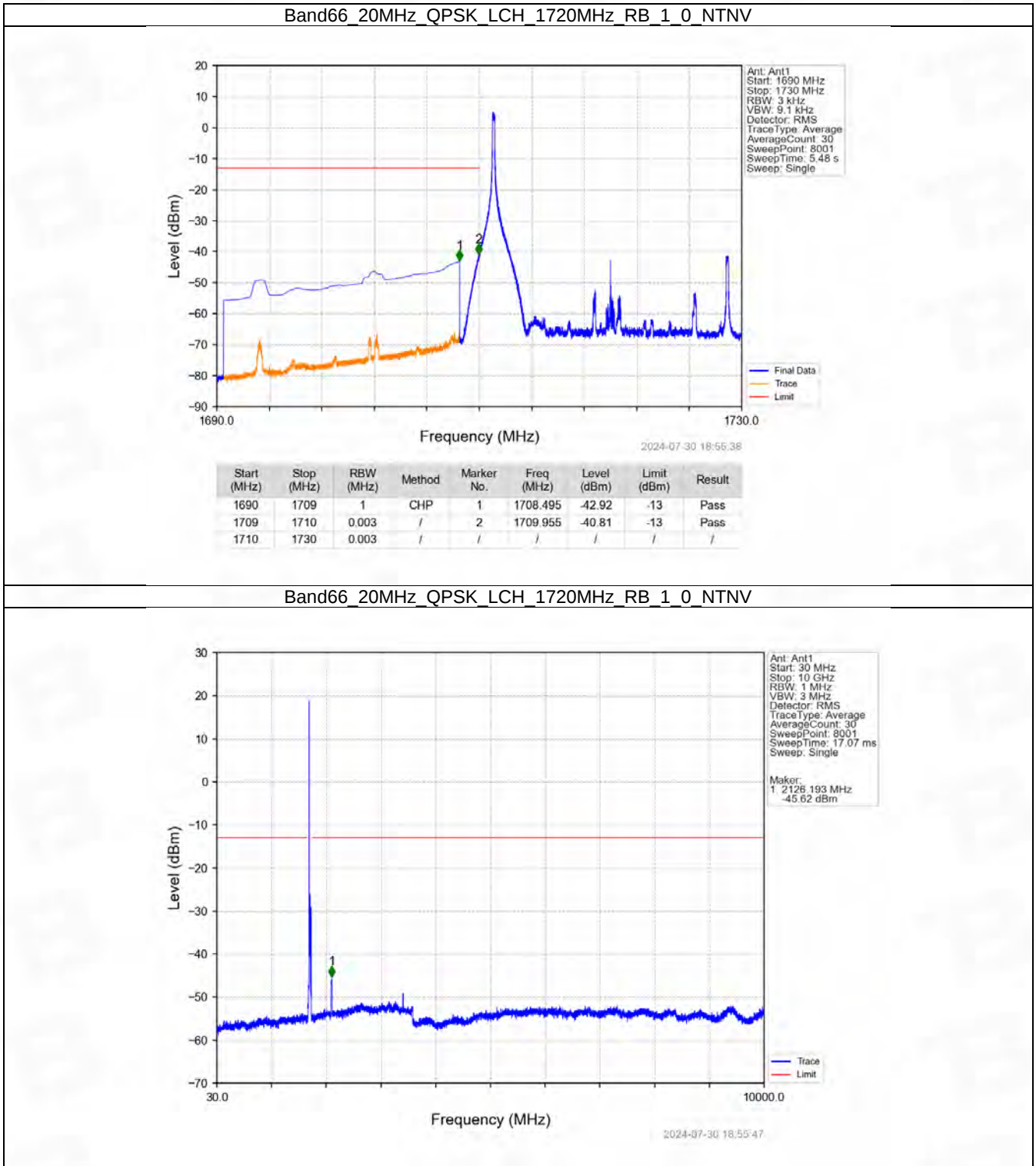
Band66 15MHz 16QAM HCH 1772.5MHz RB 1 74 NTNV



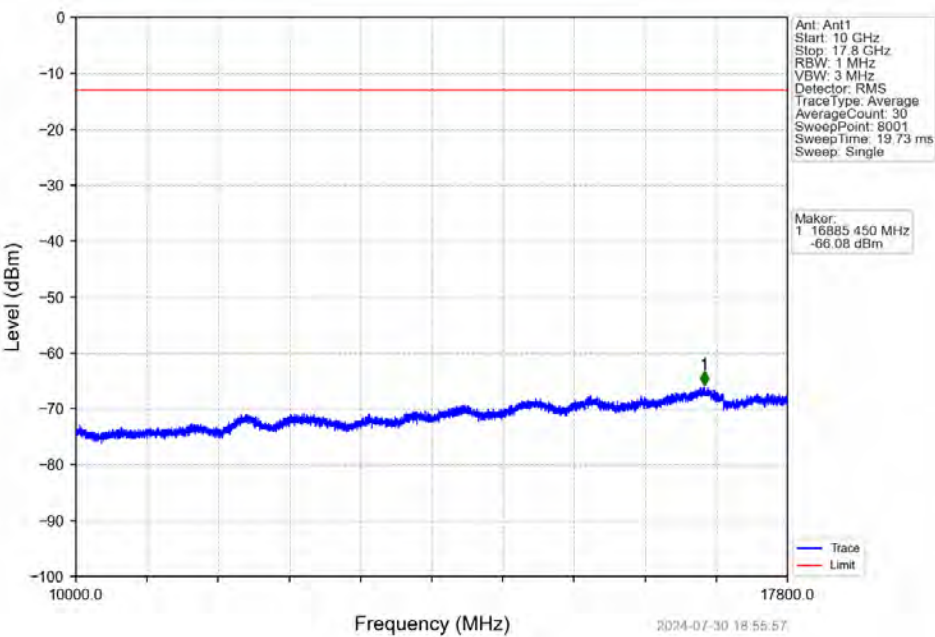
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



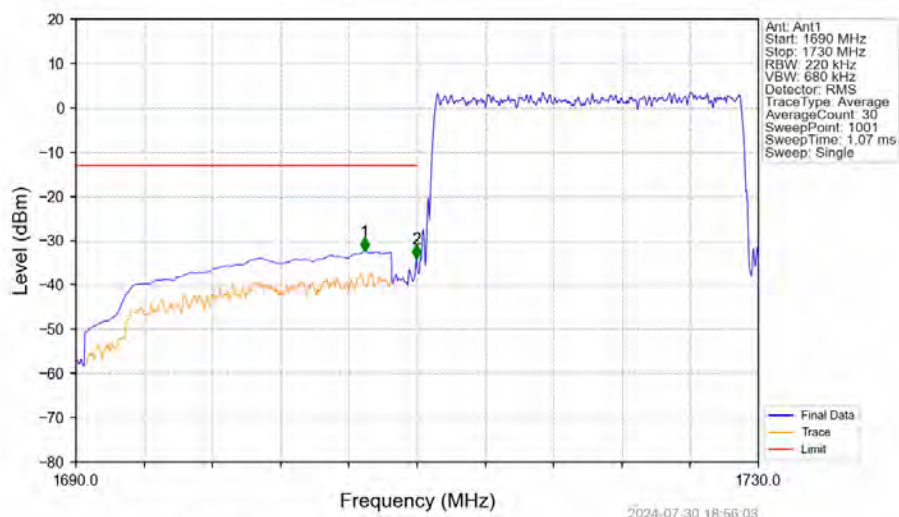
6.2.6 B66_20MHz



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTN

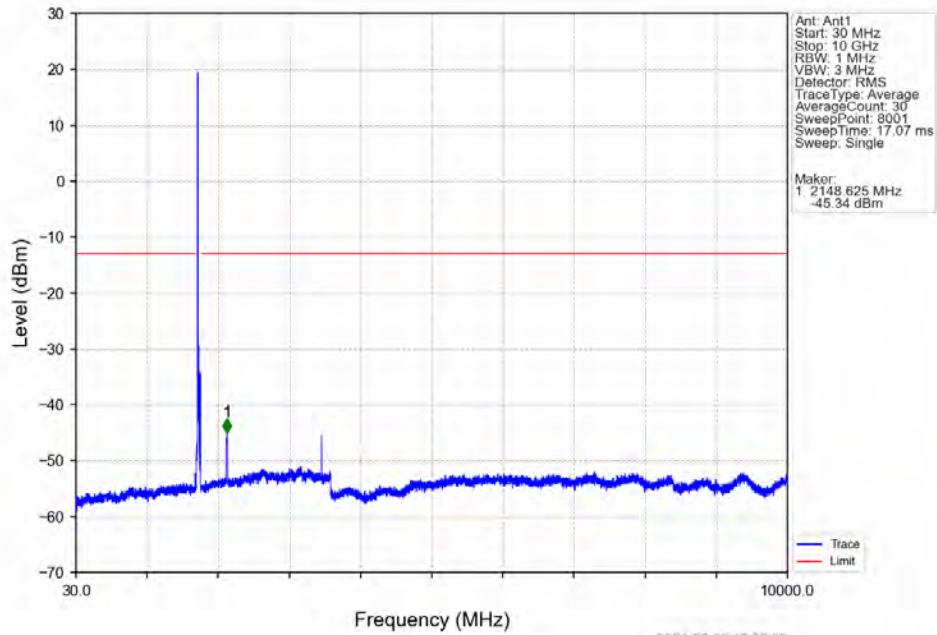


Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTN

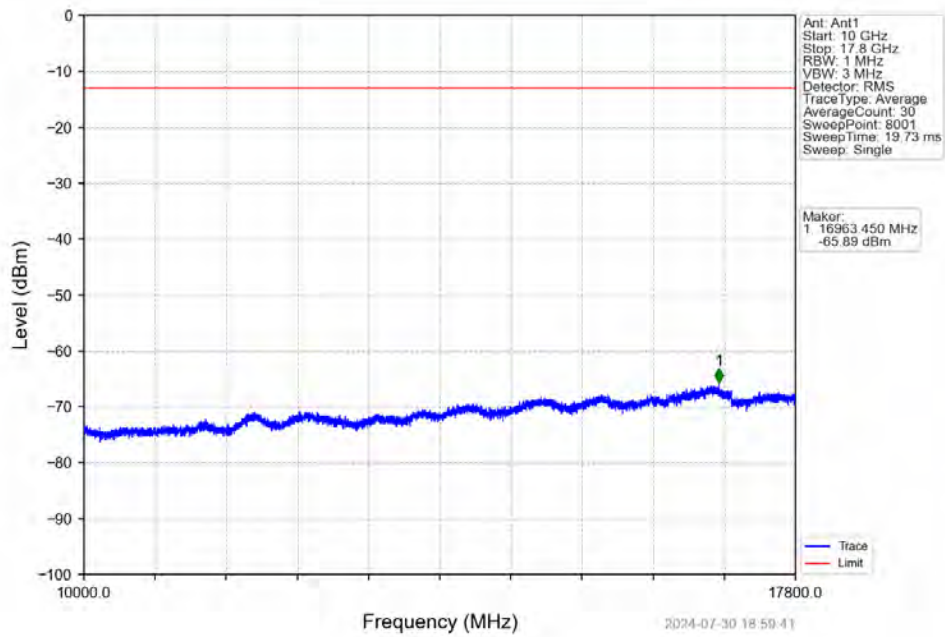


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1706.920	-32.45	-13	Pass
1709	1710	0.22	/	2	1709.960	-34.12	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

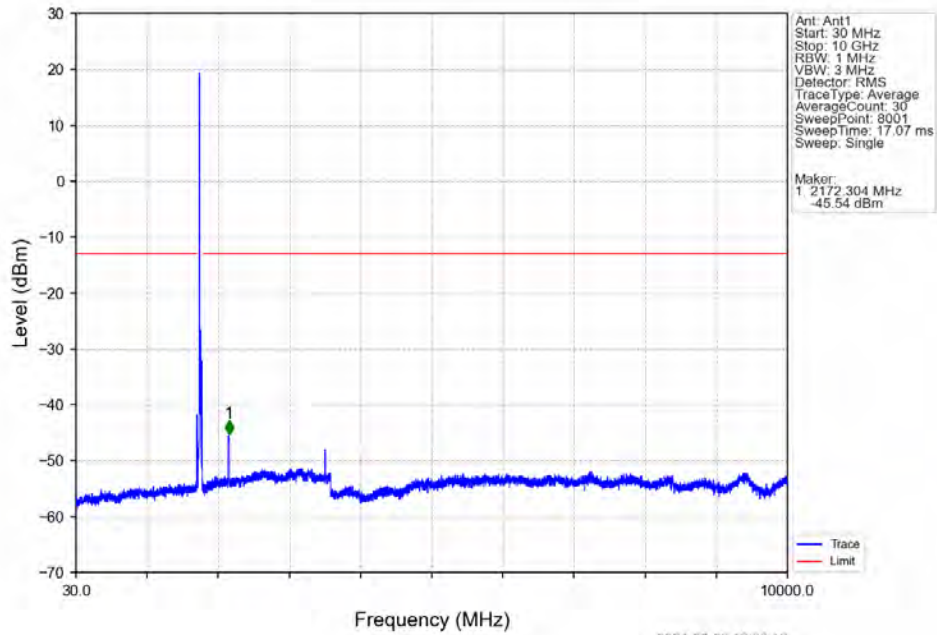
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



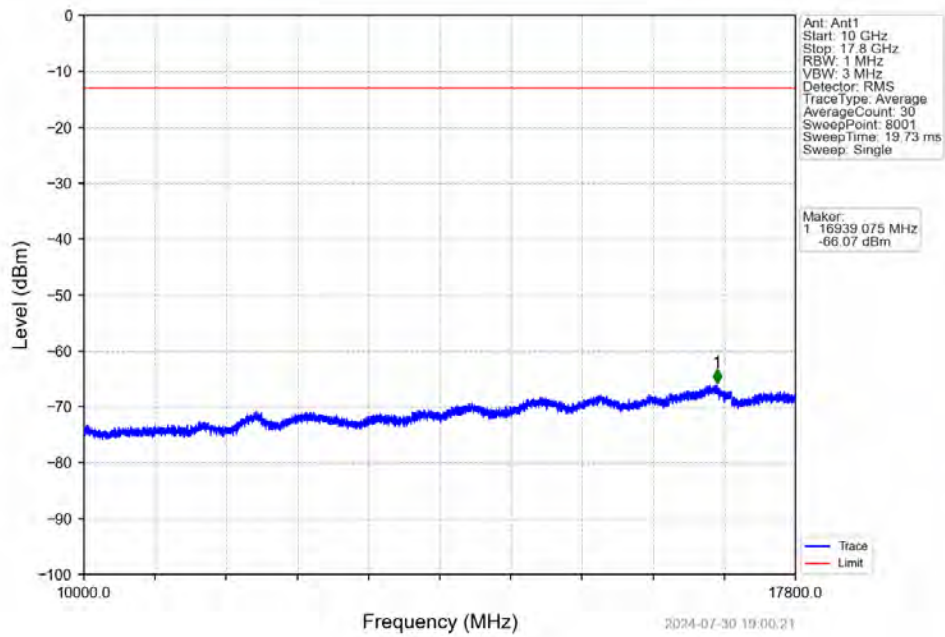
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



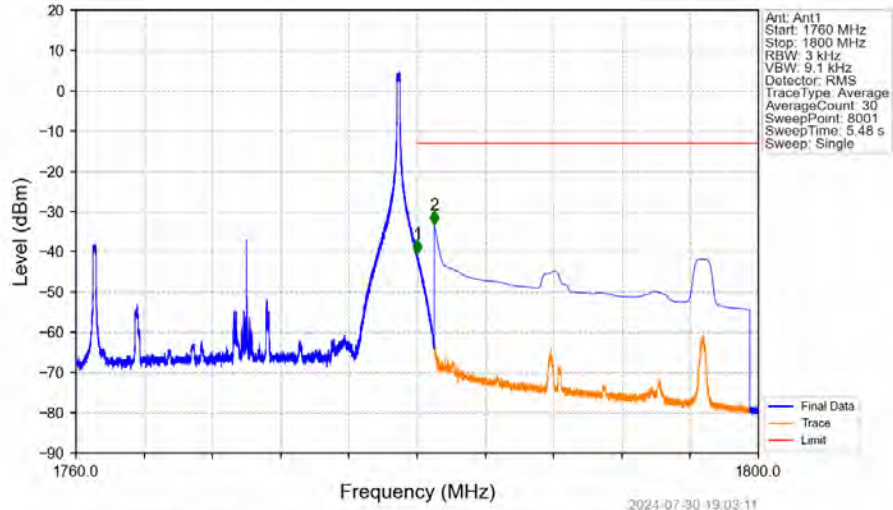
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



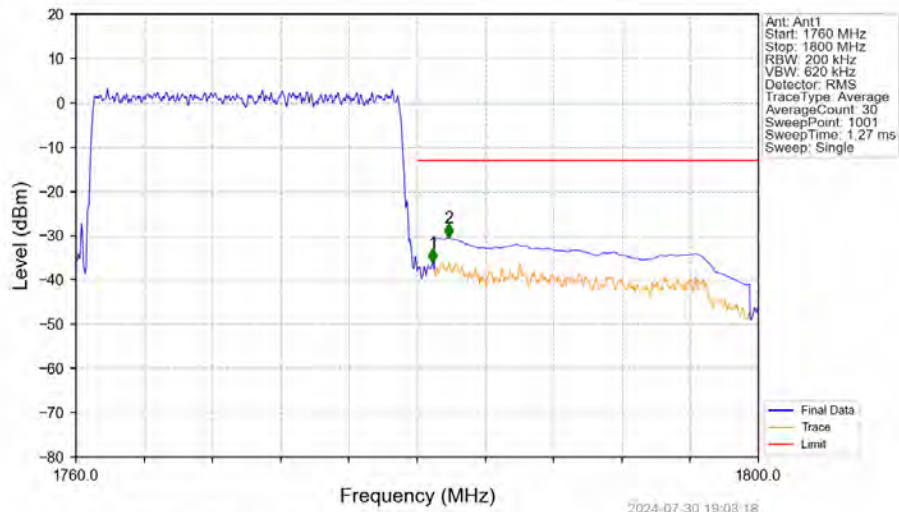
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



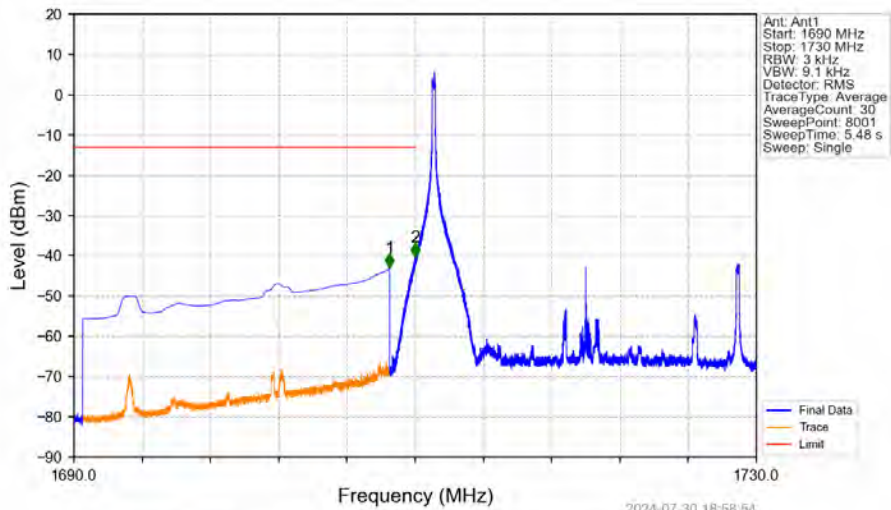
Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTNV



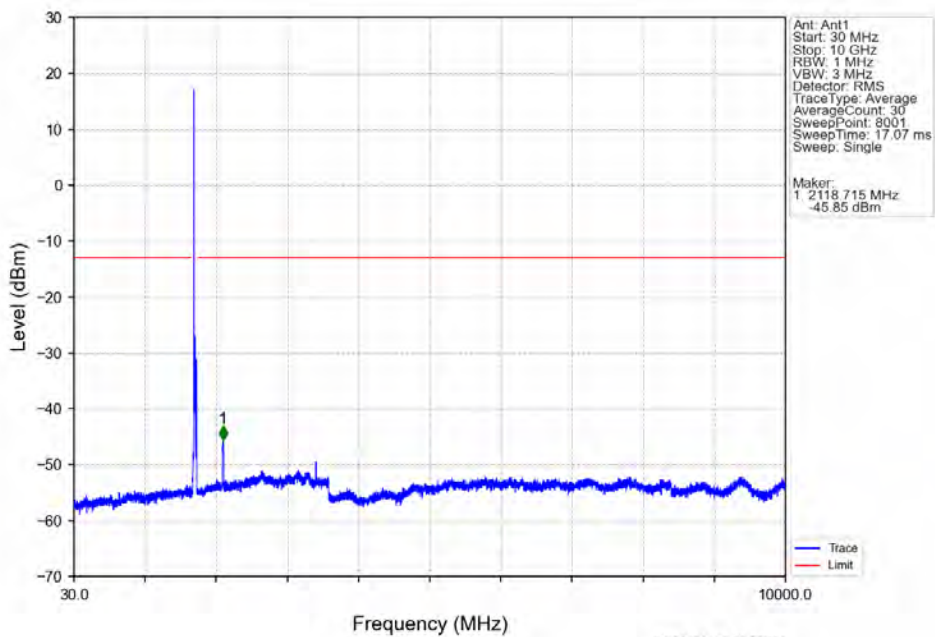
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



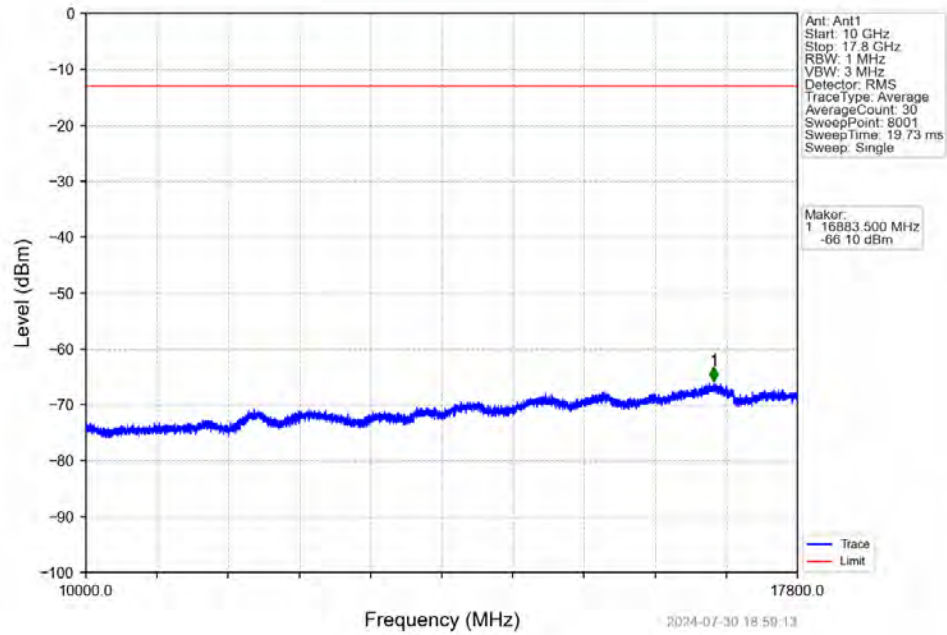
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



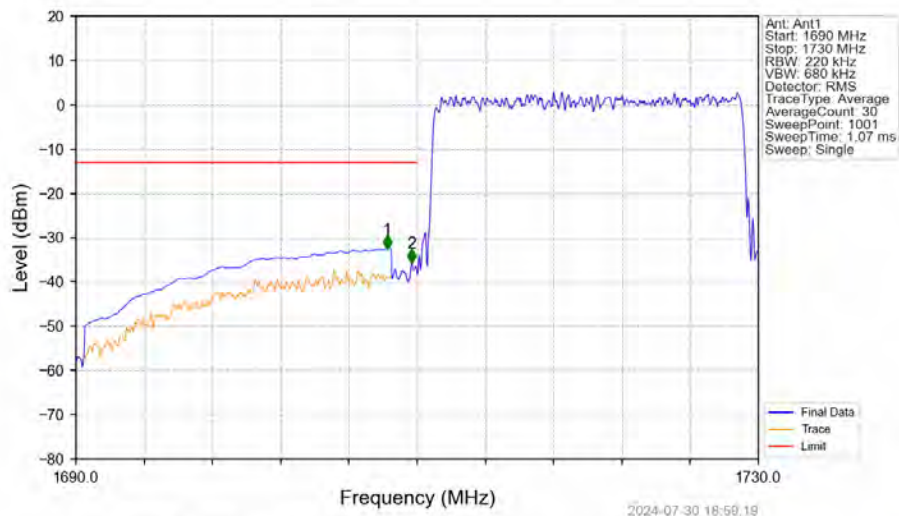
Band66 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



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

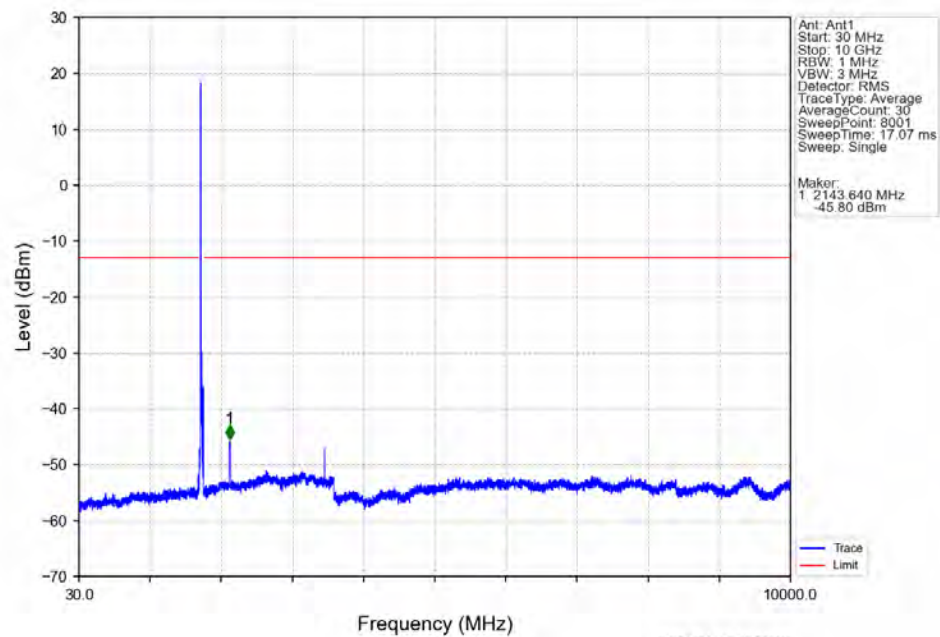


Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

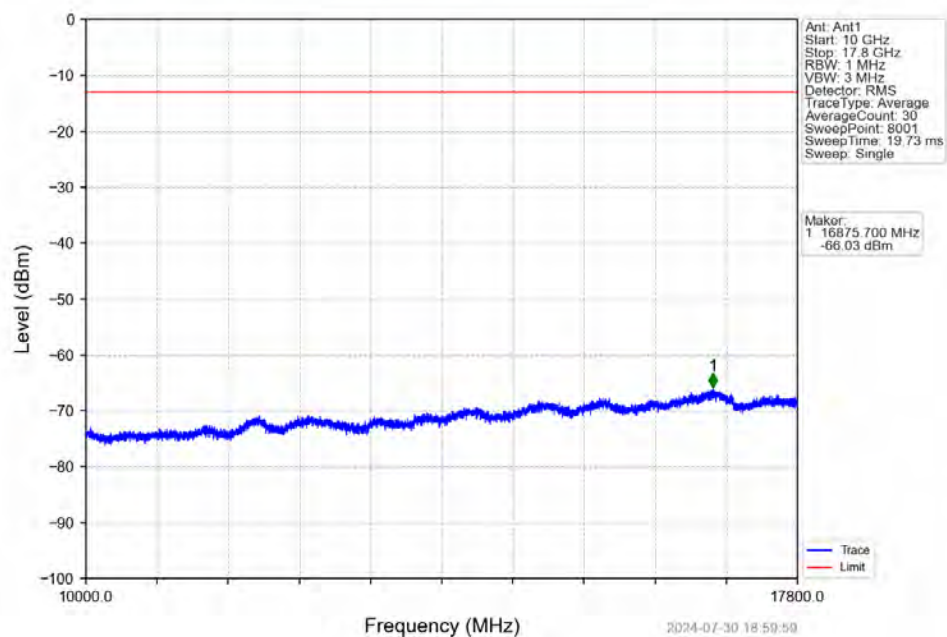


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.240	-32.50	-13	Pass
1709	1710	0.22	/	2	1709.680	-35.72	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

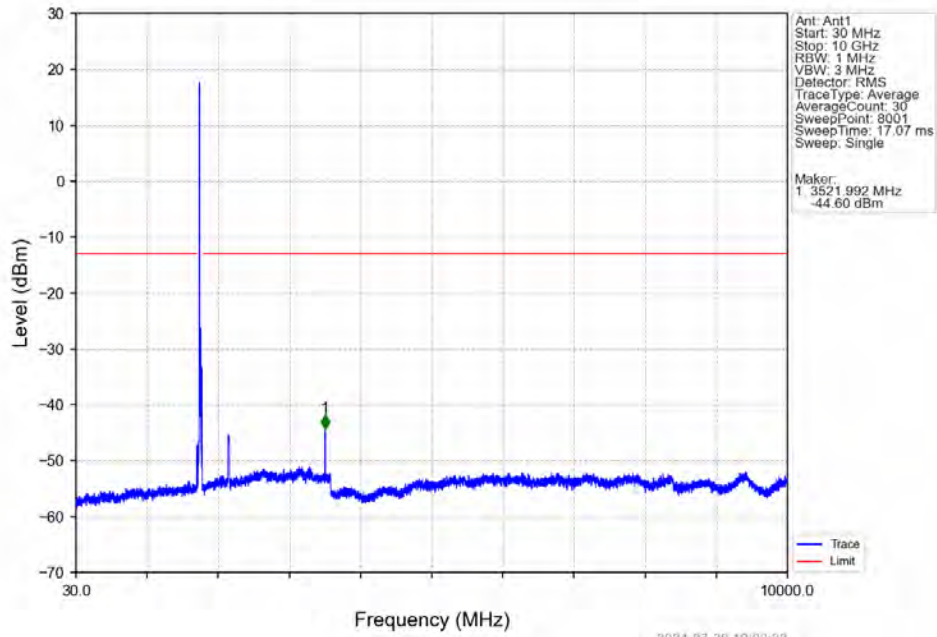
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



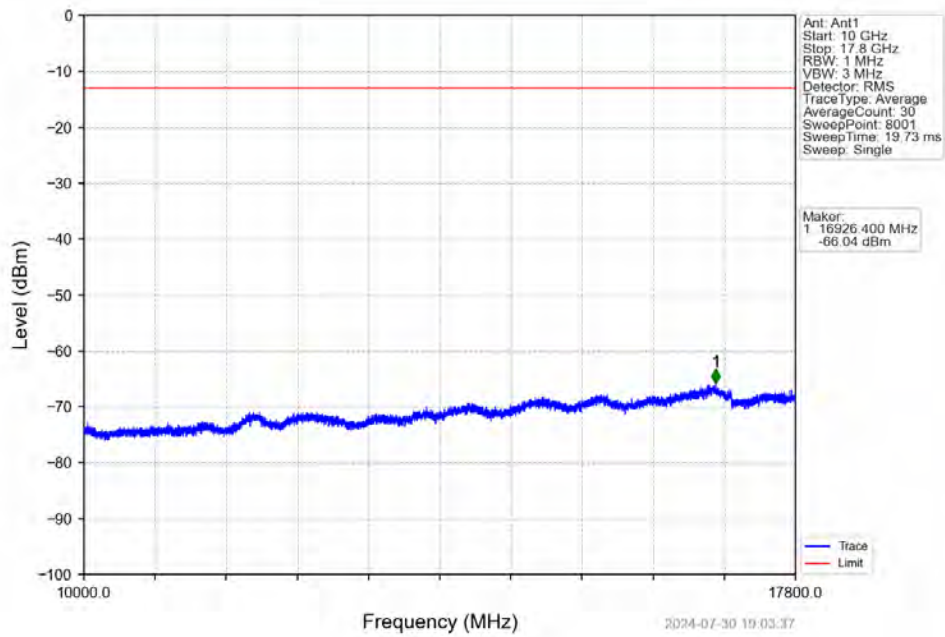
Band66 20MHz 16QAM MCH 1745MHz RB 1 0 NTNV



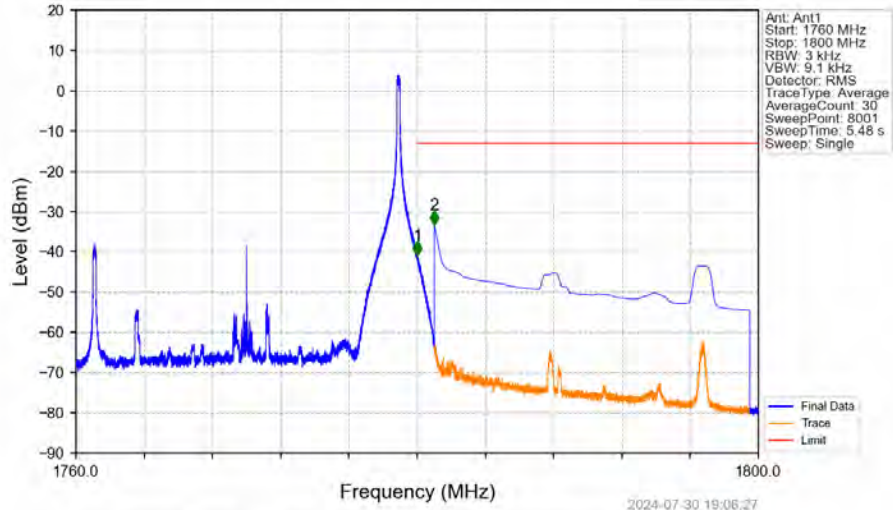
Band66 20MHz 16QAM HCH 1770MHz RB 1 0 NTNV



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

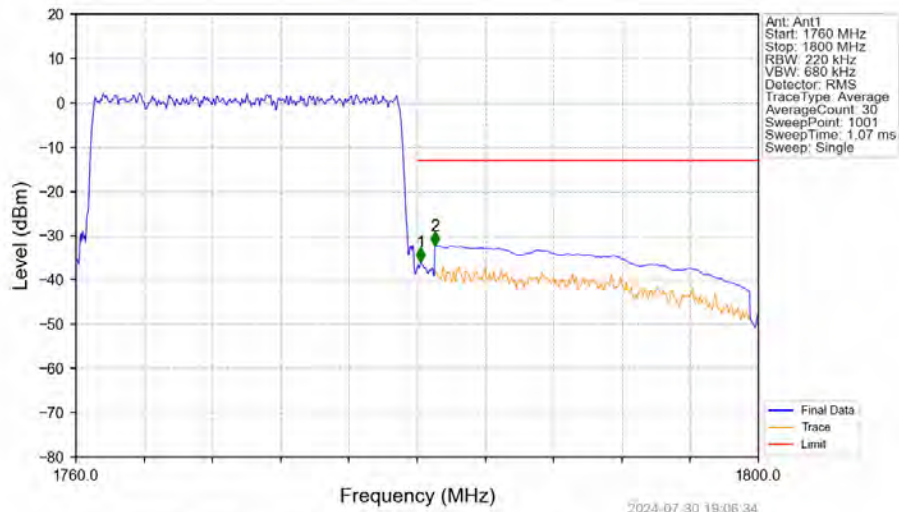


Band66 20MHz 16QAM HCH 1770MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-40.87	-13	Pass
1781	1800	1	CHP	2	1781.005	-33.31	-13	Pass

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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.22	/	/	/	/	/	/
1780	1781	0.22	/	1	1780.200	-35.81	-13	Pass
1781	1800	1	CHP	2	1781.040	-32.16	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

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	0.1552	0.0111	ppm	1M12G7D	27L	21.91
66	1.4	1710.7	1779.3	0.1279	0.0162	ppm	1M12W7D	27L	21.07
66	3	1711.5	1778.5	0.1585	0.0096	ppm	2M73G7D	27L	22.00
66	3	1711.5	1778.5	0.1419	0.0052	ppm	2M73W7D	27L	21.52
66	5	1712.5	1777.5	0.1528	0.0069	ppm	4M57G7D	27L	21.84
66	5	1712.5	1777.5	0.1256	0.0063	ppm	4M59W7D	27L	20.99
66	10	1715	1775	0.1567	0.0063	ppm	9M10G7D	27L	21.95
66	10	1715	1775	0.1406	0.0050	ppm	9M10W7D	27L	21.48
66	15	1717.5	1772.5	0.1517	0.0061	ppm	13M6G7D	27L	21.81
66	15	1717.5	1772.5	0.1371	0.0059	ppm	13M7W7D	27L	21.37
66	20	1720	1770	0.1570	0.0049	ppm	18M2G7D	27L	21.96
66	20	1720	1770	0.1387	0.0060	ppm	18M2W7D	27L	21.42

7.1.2 Form731_EIRP

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	0.1611	0.0111	ppm	1M12G7D	27L	22.07
66	1.4	1710.7	1779.3	0.1327	0.0162	ppm	1M12W7D	27L	21.23
66	3	1711.5	1778.5	0.1644	0.0096	ppm	2M73G7D	27L	22.16
66	3	1711.5	1778.5	0.1472	0.0052	ppm	2M73W7D	27L	21.68
66	5	1712.5	1777.5	0.1585	0.0069	ppm	4M57G7D	27L	22.00
66	5	1712.5	1777.5	0.1303	0.0063	ppm	4M59W7D	27L	21.15
66	10	1715	1775	0.1626	0.0063	ppm	9M10G7D	27L	22.11
66	10	1715	1775	0.1459	0.0050	ppm	9M10W7D	27L	21.64
66	15	1717.5	1772.5	0.1574	0.0061	ppm	13M6G7D	27L	21.97
66	15	1717.5	1772.5	0.1422	0.0059	ppm	13M7W7D	27L	21.53
66	20	1720	1770	0.1629	0.0049	ppm	18M2G7D	27L	22.12
66	20	1720	1770	0.1439	0.0060	ppm	18M2W7D	27L	21.58