

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.66	0.16	21.82	<=30	Pass
			2	21.79	0.16	21.95	<=30	Pass
			5	21.67	0.16	21.83	<=30	Pass
		3	0	21.72	0.16	21.88	<=30	Pass
			2	21.76	0.16	21.92	<=30	Pass
			3	21.75	0.16	21.91	<=30	Pass
		6	0	20.74	0.16	20.90	<=30	Pass
	1732.5	1	0	21.67	0.16	21.83	<=30	Pass
			2	21.76	0.16	21.92	<=30	Pass
			5	21.66	0.16	21.82	<=30	Pass
		3	0	21.78	0.16	21.94	<=30	Pass
			2	21.78	0.16	21.94	<=30	Pass
			3	21.74	0.16	21.90	<=30	Pass
		6	0	20.79	0.16	20.95	<=30	Pass
	1754.3	1	0	21.70	0.16	21.86	<=30	Pass
			2	21.80	0.16	21.96	<=30	Pass
			5	21.68	0.16	21.84	<=30	Pass
		3	0	21.80	0.16	21.96	<=30	Pass
			2	21.83	0.16	21.99	<=30	Pass
			3	21.76	0.16	21.92	<=30	Pass
		6	0	20.80	0.16	20.96	<=30	Pass
16QAM	1710.7	1	0	20.66	0.16	20.82	<=30	Pass
			2	20.77	0.16	20.93	<=30	Pass
			5	20.72	0.16	20.88	<=30	Pass
		3	0	20.79	0.16	20.95	<=30	Pass
			2	20.81	0.16	20.97	<=30	Pass
			3	20.78	0.16	20.94	<=30	Pass
		6	0	19.64	0.16	19.80	<=30	Pass
	1732.5	1	0	20.80	0.16	20.96	<=30	Pass
			2	20.94	0.16	21.10	<=30	Pass
			5	20.82	0.16	20.98	<=30	Pass
		3	0	20.67	0.16	20.83	<=30	Pass
			2	20.70	0.16	20.86	<=30	Pass
			3	20.69	0.16	20.85	<=30	Pass
		6	0	19.74	0.16	19.90	<=30	Pass
	1754.3	1	0	20.65	0.16	20.81	<=30	Pass
			2	20.74	0.16	20.90	<=30	Pass
			5	20.66	0.16	20.82	<=30	Pass
		3	0	20.90	0.16	21.06	<=30	Pass
			2	20.97	0.16	21.13	<=30	Pass
			3	20.95	0.16	21.11	<=30	Pass
		6	0	19.76	0.16	19.92	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP

Band: 4 / 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	21.74	0.16	21.90	<=30	Pass	
			7	21.89	0.16	22.05	<=30	Pass	
			14	21.71	0.16	21.87	<=30	Pass	
		8	0	20.77	0.16	20.93	<=30	Pass	
			4	20.76	0.16	20.92	<=30	Pass	
			7	20.75	0.16	20.91	<=30	Pass	
		15	0	20.74	0.16	20.90	<=30	Pass	
		1732.5	1	0	21.70	0.16	21.86	<=30	Pass
				7	21.87	0.16	22.03	<=30	Pass
	14			21.71	0.16	21.87	<=30	Pass	
	8		0	20.77	0.16	20.93	<=30	Pass	
			4	20.80	0.16	20.96	<=30	Pass	
			7	20.76	0.16	20.92	<=30	Pass	
	15	0	20.74	0.16	20.90	<=30	Pass		
	1753.5	1	0	21.81	0.16	21.97	<=30	Pass	
			7	21.91	0.16	22.07	<=30	Pass	
			14	21.76	0.16	21.92	<=30	Pass	
		8	0	20.83	0.16	20.99	<=30	Pass	
			4	20.85	0.16	21.01	<=30	Pass	
			7	20.81	0.16	20.97	<=30	Pass	
		15	0	20.79	0.16	20.95	<=30	Pass	
16QAM		1711.5	1	0	20.77	0.16	20.93	<=30	Pass
				7	20.91	0.16	21.07	<=30	Pass
	14			20.75	0.16	20.91	<=30	Pass	
	8		0	19.80	0.16	19.96	<=30	Pass	
			4	19.84	0.16	20.00	<=30	Pass	
			7	19.81	0.16	19.97	<=30	Pass	
	15		0	19.78	0.16	19.94	<=30	Pass	
	1732.5	1	0	20.86	0.16	21.02	<=30	Pass	
			7	21.00	0.16	21.16	<=30	Pass	
			14	20.84	0.16	21.00	<=30	Pass	
		8	0	19.71	0.16	19.87	<=30	Pass	
			4	19.76	0.16	19.92	<=30	Pass	
			7	19.69	0.16	19.85	<=30	Pass	
	15	0	19.68	0.16	19.84	<=30	Pass		
	1753.5	1	0	21.25	0.16	21.41	<=30	Pass	
			7	21.35	0.16	21.51	<=30	Pass	
			14	21.21	0.16	21.37	<=30	Pass	
		8	0	19.92	0.16	20.08	<=30	Pass	
			4	19.98	0.16	20.14	<=30	Pass	
			7	19.94	0.16	20.10	<=30	Pass	
		15	0	19.83	0.16	19.99	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B4_5MHz_EIRP

Band: 4 / 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	21.57	0.16	21.73	<=30	Pass
			13	21.72	0.16	21.88	<=30	Pass
			24	21.56	0.16	21.72	<=30	Pass
		12	0	20.62	0.16	20.78	<=30	Pass
			6	20.73	0.16	20.89	<=30	Pass
			13	20.64	0.16	20.80	<=30	Pass

		25	0	20.64	0.16	20.80	<=30	Pass
	1732.5	1	0	21.57	0.16	21.73	<=30	Pass
			13	21.72	0.16	21.88	<=30	Pass
			24	21.59	0.16	21.75	<=30	Pass
			0	20.65	0.16	20.81	<=30	Pass
		12	6	20.72	0.16	20.88	<=30	Pass
			13	20.63	0.16	20.79	<=30	Pass
			25	0	20.63	0.16	20.79	<=30
	1752.5	1	0	21.62	0.16	21.78	<=30	Pass
			13	21.77	0.16	21.93	<=30	Pass
			24	21.61	0.16	21.77	<=30	Pass
		12	0	20.73	0.16	20.89	<=30	Pass
			6	20.76	0.16	20.92	<=30	Pass
			13	20.68	0.16	20.84	<=30	Pass
		25	0	20.68	0.16	20.84	<=30	Pass
16QAM	1712.5	1	0	20.69	0.16	20.85	<=30	Pass
			13	20.84	0.16	21.00	<=30	Pass
			24	20.64	0.16	20.80	<=30	Pass
		12	0	19.60	0.16	19.76	<=30	Pass
			6	19.69	0.16	19.85	<=30	Pass
			13	19.58	0.16	19.74	<=30	Pass
		25	0	19.67	0.16	19.83	<=30	Pass
	1732.5	1	0	20.82	0.16	20.98	<=30	Pass
			13	20.95	0.16	21.11	<=30	Pass
			24	20.78	0.16	20.94	<=30	Pass
		12	0	19.65	0.16	19.81	<=30	Pass
			6	19.73	0.16	19.89	<=30	Pass
			13	19.64	0.16	19.80	<=30	Pass
		25	0	19.62	0.16	19.78	<=30	Pass
	1752.5	1	0	20.45	0.16	20.61	<=30	Pass
			13	20.58	0.16	20.74	<=30	Pass
			24	20.43	0.16	20.59	<=30	Pass
		12	0	19.66	0.16	19.82	<=30	Pass
			6	19.72	0.16	19.88	<=30	Pass
			13	19.61	0.16	19.77	<=30	Pass
		25	0	19.69	0.16	19.85	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.70	0.16	21.86	<=30	Pass
			25	21.81	0.16	21.97	<=30	Pass
			49	21.68	0.16	21.84	<=30	Pass
		25	0	20.69	0.16	20.85	<=30	Pass
			13	20.71	0.16	20.87	<=30	Pass
			25	20.69	0.16	20.85	<=30	Pass
		50	0	20.64	0.16	20.80	<=30	Pass
	1732.5	1	0	21.62	0.16	21.78	<=30	Pass
			25	21.79	0.16	21.95	<=30	Pass
			49	21.70	0.16	21.86	<=30	Pass
		25	0	20.65	0.16	20.81	<=30	Pass
			13	20.71	0.16	20.87	<=30	Pass
			25	20.70	0.16	20.86	<=30	Pass
		50	0	20.64	0.16	20.80	<=30	Pass

	1750	1	0	21.76	0.16	21.92	<=30	Pass		
			25	21.93	0.16	22.09	<=30	Pass		
			49	21.71	0.16	21.87	<=30	Pass		
		25	0	20.74	0.16	20.90	<=30	Pass		
			13	20.72	0.16	20.88	<=30	Pass		
			25	20.68	0.16	20.84	<=30	Pass		
		50	0	20.72	0.16	20.88	<=30	Pass		
		16QAM	1715	1	0	20.69	0.16	20.85	<=30	Pass
					25	20.85	0.16	21.01	<=30	Pass
49	20.68				0.16	20.84	<=30	Pass		
25	0			19.78	0.16	19.94	<=30	Pass		
	13			19.78	0.16	19.94	<=30	Pass		
	25			19.79	0.16	19.95	<=30	Pass		
50	0			19.69	0.16	19.85	<=30	Pass		
1732.5	1			0	20.78	0.16	20.94	<=30	Pass	
				25	20.99	0.16	21.15	<=30	Pass	
			49	20.74	0.16	20.90	<=30	Pass		
	25		0	19.64	0.16	19.80	<=30	Pass		
			13	19.71	0.16	19.87	<=30	Pass		
			25	19.64	0.16	19.80	<=30	Pass		
	50		0	19.65	0.16	19.81	<=30	Pass		
	1750		1	0	21.14	0.16	21.30	<=30	Pass	
				25	21.29	0.16	21.45	<=30	Pass	
49				21.15	0.16	21.31	<=30	Pass		
25			0	19.80	0.16	19.96	<=30	Pass		
			13	19.76	0.16	19.92	<=30	Pass		
			25	19.72	0.16	19.88	<=30	Pass		
50			0	19.71	0.16	19.87	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.5 B4_15MHz_EIRP

Band: 4 / 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	21.59	0.16	21.75	<=30	Pass
			38	21.61	0.16	21.77	<=30	Pass
			74	21.67	0.16	21.83	<=30	Pass
		36	0	20.69	0.16	20.85	<=30	Pass
			18	20.71	0.16	20.87	<=30	Pass
			39	20.75	0.16	20.91	<=30	Pass
		75	0	20.71	0.16	20.87	<=30	Pass
	1732.5	1	0	21.52	0.16	21.68	<=30	Pass
			38	21.69	0.16	21.85	<=30	Pass
			74	21.55	0.16	21.71	<=30	Pass
		36	0	20.72	0.16	20.88	<=30	Pass
			18	20.80	0.16	20.96	<=30	Pass
			39	20.78	0.16	20.94	<=30	Pass
		75	0	20.75	0.16	20.91	<=30	Pass
	1747.5	1	0	21.57	0.16	21.73	<=30	Pass
			38	21.80	0.16	21.96	<=30	Pass
			74	21.61	0.16	21.77	<=30	Pass
		36	0	20.88	0.16	21.04	<=30	Pass
			18	20.89	0.16	21.05	<=30	Pass
			39	20.79	0.16	20.95	<=30	Pass
		75	0	20.88	0.16	21.04	<=30	Pass
16QAM	1717.5	1	0	20.91	0.16	21.07	<=30	Pass

		36	38	21.07	0.16	21.23	<=30	Pass
			74	20.98	0.16	21.14	<=30	Pass
			0	19.61	0.16	19.77	<=30	Pass
			18	19.68	0.16	19.84	<=30	Pass
			39	19.64	0.16	19.80	<=30	Pass
		75	0	19.66	0.16	19.82	<=30	Pass
	1732.5	1	0	20.72	0.16	20.88	<=30	Pass
			38	20.83	0.16	20.99	<=30	Pass
			74	20.74	0.16	20.90	<=30	Pass
		36	0	19.64	0.16	19.80	<=30	Pass
			18	19.73	0.16	19.89	<=30	Pass
			39	19.73	0.16	19.89	<=30	Pass
		75	0	19.72	0.16	19.88	<=30	Pass
	1747.5	1	0	21.03	0.16	21.19	<=30	Pass
			38	21.16	0.16	21.32	<=30	Pass
			74	21.12	0.16	21.28	<=30	Pass
		36	0	19.81	0.16	19.97	<=30	Pass
			18	19.82	0.16	19.98	<=30	Pass
			39	19.75	0.16	19.91	<=30	Pass
		75	0	19.78	0.16	19.94	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.40	0.16	21.56	<=30	Pass
			50	21.75	0.16	21.91	<=30	Pass
			99	21.41	0.16	21.57	<=30	Pass
		50	0	20.62	0.16	20.78	<=30	Pass
			25	20.70	0.16	20.86	<=30	Pass
			50	20.72	0.16	20.88	<=30	Pass
		100	0	20.73	0.16	20.89	<=30	Pass
	1732.5	1	0	21.43	0.16	21.59	<=30	Pass
			50	21.85	0.16	22.01	<=30	Pass
			99	21.44	0.16	21.60	<=30	Pass
		50	0	20.61	0.16	20.77	<=30	Pass
			25	20.65	0.16	20.81	<=30	Pass
			50	20.62	0.16	20.78	<=30	Pass
		100	0	20.65	0.16	20.81	<=30	Pass
	1745	1	0	21.43	0.16	21.59	<=30	Pass
			50	21.89	0.16	22.05	<=30	Pass
			99	21.45	0.16	21.61	<=30	Pass
		50	0	20.72	0.16	20.88	<=30	Pass
			25	20.71	0.16	20.87	<=30	Pass
			50	20.61	0.16	20.77	<=30	Pass
		100	0	20.68	0.16	20.84	<=30	Pass
16QAM	1720	1	0	21.00	0.16	21.16	<=30	Pass
			50	21.34	0.16	21.50	<=30	Pass
			99	20.96	0.16	21.12	<=30	Pass
		50	0	19.64	0.16	19.80	<=30	Pass
			25	19.68	0.16	19.84	<=30	Pass
			50	19.73	0.16	19.89	<=30	Pass
		100	0	19.73	0.16	19.89	<=30	Pass
	1732.5	1	0	20.64	0.16	20.80	<=30	Pass
			50	20.96	0.16	21.12	<=30	Pass

		50	99	20.55	0.16	20.71	<=30	Pass	
			0	19.57	0.16	19.73	<=30	Pass	
			25	19.67	0.16	19.83	<=30	Pass	
			50	19.62	0.16	19.78	<=30	Pass	
		100	0	19.66	0.16	19.82	<=30	Pass	
	1745	1	0	20.68	0.16	20.84	<=30	Pass	
			50	21.08	0.16	21.24	<=30	Pass	
			99	20.68	0.16	20.84	<=30	Pass	
		50	0	19.70	0.16	19.86	<=30	Pass	
			25	19.72	0.16	19.88	<=30	Pass	
			50	19.60	0.16	19.76	<=30	Pass	
		100	0	19.68	0.16	19.84	<=30	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / 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	-22.545	-0.0132	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.85	-18.525	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				30	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				40	3.85	-11.673	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-4.992	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0014	-2.5 to 2.5	Pass
					4.43	2.446	0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-20	3.85	5.078	0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-11.816	-0.0068	-2.5 to 2.5	Pass
				30	3.85	6.838	0.0039	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	-9.670	-0.0056	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-13.862	-0.0079	-2.5 to 2.5	Pass
					3.85	1.788	0.0010	-2.5 to 2.5	Pass
					4.43	-8.140	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-13.218	-0.0075	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				30	3.85	3.633	0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-3.490	-0.0020	-2.5 to 2.5	Pass
					3.85	-9.727	-0.0057	-2.5 to 2.5	Pass
					4.43	-6.022	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-11.029	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				10	3.85	5.536	0.0032	-2.5 to 2.5	Pass
				30	3.85	3.004	0.0018	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	-11.044	-0.0064	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.506	0.0026	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				10	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				30	3.85	1.788	0.0010	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-16.594	-0.0095	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
					4.43	1.831	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-9.570	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-13.003	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-13.804	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-14.334	-0.0082	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / 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	-9.012	-0.0053	-2.5 to 2.5	Pass
					3.85	-7.625	-0.0045	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-8.469	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-10.757	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-7.081	-0.0041	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-12.689	-0.0073	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
					4.43	-7.353	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-9.656	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass

				10	3.85	-10.200	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-9.098	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-15.006	-0.0086	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
					4.43	-10.486	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-9.370	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-7.052	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-9.642	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-12.488	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-2.589	-0.0015	-2.5 to 2.5	Pass
					3.85	-12.159	-0.0071	-2.5 to 2.5	Pass
					4.43	-3.161	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-8.883	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-8.683	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-11.945	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-9.384	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-8.669	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-13.876	-0.0081	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-4.535	-0.0026	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	3.047	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-8.683	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				30	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass
				50	3.85	0.329	0.0002	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-6.137	-0.0035	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	-12.374	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-3.591	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-11.444	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / 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	-7.181	-0.0042	-2.5 to 2.5	Pass
					3.85	-9.770	-0.0057	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0037	-2.5 to 2.5	Pass

				-30	3.85	-7.024	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-8.526	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0038	-2.5 to 2.5	Pass
				40	3.85	2.632	0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-9.198	-0.0053	-2.5 to 2.5	Pass
					3.85	0.587	0.0003	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-12.074	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-9.055	-0.0052	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-7.439	-0.0042	-2.5 to 2.5	Pass
					3.85	-8.497	-0.0048	-2.5 to 2.5	Pass
					4.43	-12.803	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-7.768	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.665	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-10.686	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-13.418	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-10.629	-0.0062	-2.5 to 2.5	Pass
					3.85	7.710	0.0045	-2.5 to 2.5	Pass
					4.43	-4.048	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-12.159	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-13.533	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-4.606	-0.0027	-2.5 to 2.5	Pass
					3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
					4.43	2.804	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	0.644	0.0004	-2.5 to 2.5	Pass
					3.85	1.602	0.0009	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-9.398	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass

				10	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-7.768	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / 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	-6.495	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
					4.43	-8.311	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-8.540	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.709	-0.0039	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-9.098	-0.0053	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-6.838	-0.0039	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-6.223	-0.0036	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-6.723	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-7.253	-0.0042	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-9.112	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-9.041	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-7.224	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.835	-0.0028	-2.5 to 2.5	Pass
					3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0031	-2.5 to 2.5	Pass

				-30	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-11.086	-0.0063	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.924	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-8.140	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0036	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	-6.795	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-6.280	-0.0036	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-6.380	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-9.270	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-9.141	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-8.140	-0.0047	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
					4.43	-7.939	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-8.082	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-6.237	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-10.428	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-7.324	-0.0042	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
				20	3.27	-6.194	-0.0036	-2.5 to 2.5	Pass
					3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
					4.43	-0.043	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-10.500	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
	1732.5	75	0	40	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
				20	3.27	-7.710	-0.0045	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
					4.43	-9.413	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-9.985	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
	1747.5	75	0	30	3.85	-6.981	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				20	3.27	-6.523	-0.0037	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-10.843	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-7.339	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-6.166	-0.0035	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / 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	-10.986	-0.0064	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
					4.43	-9.642	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-9.513	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-9.713	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-7.024	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.860	-0.0011	-2.5 to 2.5	Pass
					3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
					4.43	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass

				0	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				10	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.801	0.0005	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-7.024	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.478	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-6.309	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-8.726	-0.0051	-2.5 to 2.5	Pass
					3.85	-7.010	-0.0041	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-10.257	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-8.068	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-11.473	-0.0067	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-2.561	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.121	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
					4.43	-7.782	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-8.554	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0026	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

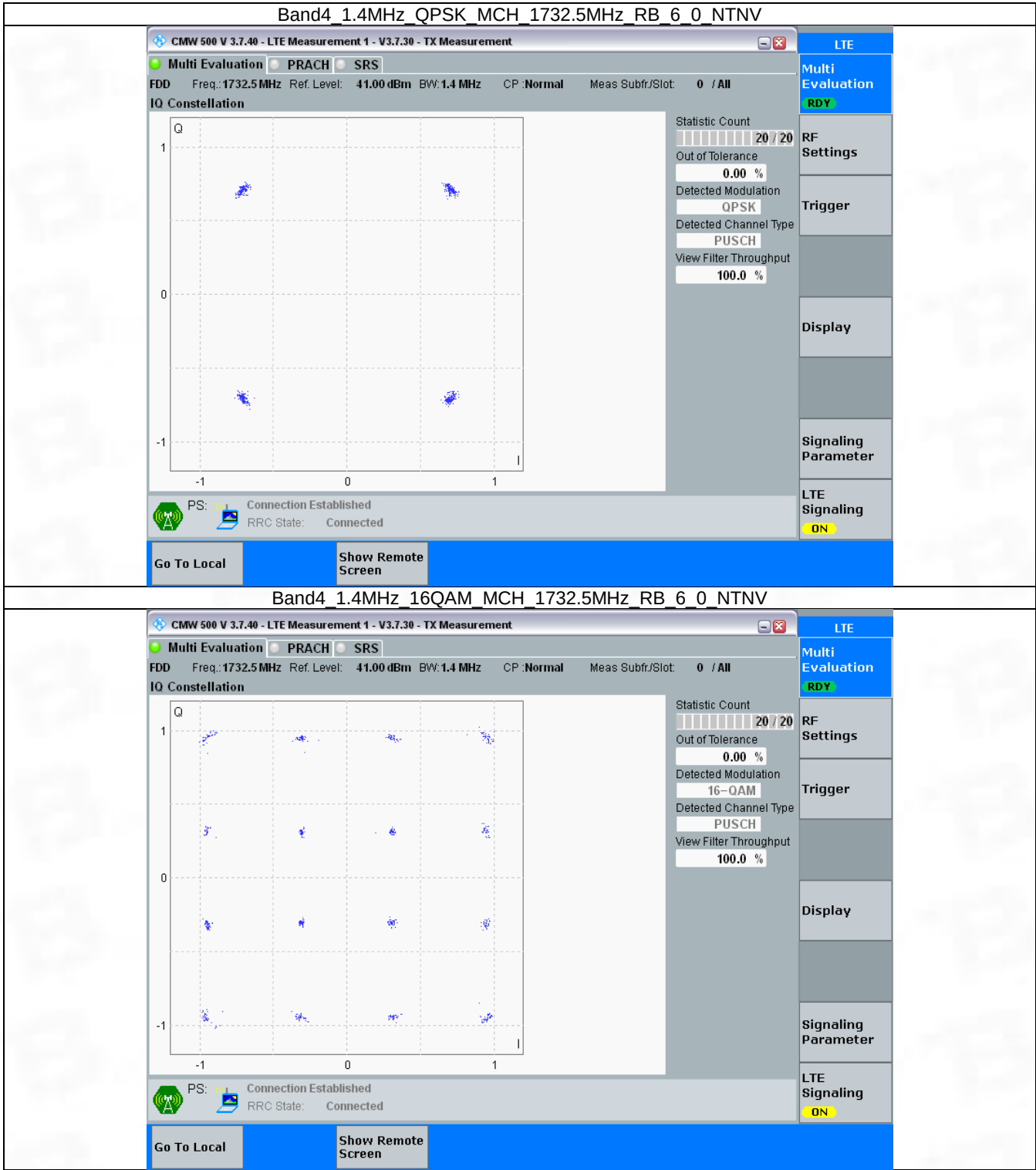
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

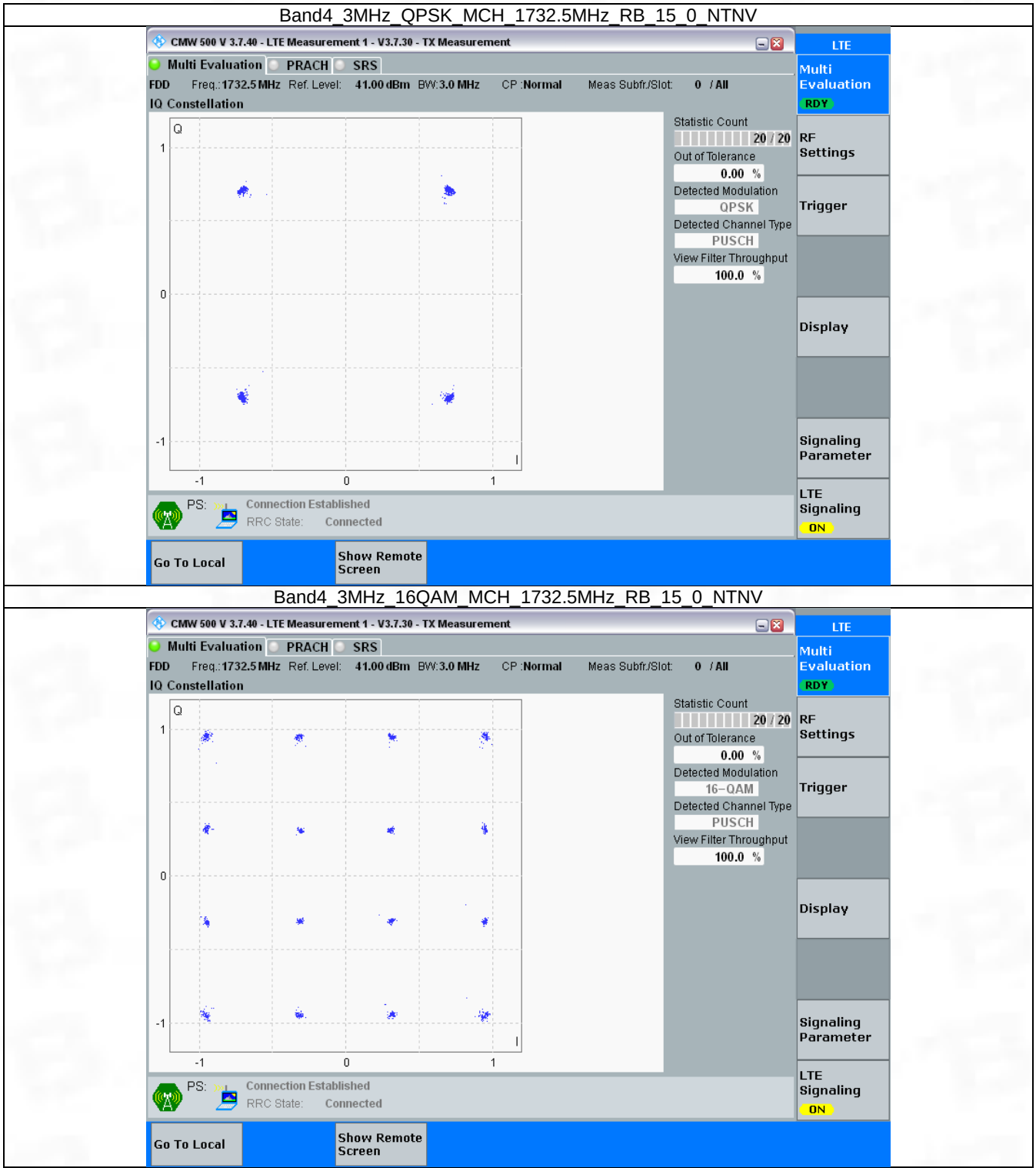
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

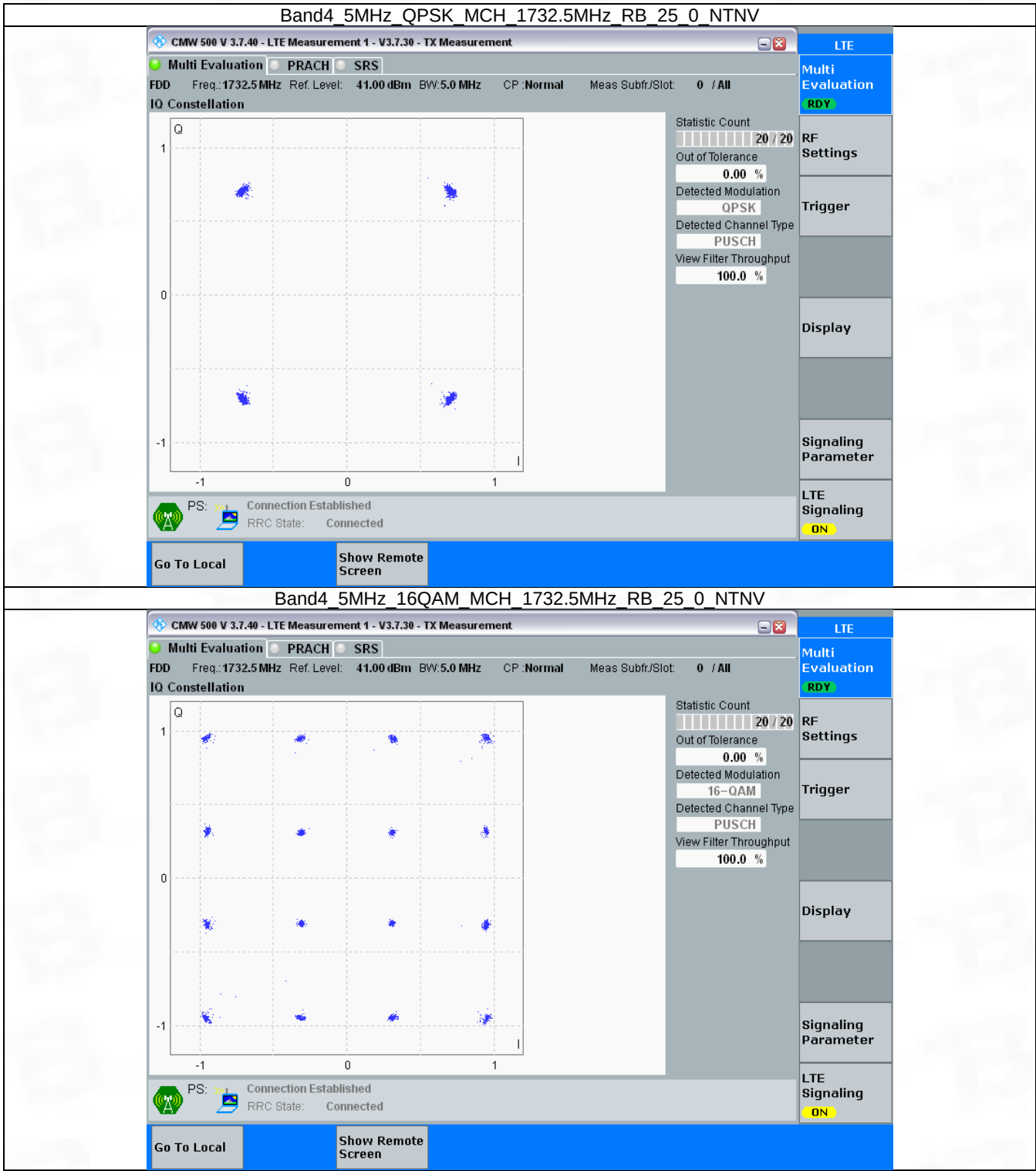
3.2.1 B4_1.4MHz



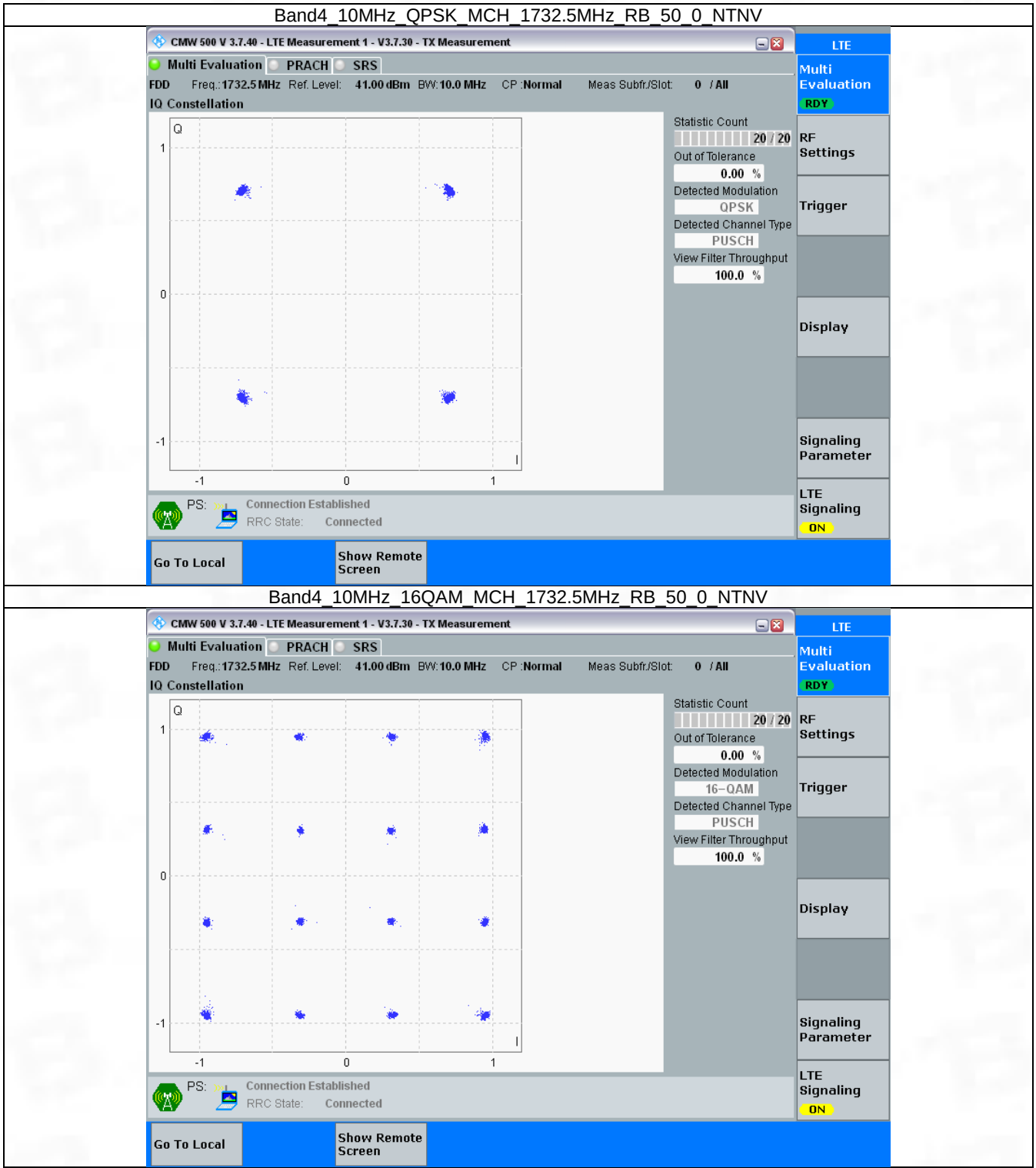
3.2.2 B4_3MHz



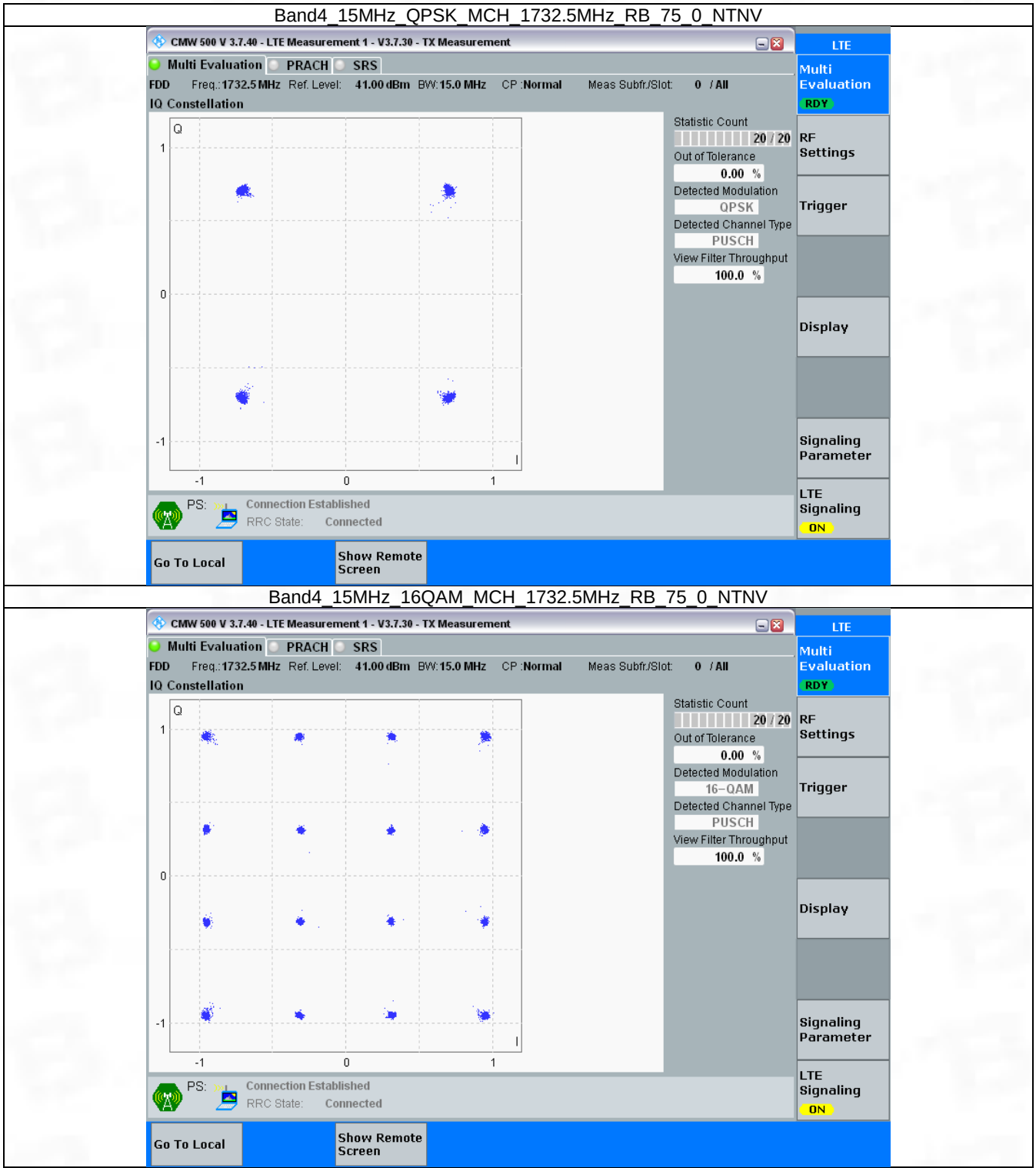
3.2.3 B4_5MHz



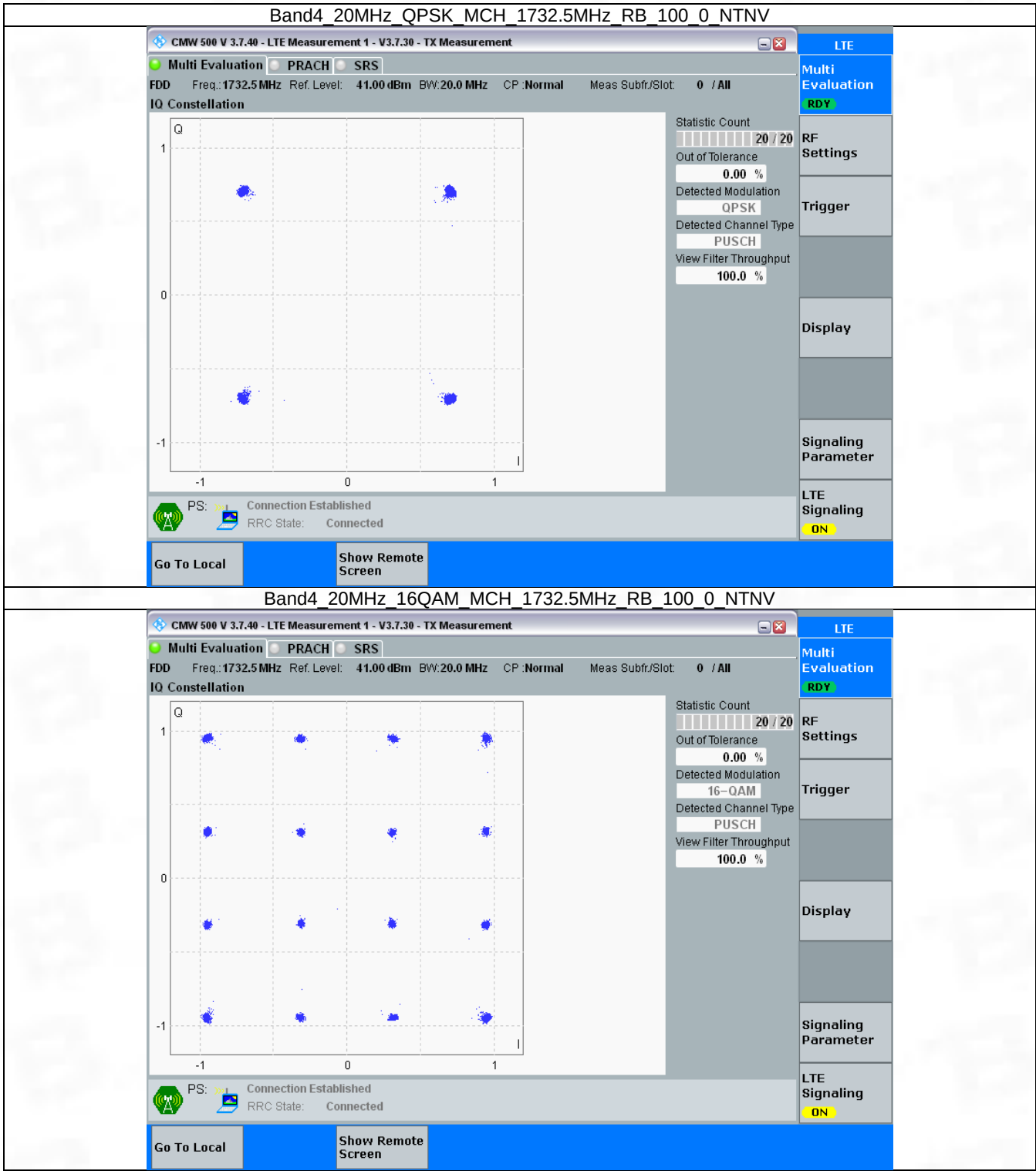
3.2.4 B4_10MHz



3.2.5 B4_15MHz



3.2.6 B4_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.118	/	Pass
		1732.5	6	0	1.108	/	Pass
		1754.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.109	/	Pass
		1754.3	6	0	1.115	/	Pass
3	QPSK	1711.5	15	0	2.727	/	Pass
		1732.5	15	0	2.719	/	Pass
		1753.5	15	0	2.732	/	Pass
	16QAM	1711.5	15	0	2.718	/	Pass
		1732.5	15	0	2.727	/	Pass
		1753.5	15	0	2.722	/	Pass
5	QPSK	1712.5	25	0	4.538	/	Pass
		1732.5	25	0	4.544	/	Pass
		1752.5	25	0	4.551	/	Pass
	16QAM	1712.5	25	0	4.544	/	Pass
		1732.5	25	0	4.555	/	Pass
		1752.5	25	0	4.538	/	Pass
10	QPSK	1715	50	0	9.057	/	Pass
		1732.5	50	0	9.028	/	Pass
		1750	50	0	9.066	/	Pass
	16QAM	1715	50	0	9.029	/	Pass
		1732.5	50	0	9.042	/	Pass
		1750	50	0	9.054	/	Pass
15	QPSK	1717.5	75	0	13.591	/	Pass
		1732.5	75	0	13.544	/	Pass
		1747.5	75	0	13.608	/	Pass
	16QAM	1717.5	75	0	13.561	/	Pass
		1732.5	75	0	13.583	/	Pass
		1747.5	75	0	13.570	/	Pass
20	QPSK	1720	100	0	18.124	/	Pass
		1732.5	100	0	18.131	/	Pass
		1745	100	0	18.103	/	Pass
	16QAM	1720	100	0	18.128	/	Pass
		1732.5	100	0	18.067	/	Pass
		1745	100	0	18.183	/	Pass

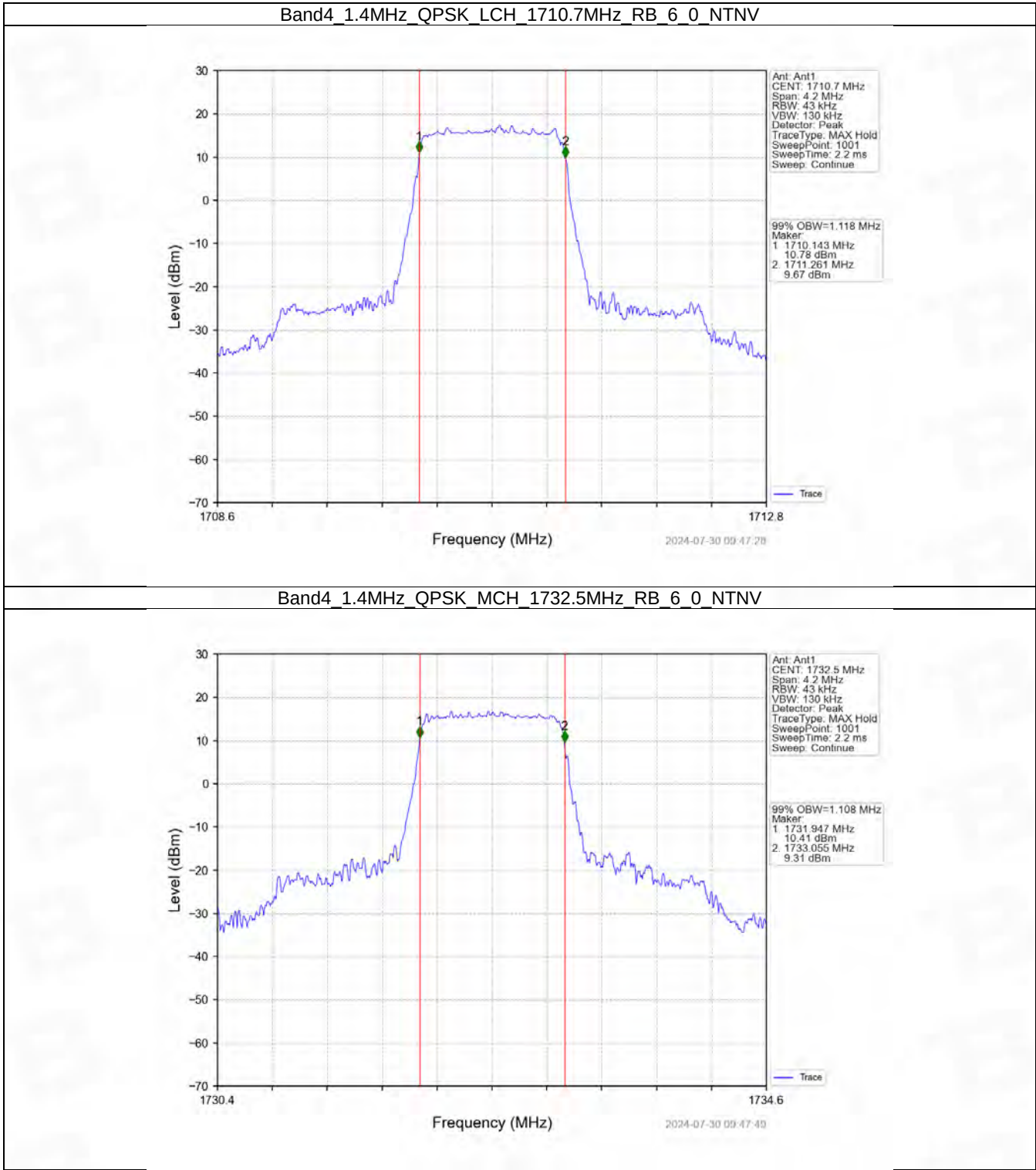
4.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.309	/	Pass
		1732.5	6	0	1.326	/	Pass
		1754.3	6	0	1.321	/	Pass

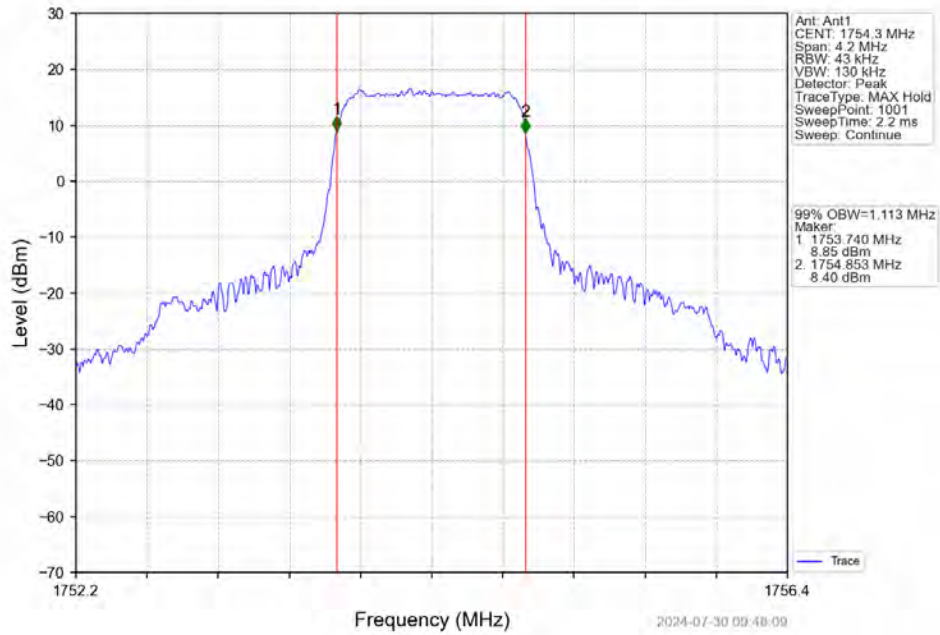
	16QAM	1710.7	6	0	1.332	/	Pass
		1732.5	6	0	1.303	/	Pass
		1754.3	6	0	1.317	/	Pass
3	QPSK	1711.5	15	0	2.998	/	Pass
		1732.5	15	0	2.988	/	Pass
		1753.5	15	0	3.018	/	Pass
	16QAM	1711.5	15	0	2.990	/	Pass
		1732.5	15	0	2.987	/	Pass
		1753.5	15	0	2.975	/	Pass
5	QPSK	1712.5	25	0	5.035	/	Pass
		1732.5	25	0	4.995	/	Pass
		1752.5	25	0	5.015	/	Pass
	16QAM	1712.5	25	0	5.039	/	Pass
		1732.5	25	0	5.021	/	Pass
		1752.5	25	0	5.001	/	Pass
10	QPSK	1715	50	0	9.919	/	Pass
		1732.5	50	0	9.886	/	Pass
		1750	50	0	10.001	/	Pass
	16QAM	1715	50	0	9.963	/	Pass
		1732.5	50	0	9.960	/	Pass
		1750	50	0	9.935	/	Pass
15	QPSK	1717.5	75	0	14.856	/	Pass
		1732.5	75	0	14.921	/	Pass
		1747.5	75	0	14.932	/	Pass
	16QAM	1717.5	75	0	14.979	/	Pass
		1732.5	75	0	14.877	/	Pass
		1747.5	75	0	14.825	/	Pass
20	QPSK	1720	100	0	19.798	/	Pass
		1732.5	100	0	19.669	/	Pass
		1745	100	0	19.622	/	Pass
	16QAM	1720	100	0	19.755	/	Pass
		1732.5	100	0	19.655	/	Pass
		1745	100	0	19.646	/	Pass

4.2 Test Graph

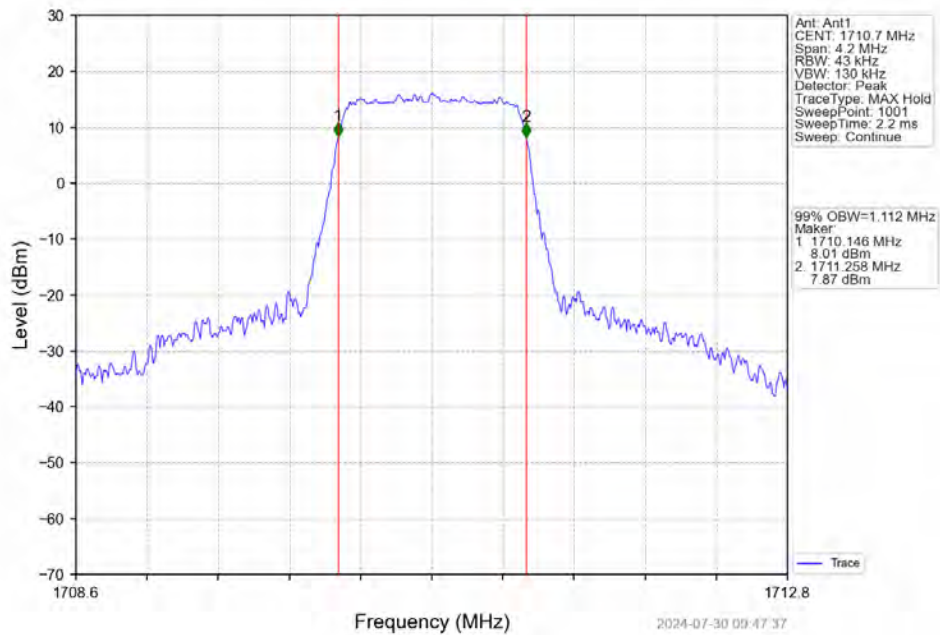
4.2.1 Band4_OBW



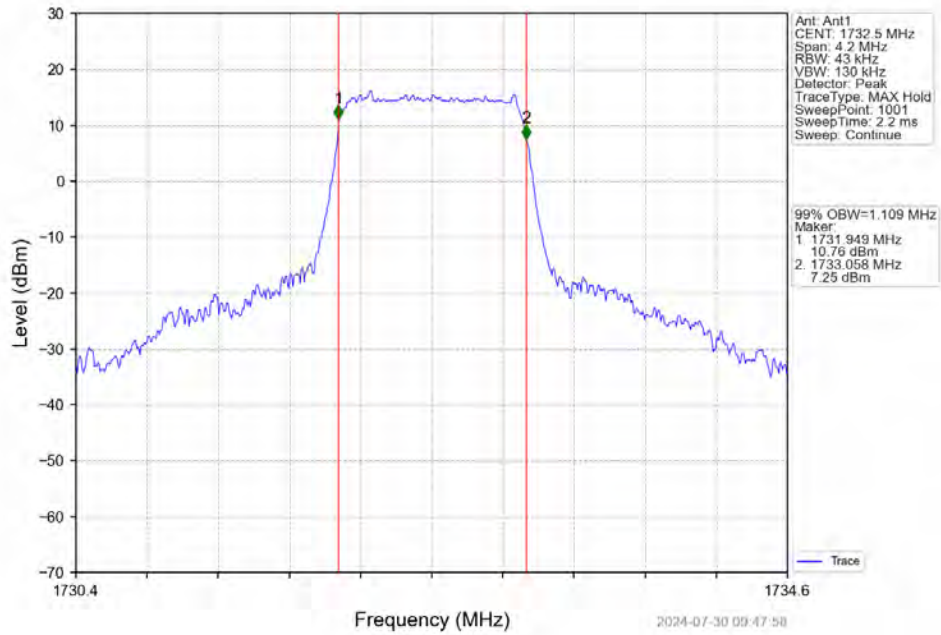
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



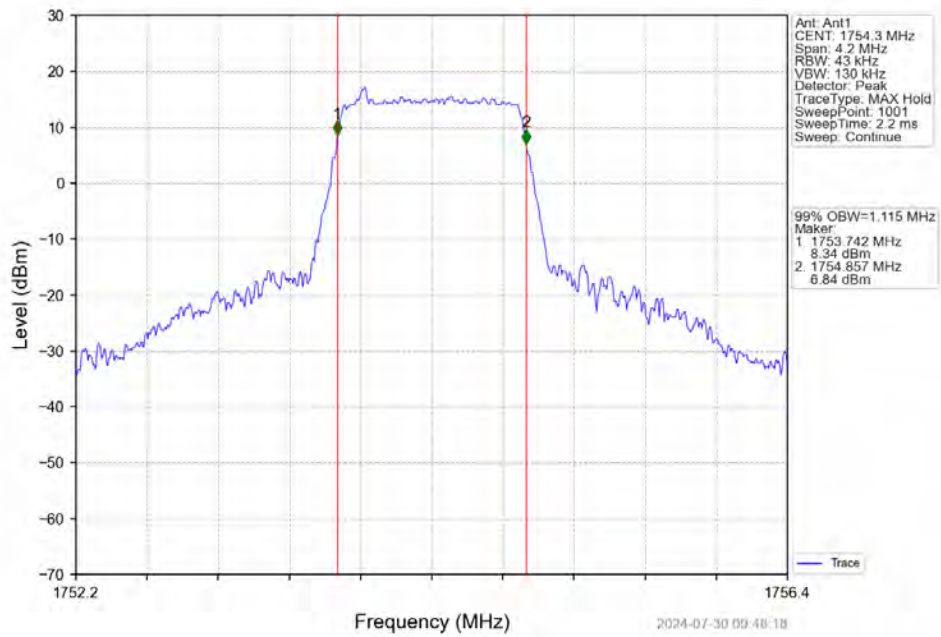
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



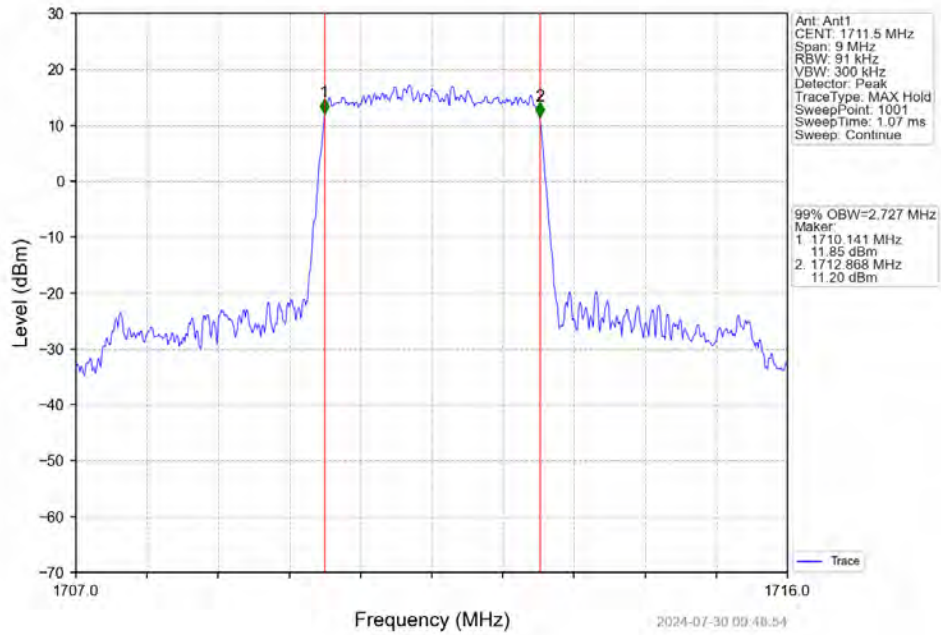
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



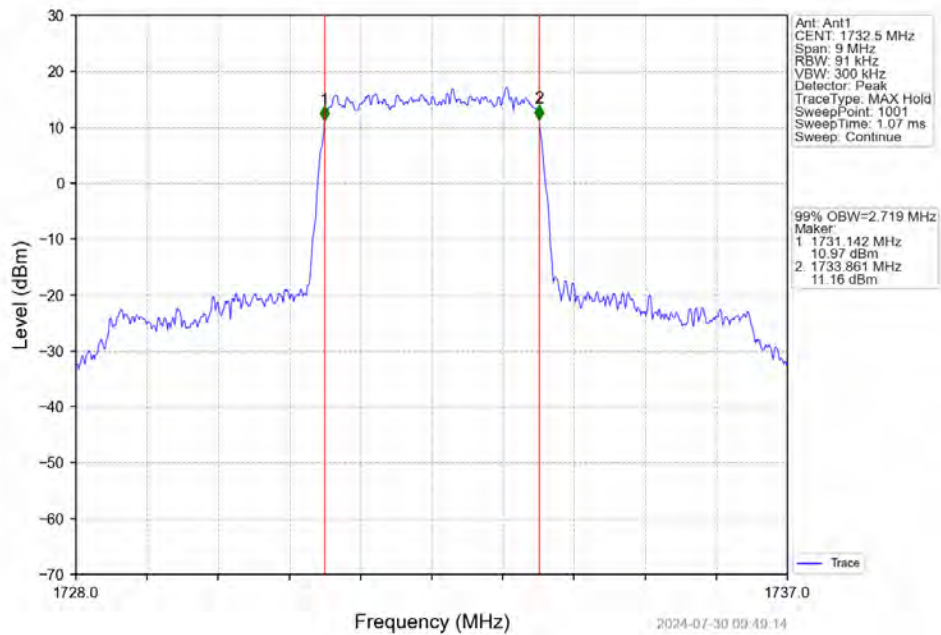
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



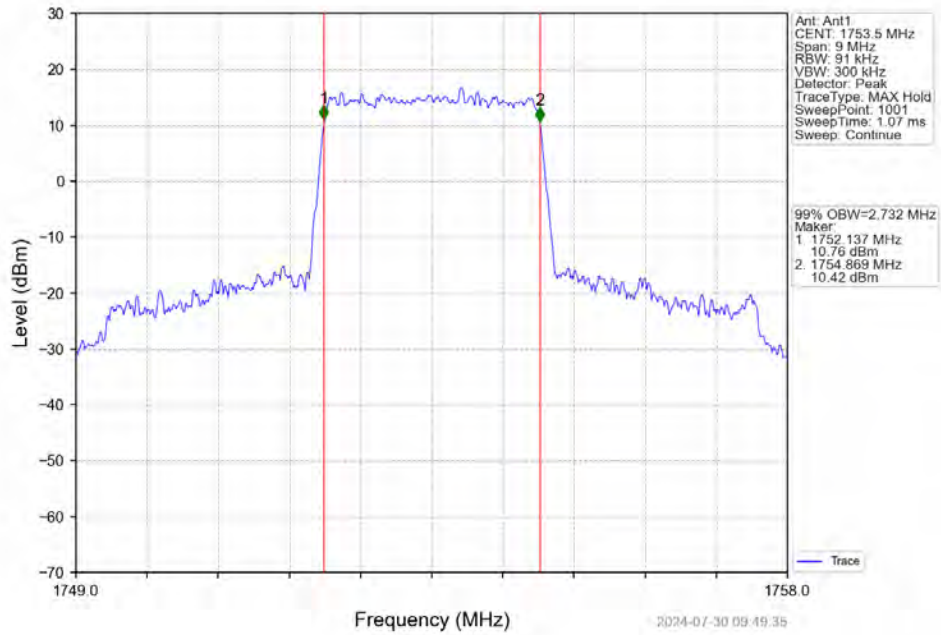
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



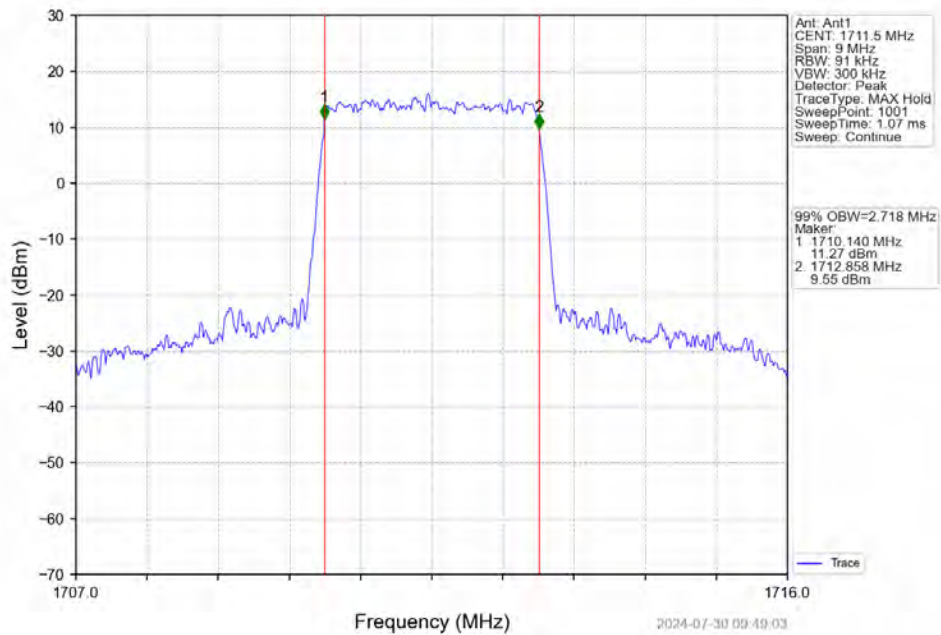
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



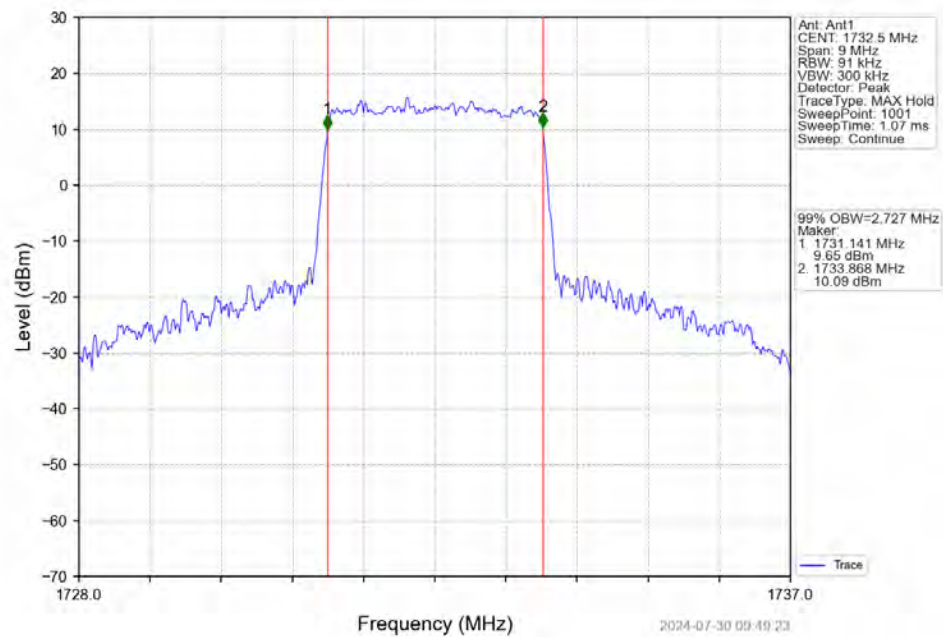
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



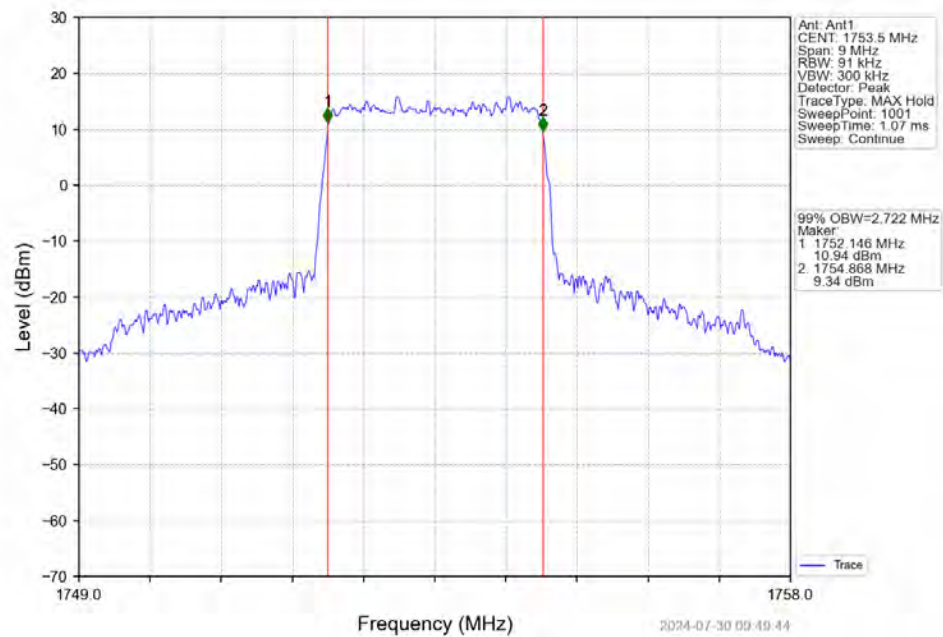
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



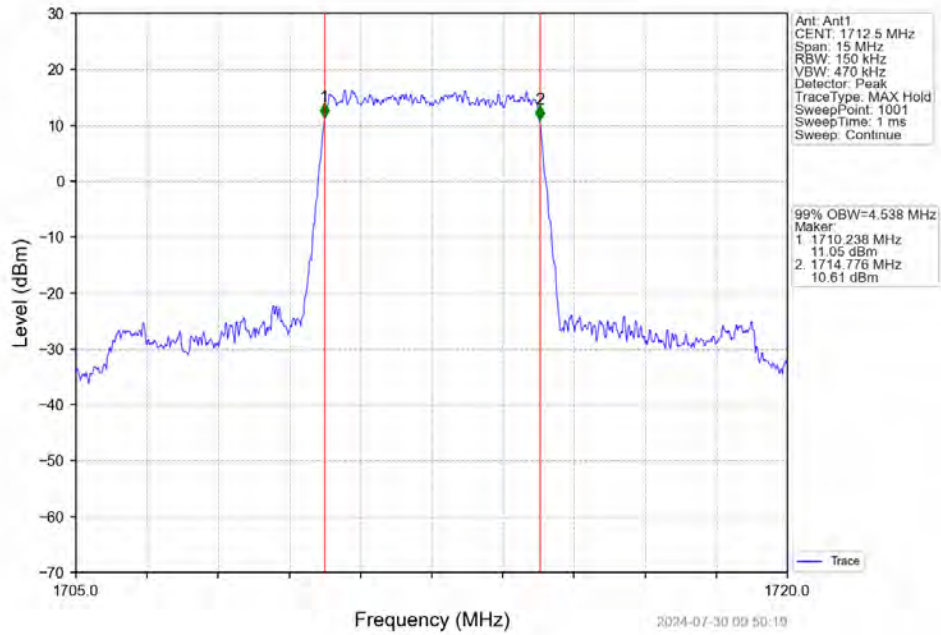
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



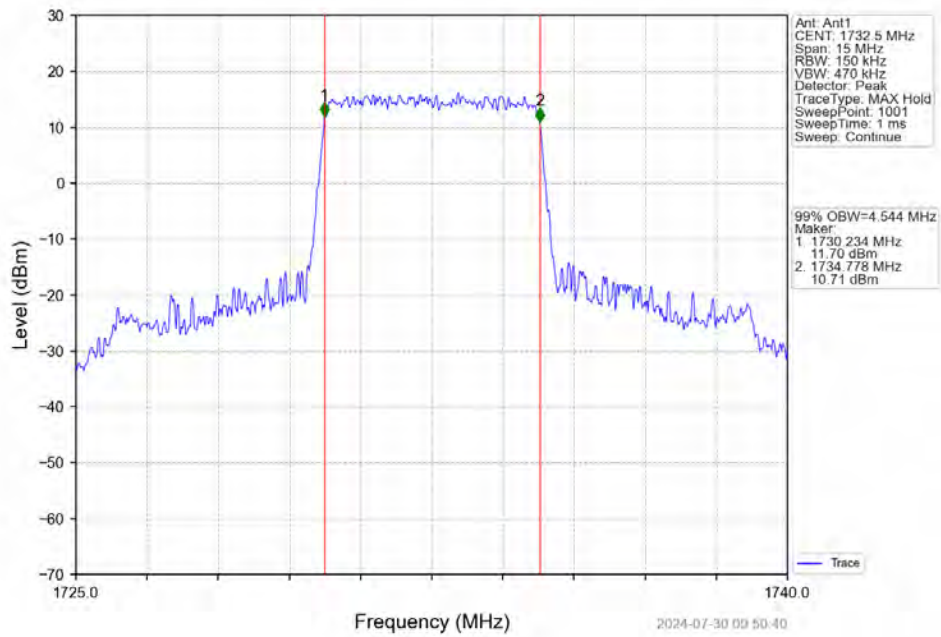
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



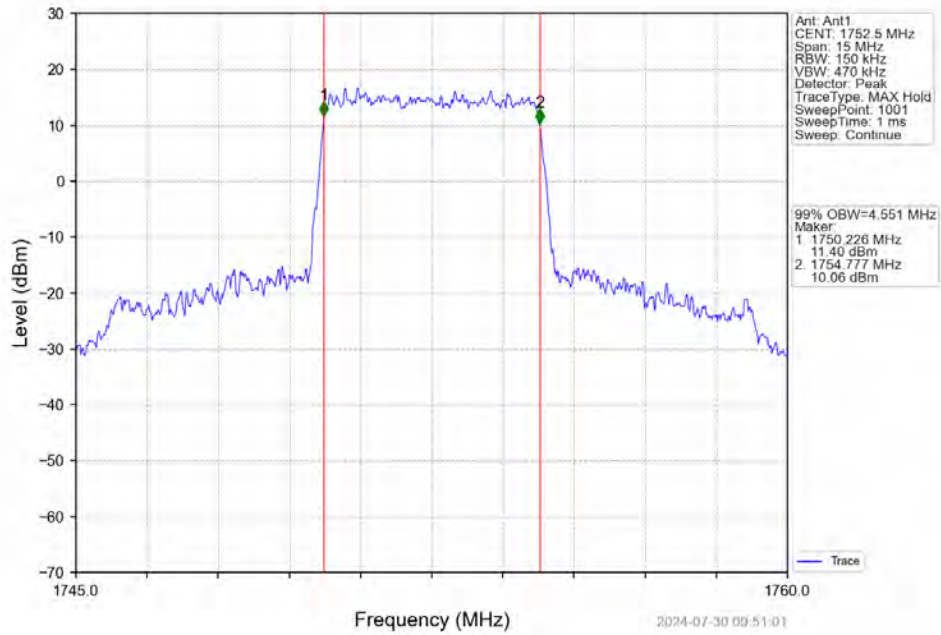
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



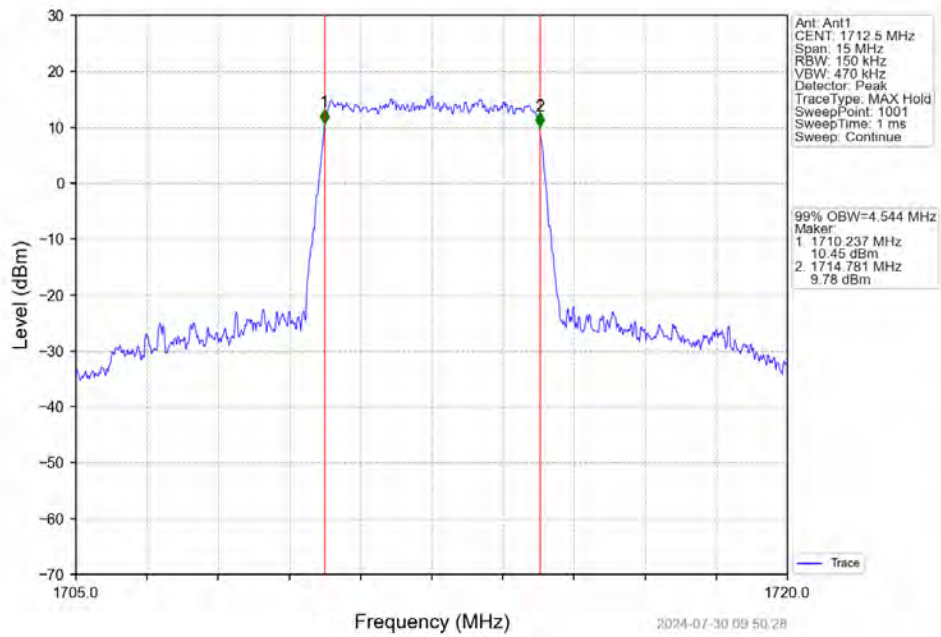
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



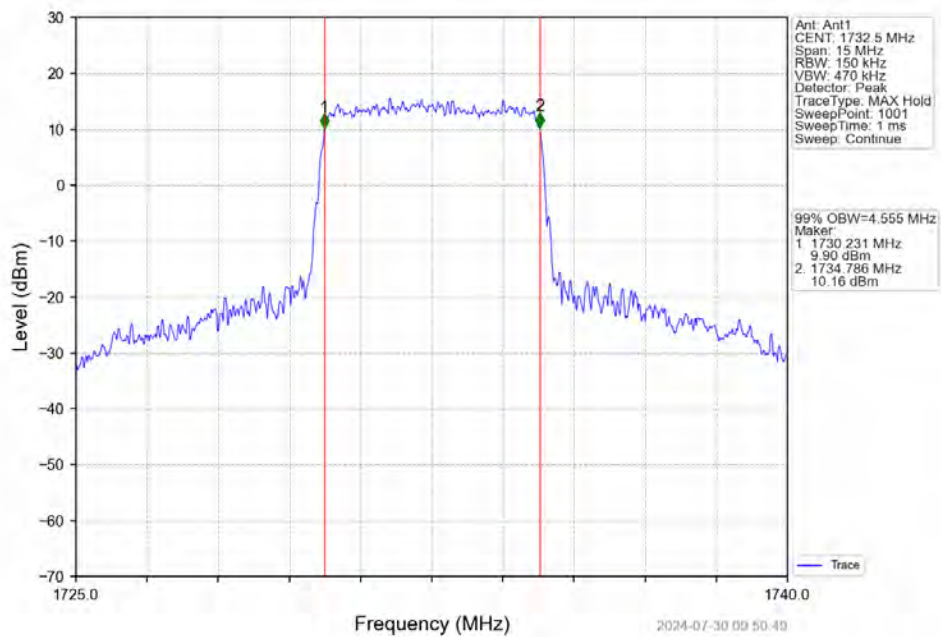
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



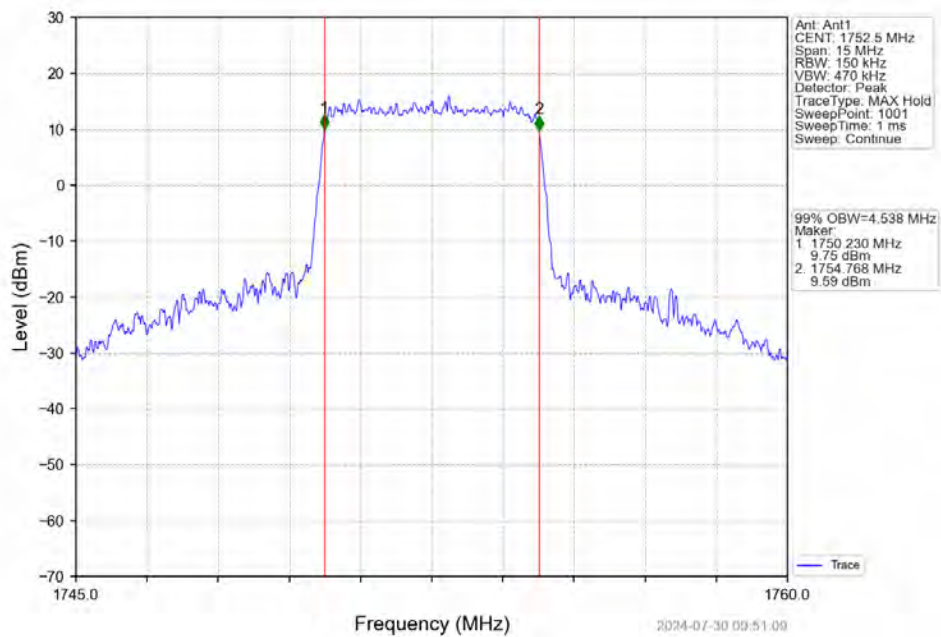
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



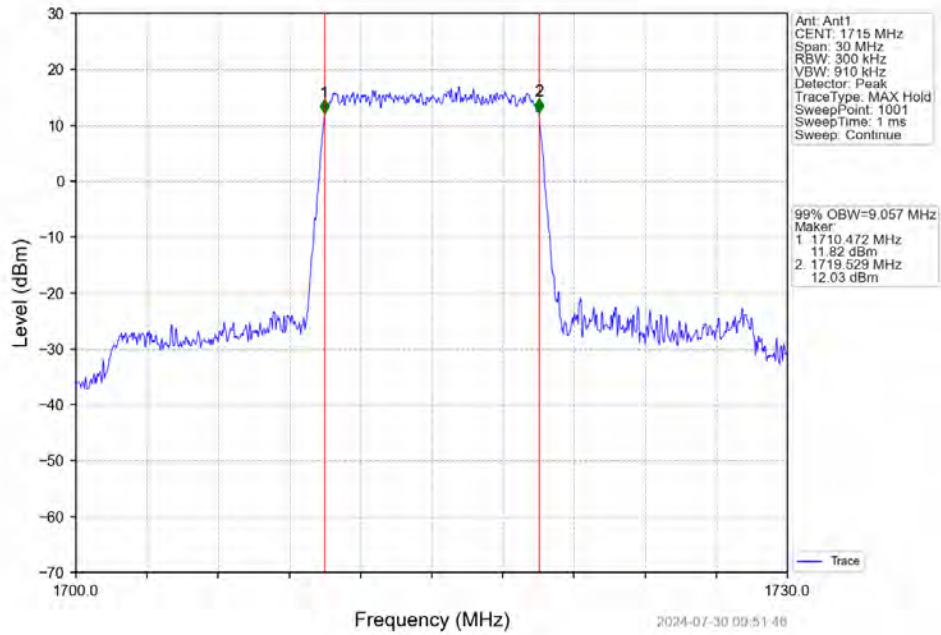
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



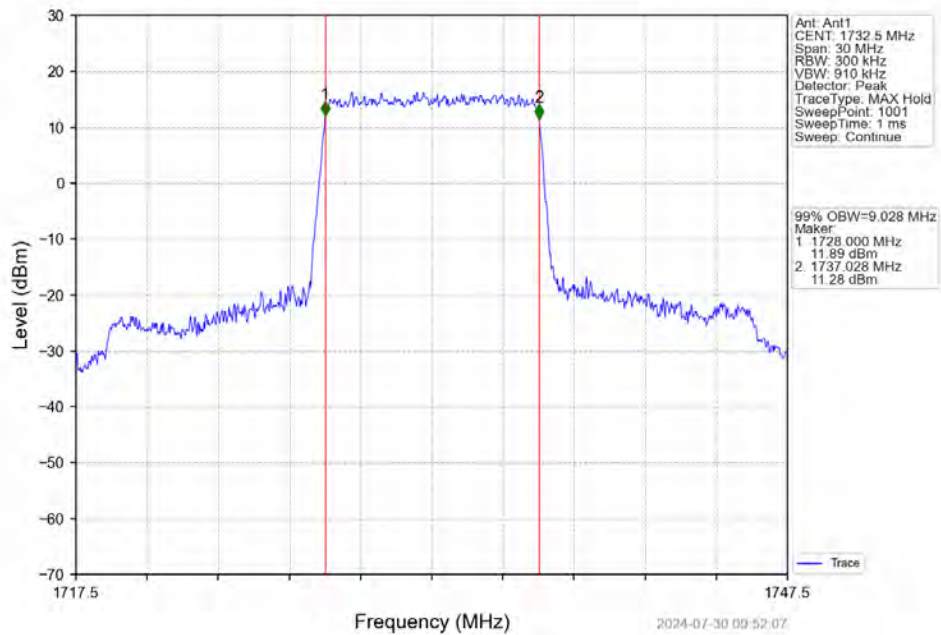
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



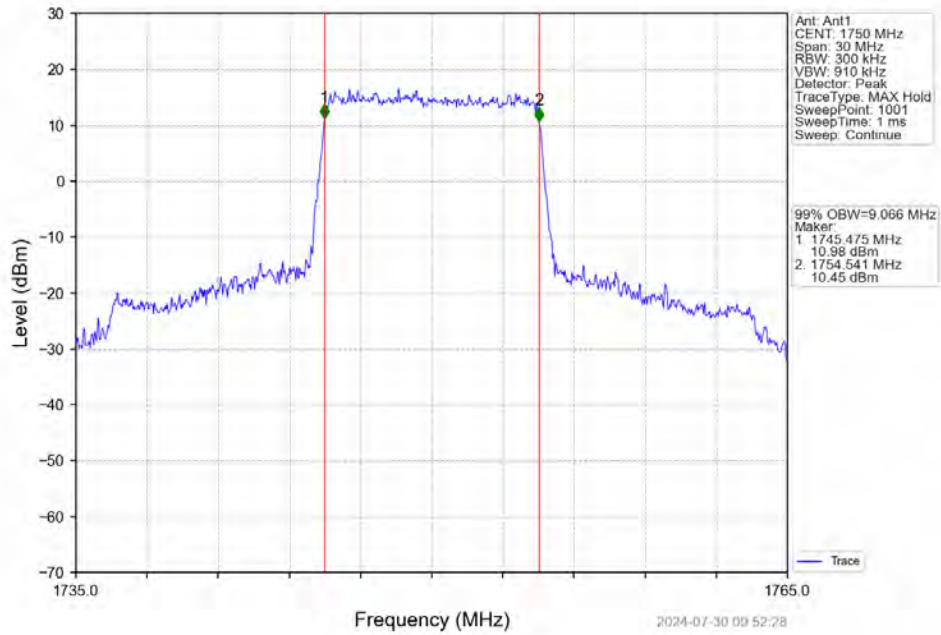
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



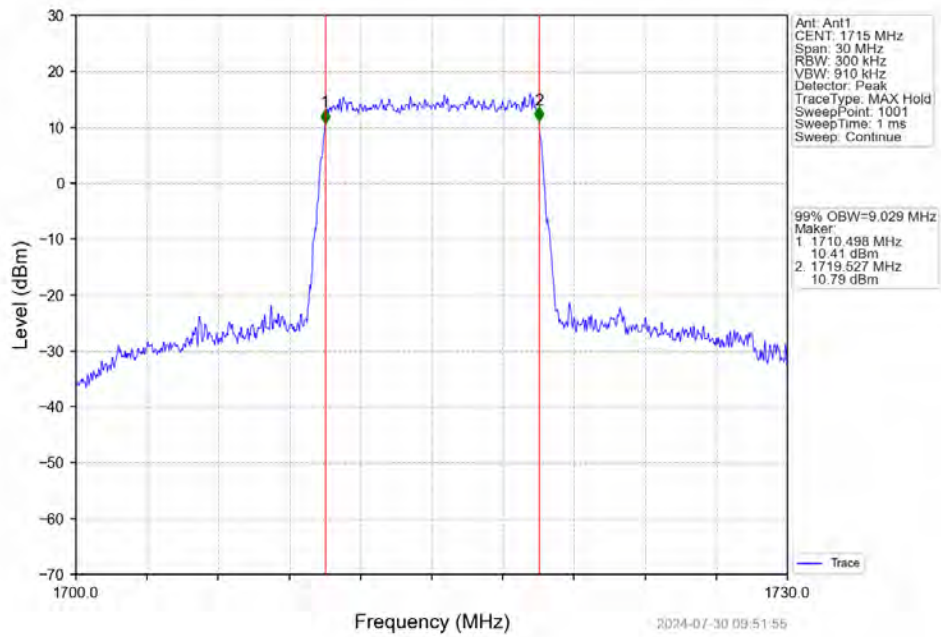
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



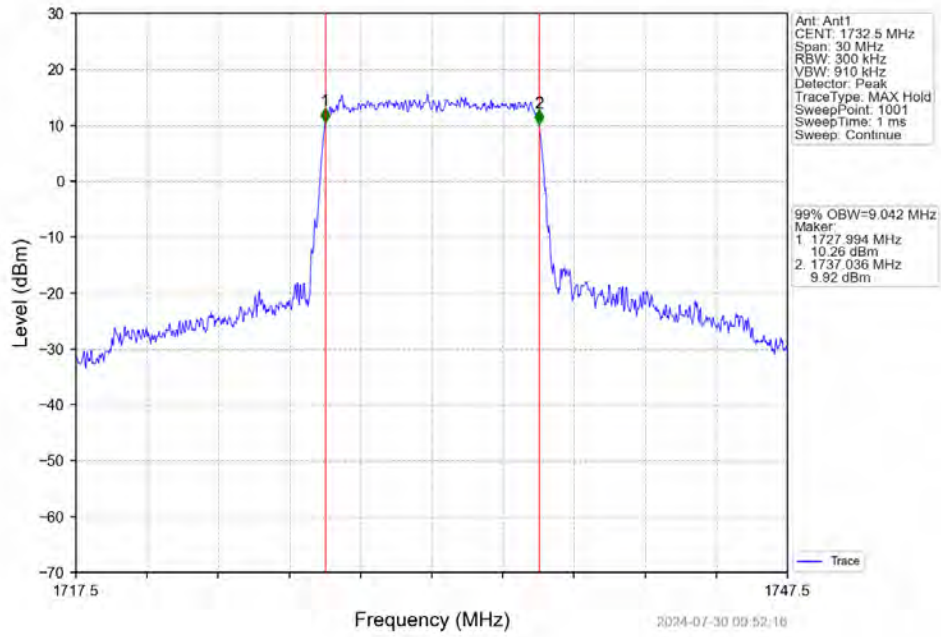
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



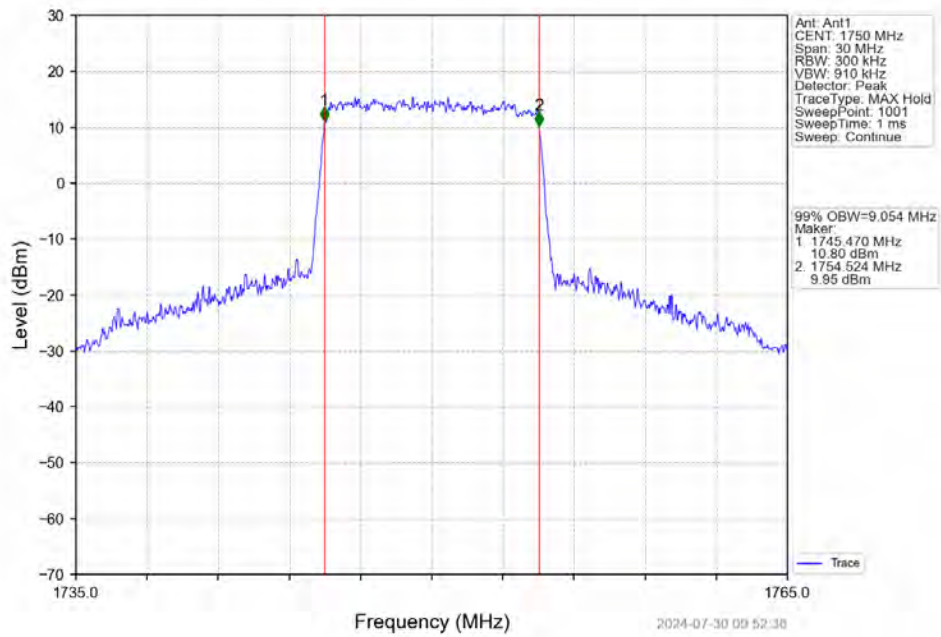
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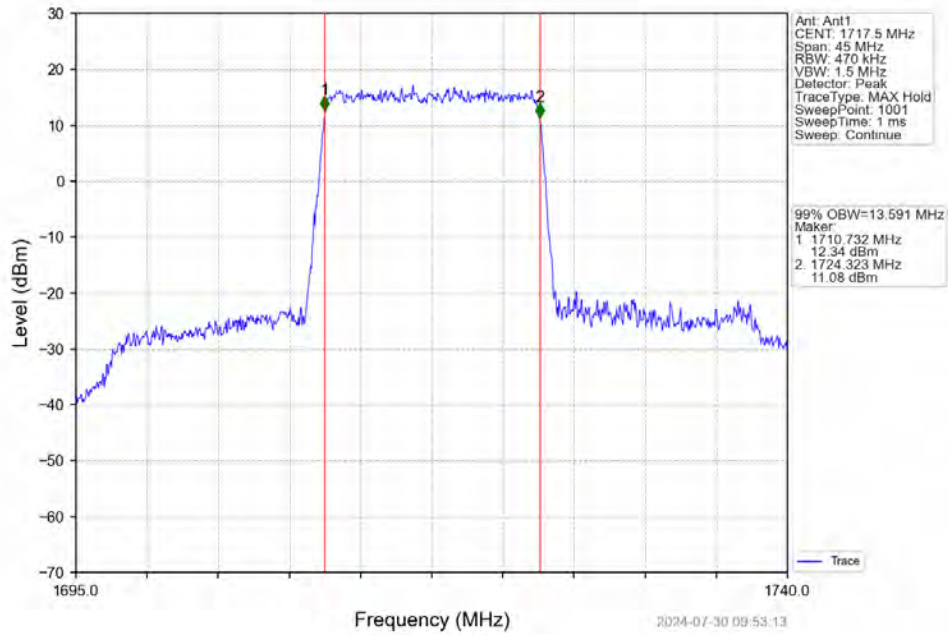
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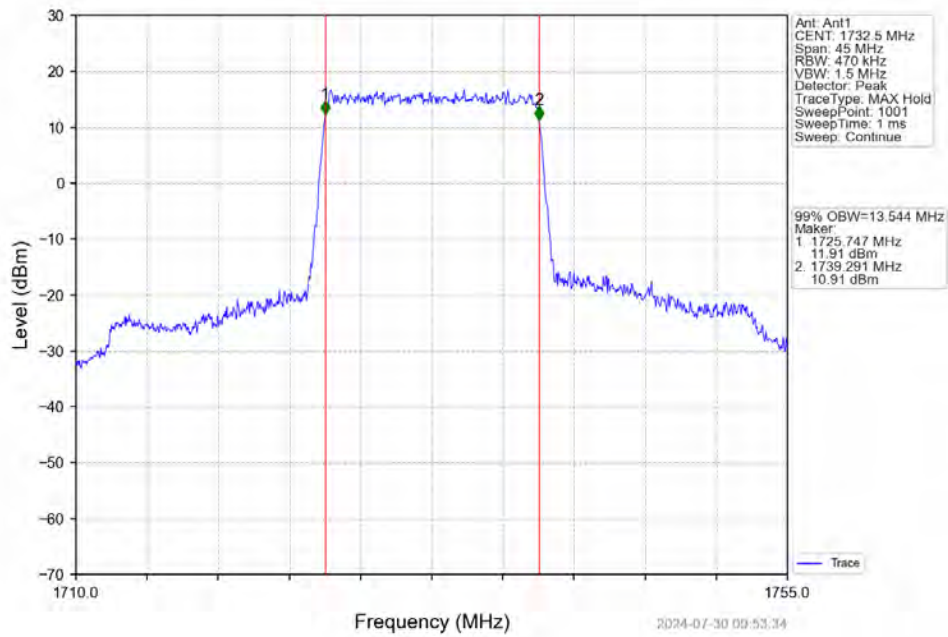
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



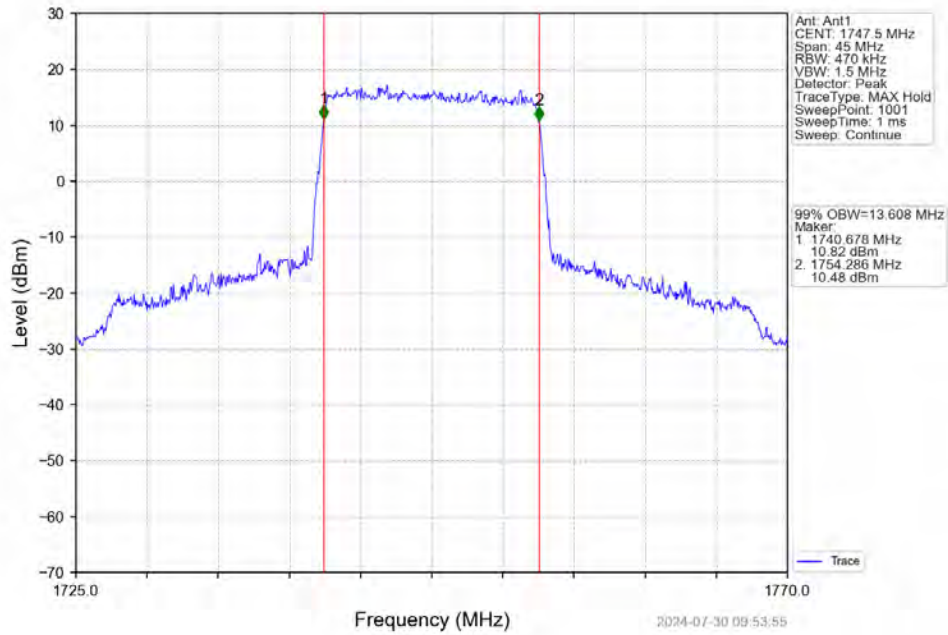
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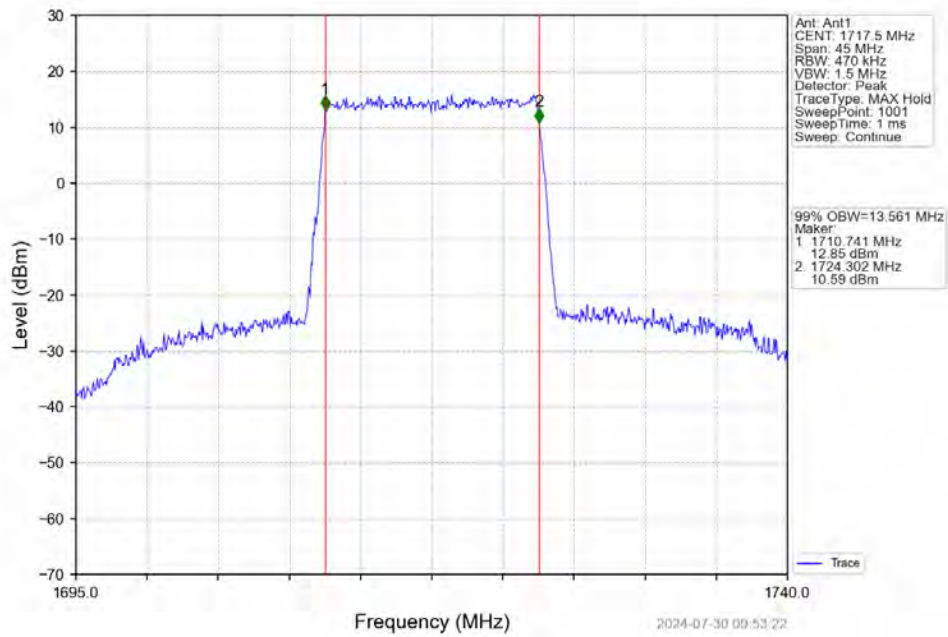
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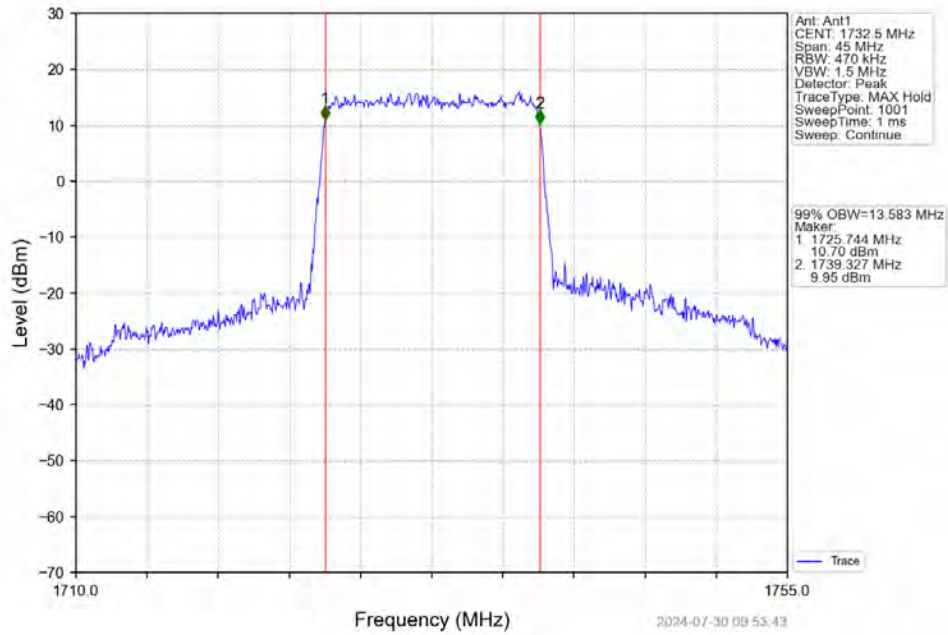
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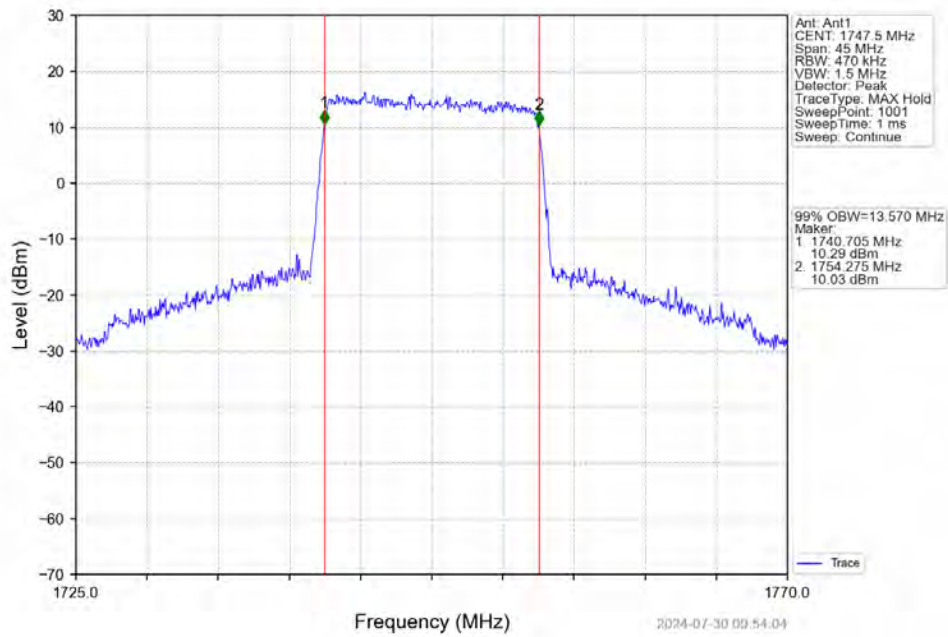
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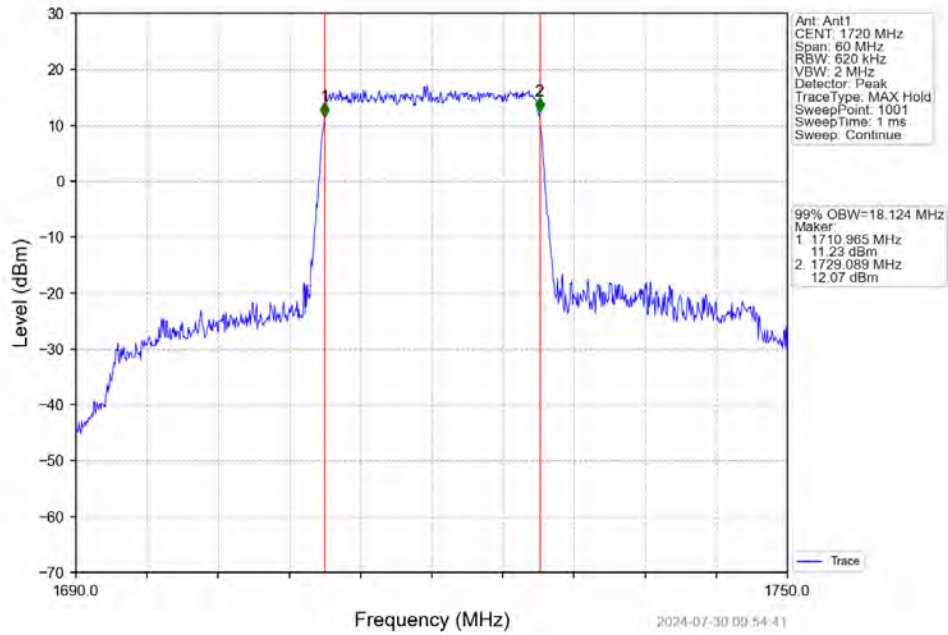
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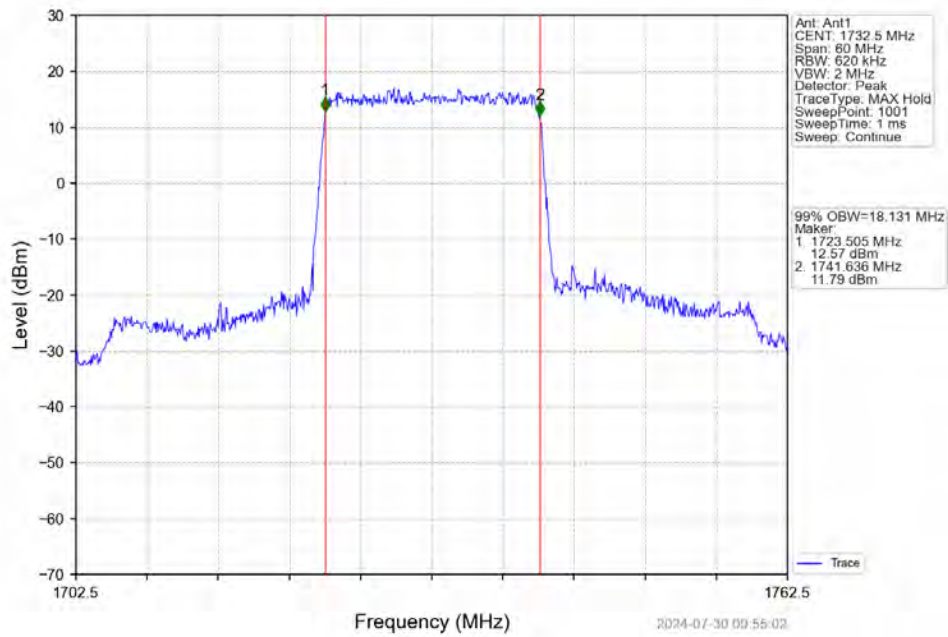
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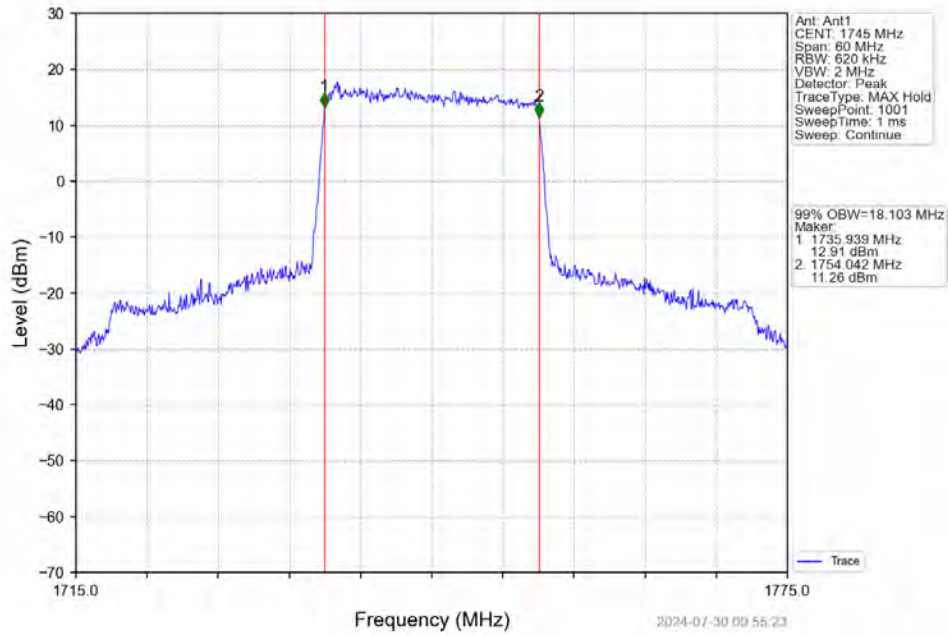
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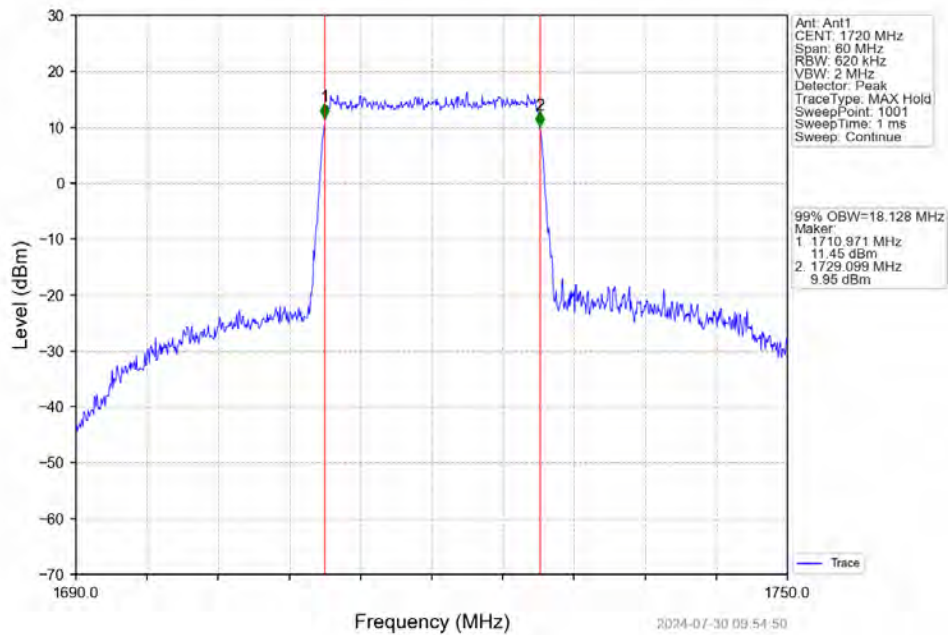
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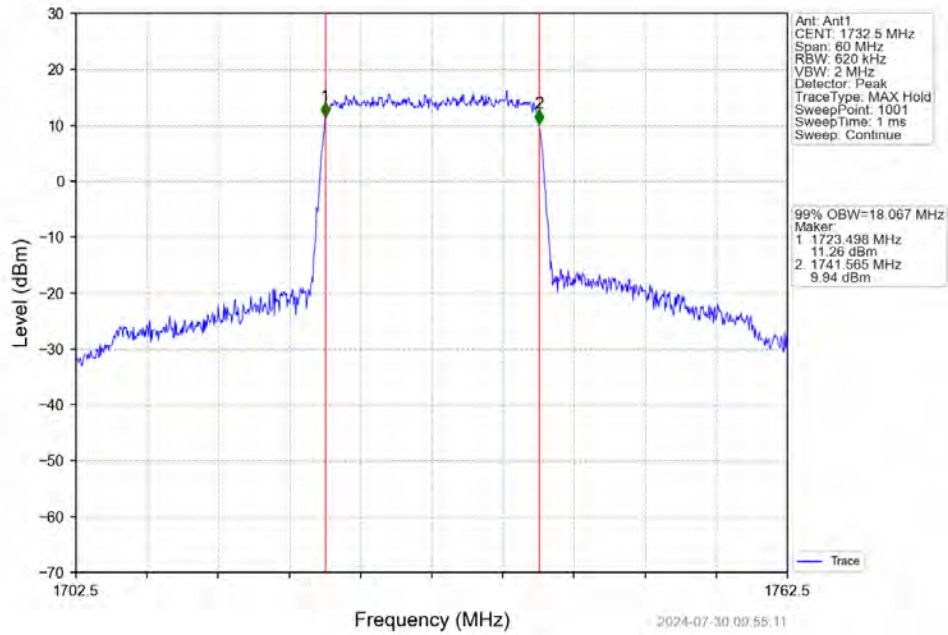
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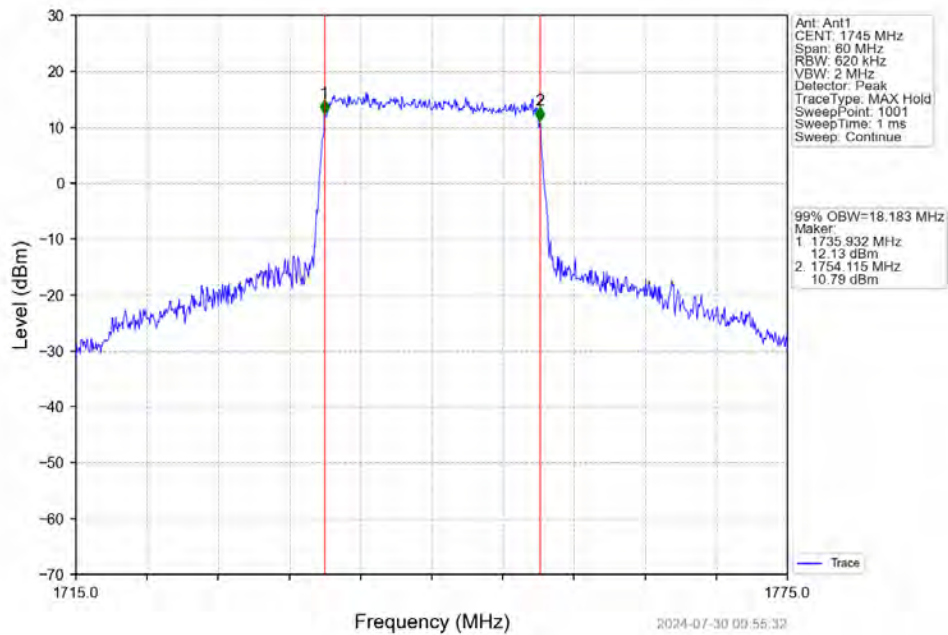
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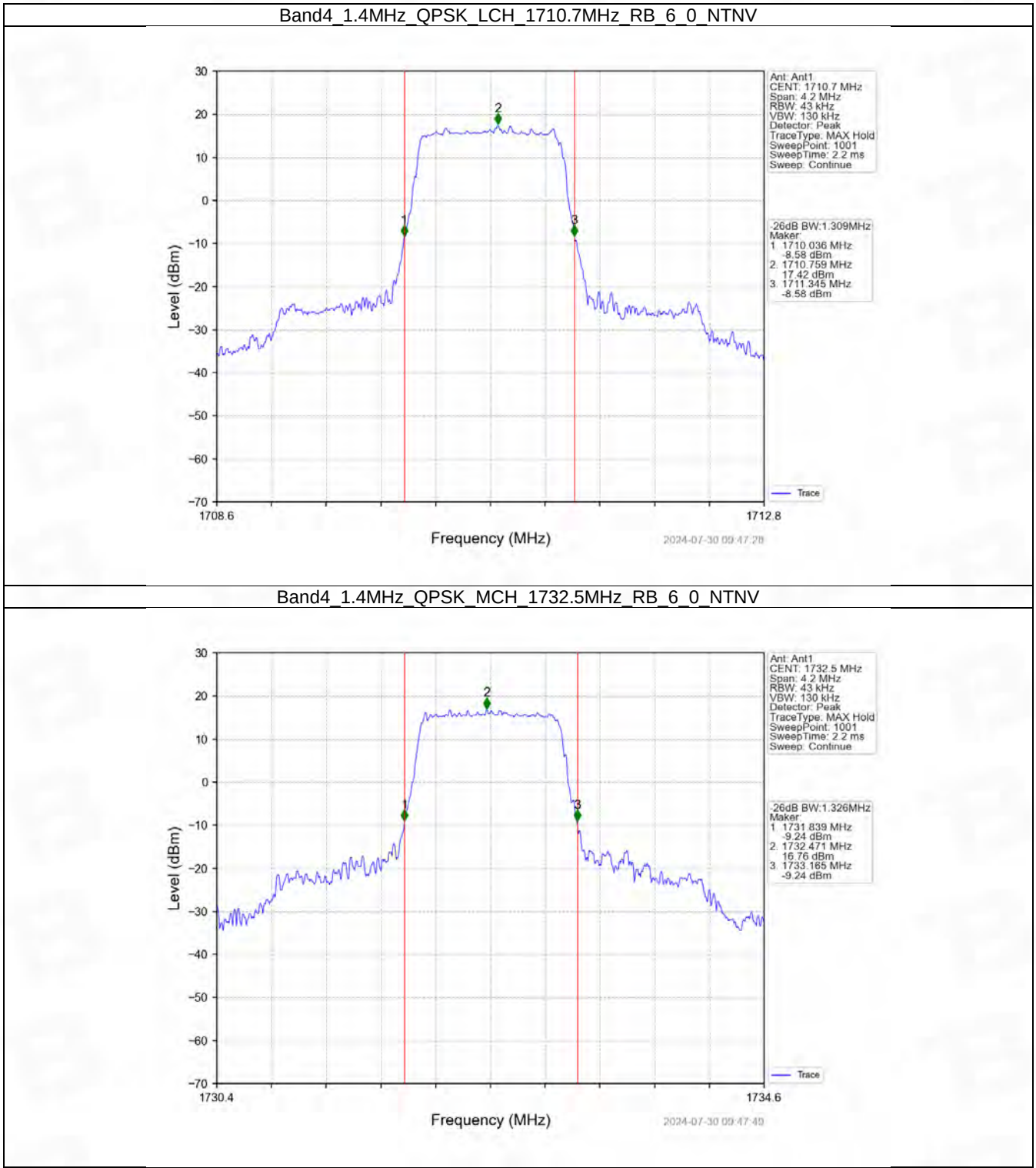
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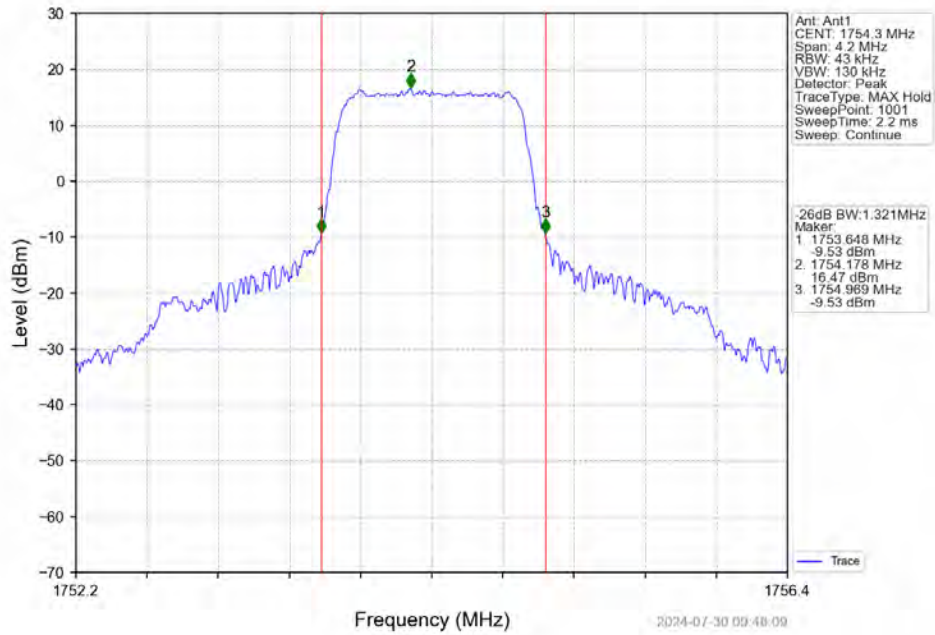
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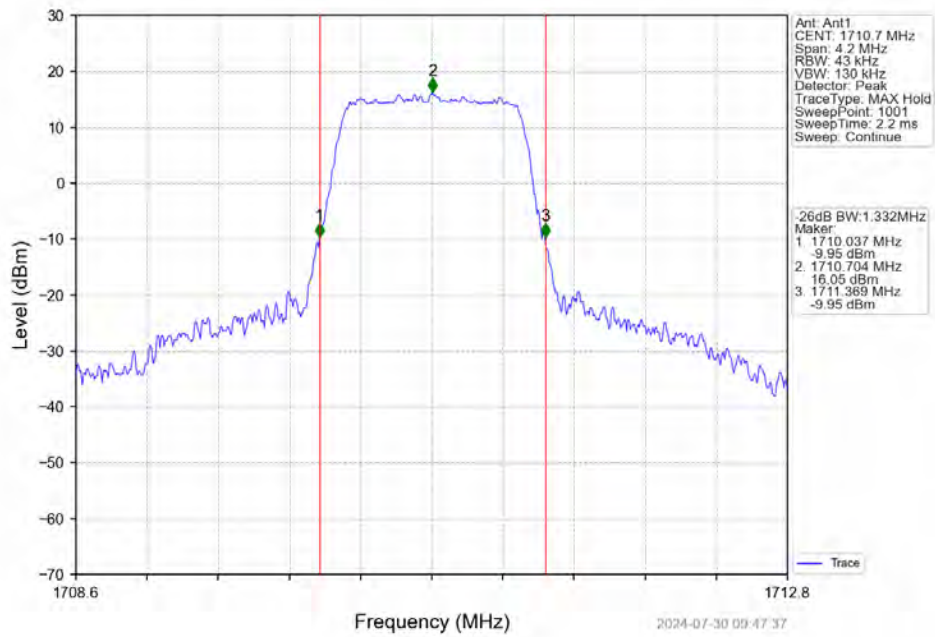
4.2.2 Band4_XDB



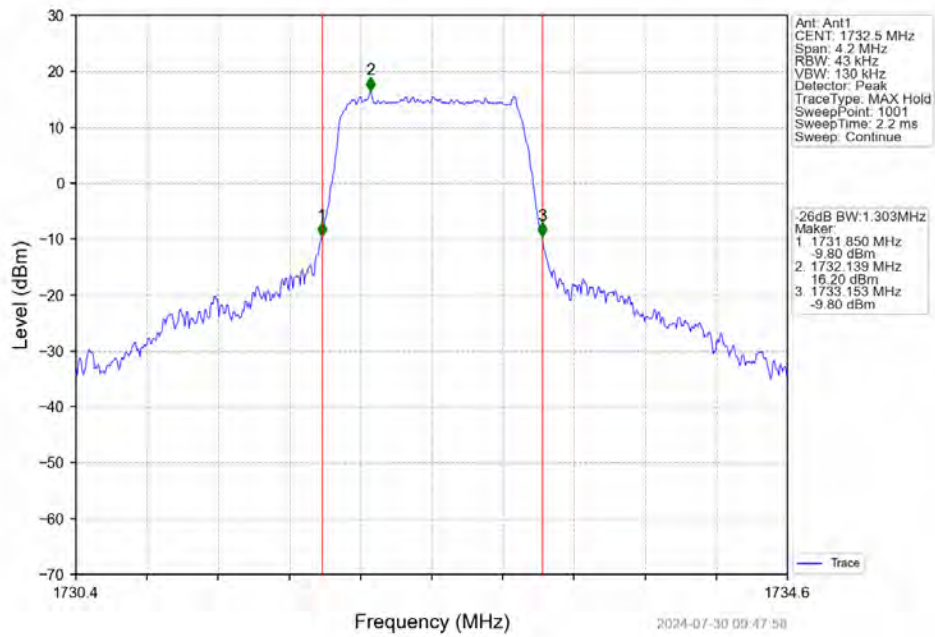
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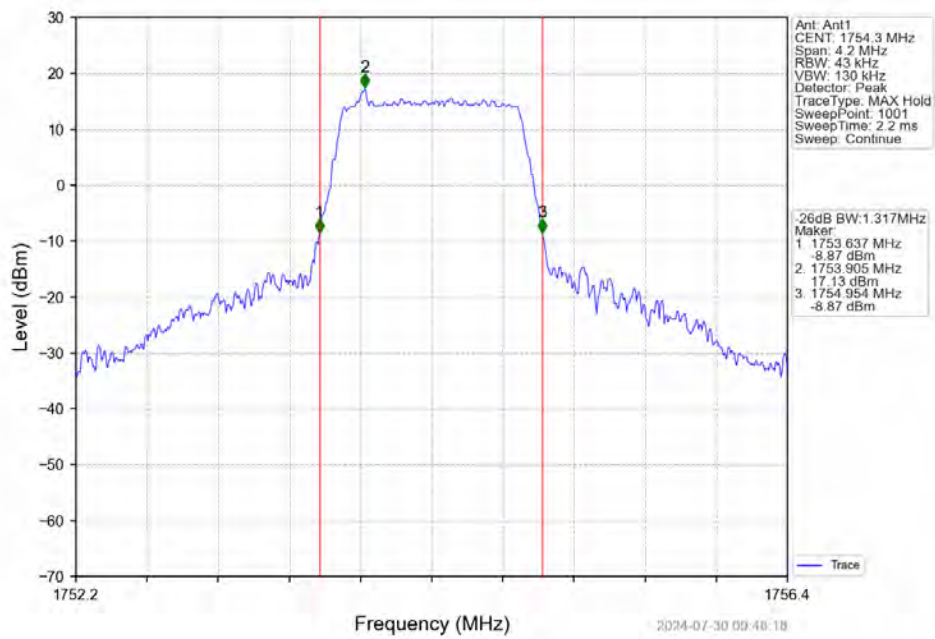
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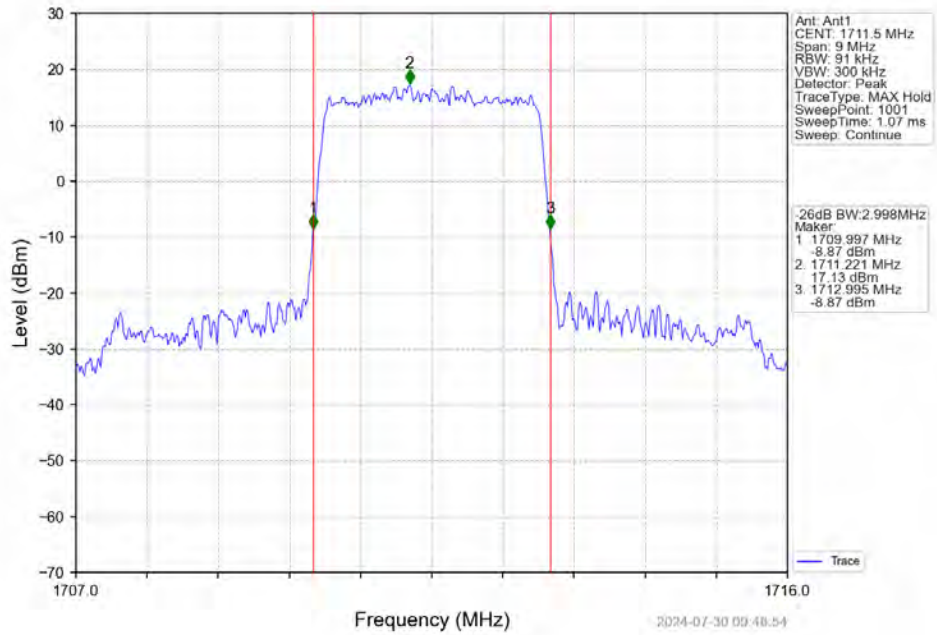
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



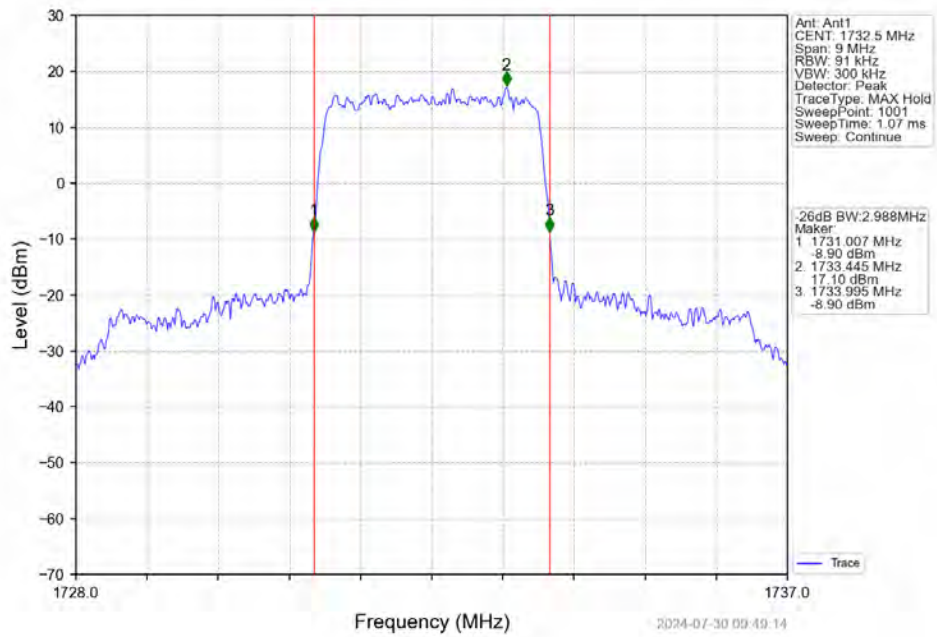
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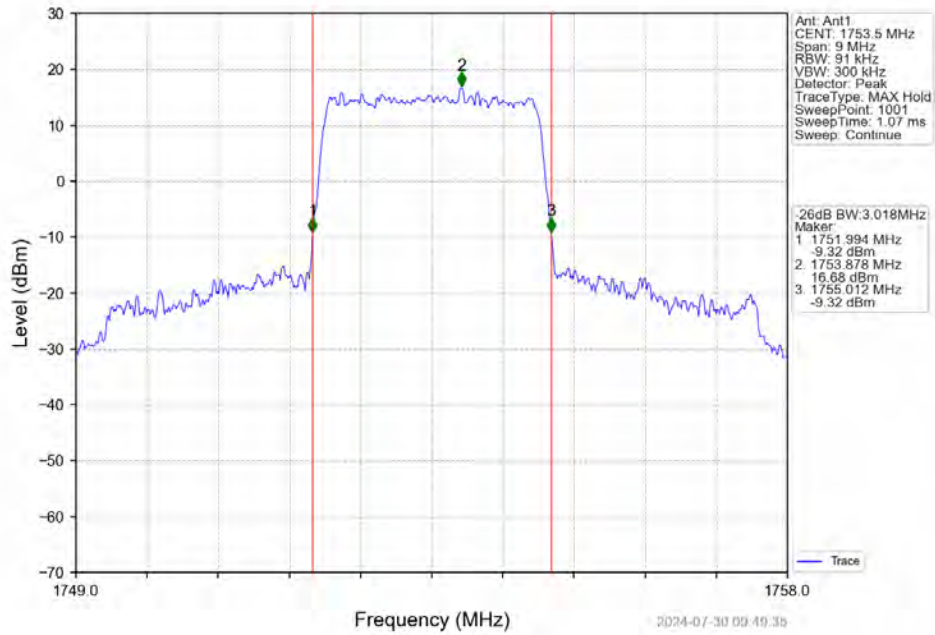
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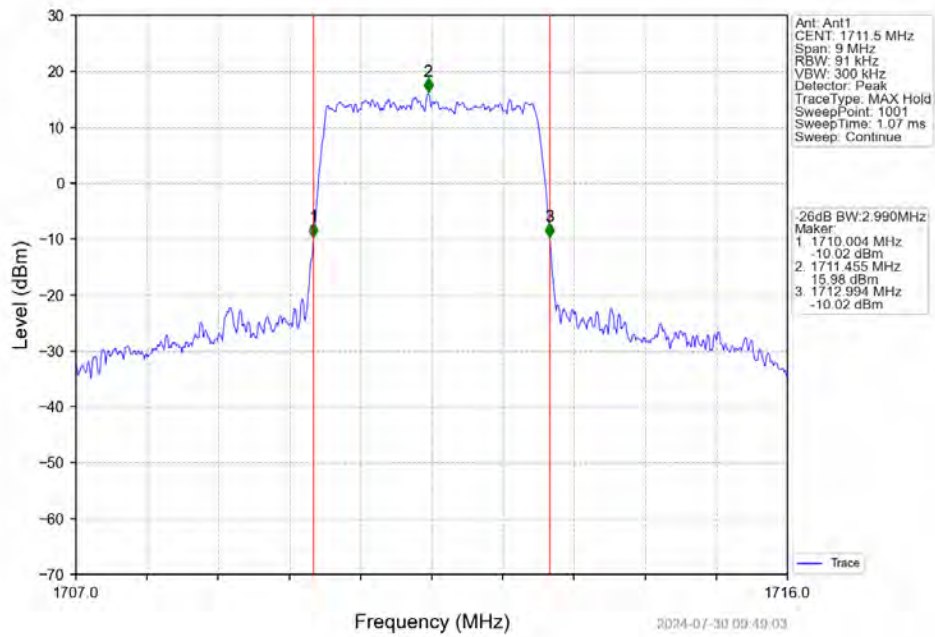
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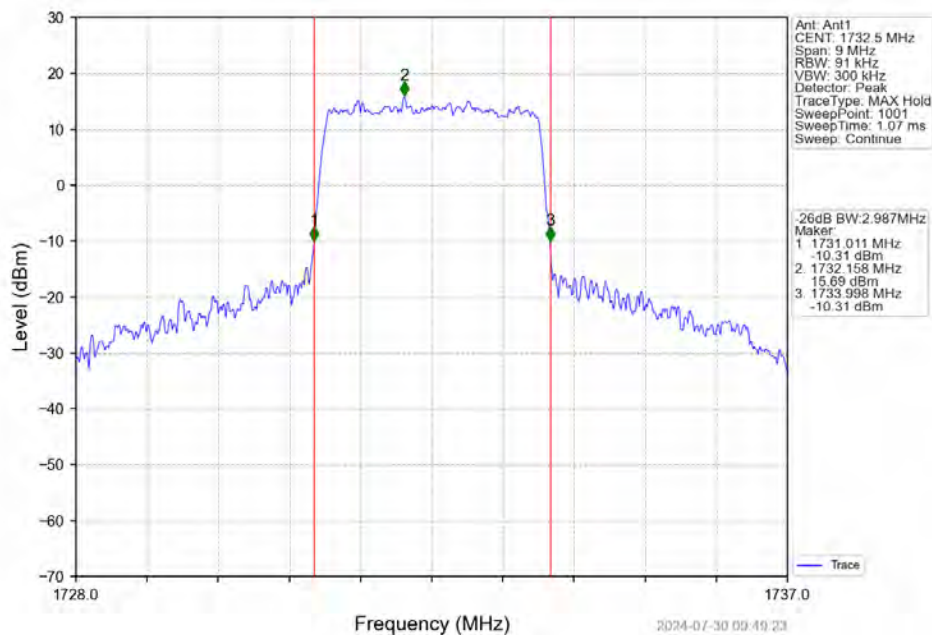
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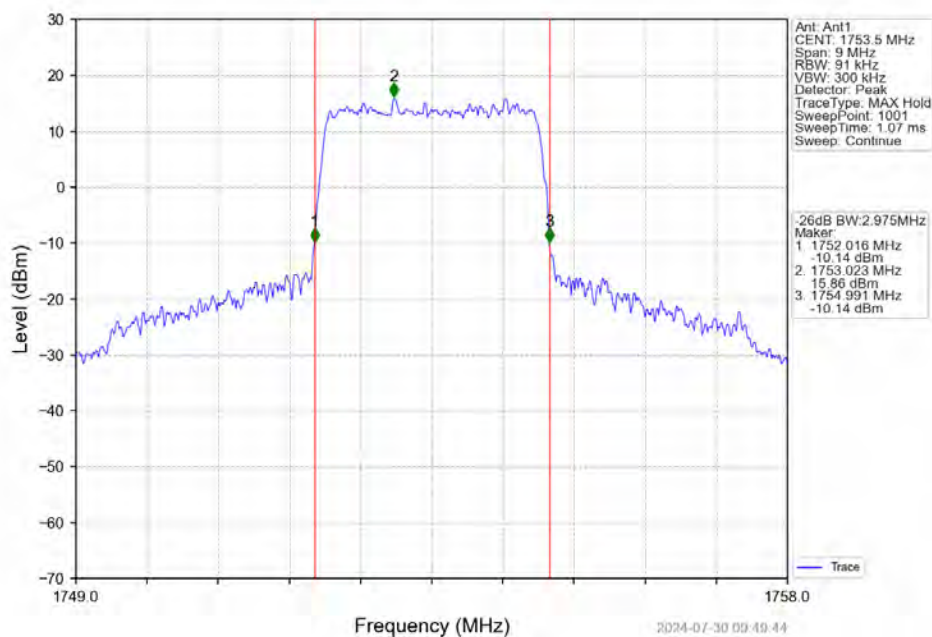
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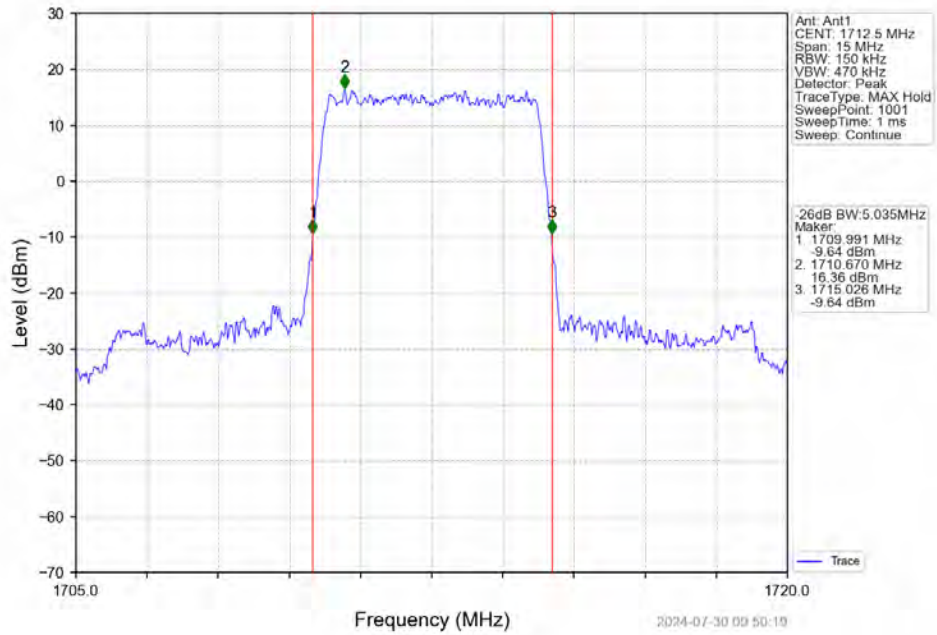
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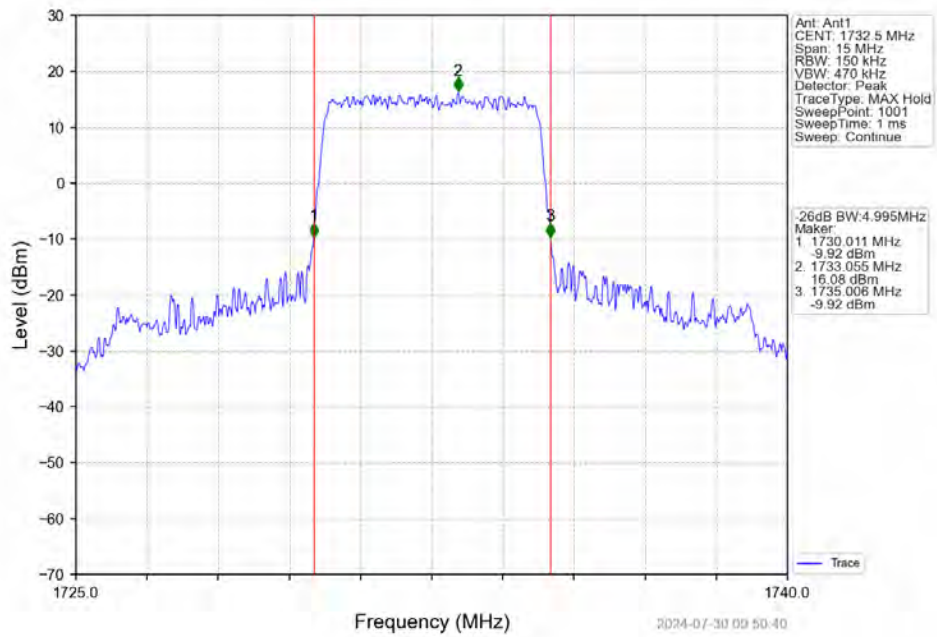
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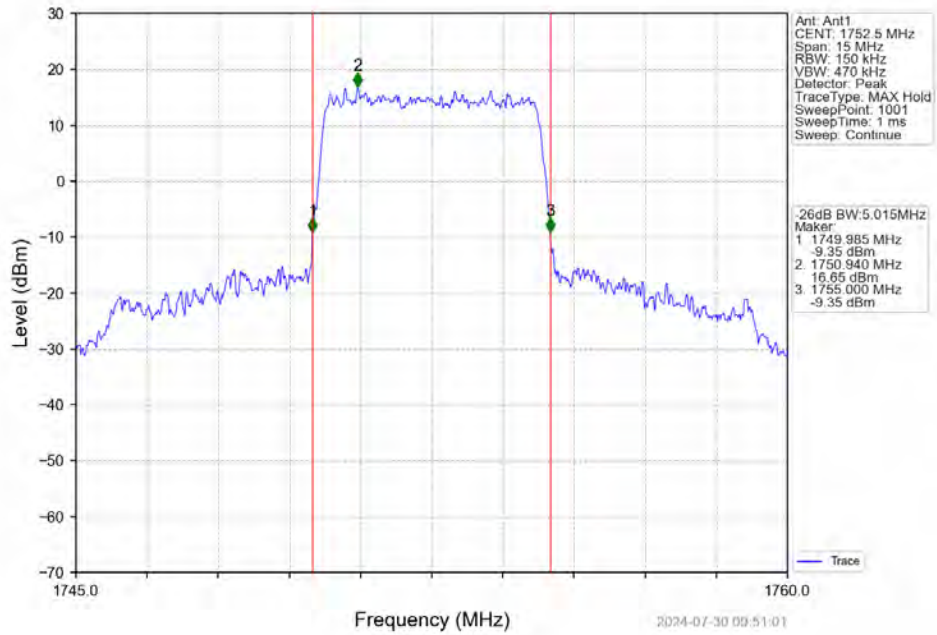
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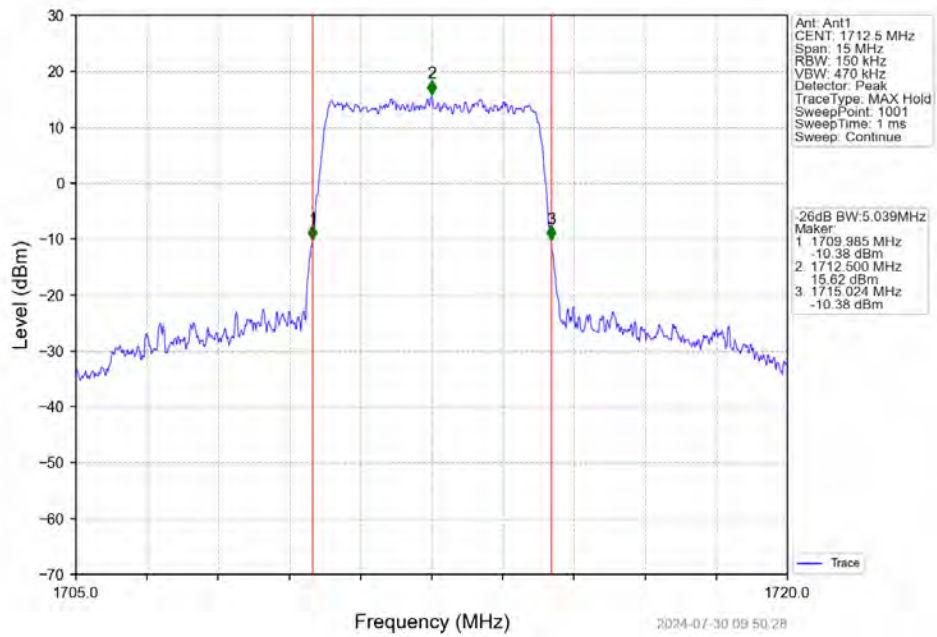
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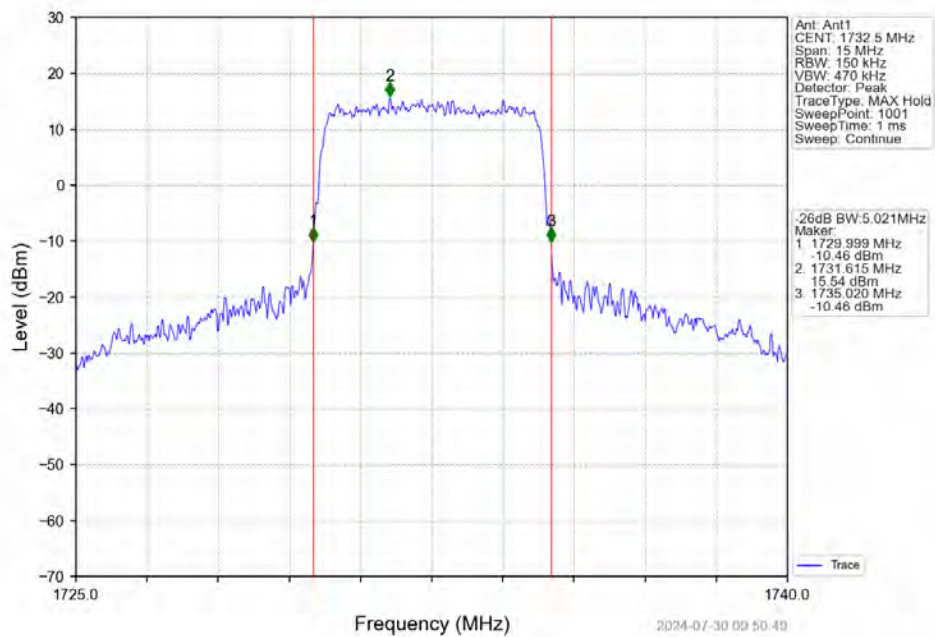
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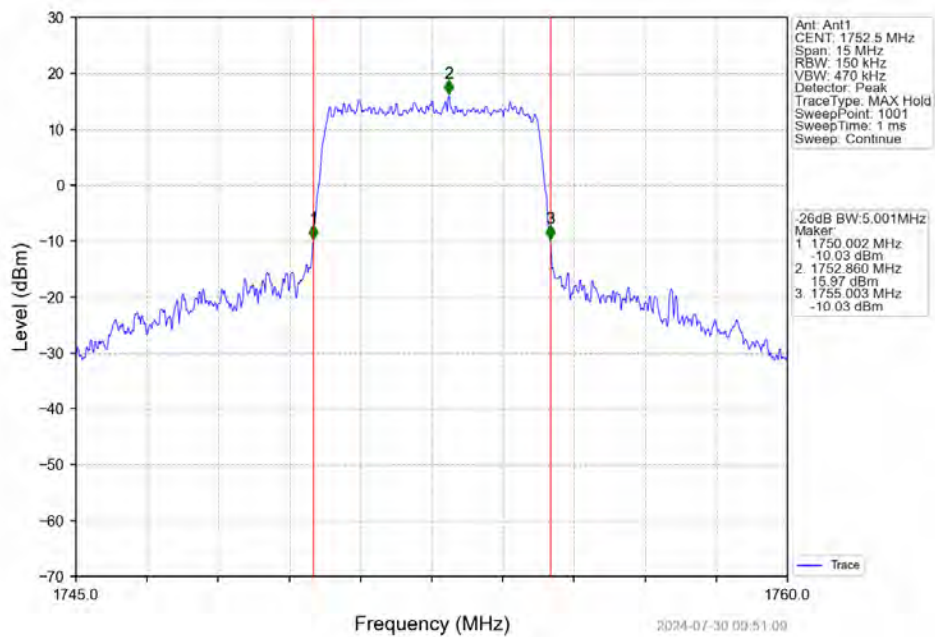
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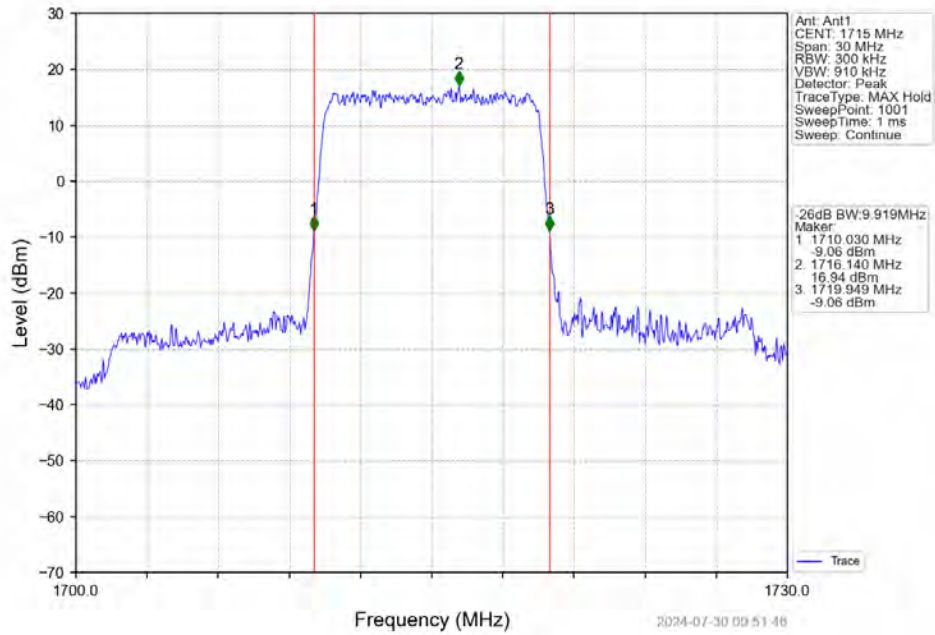
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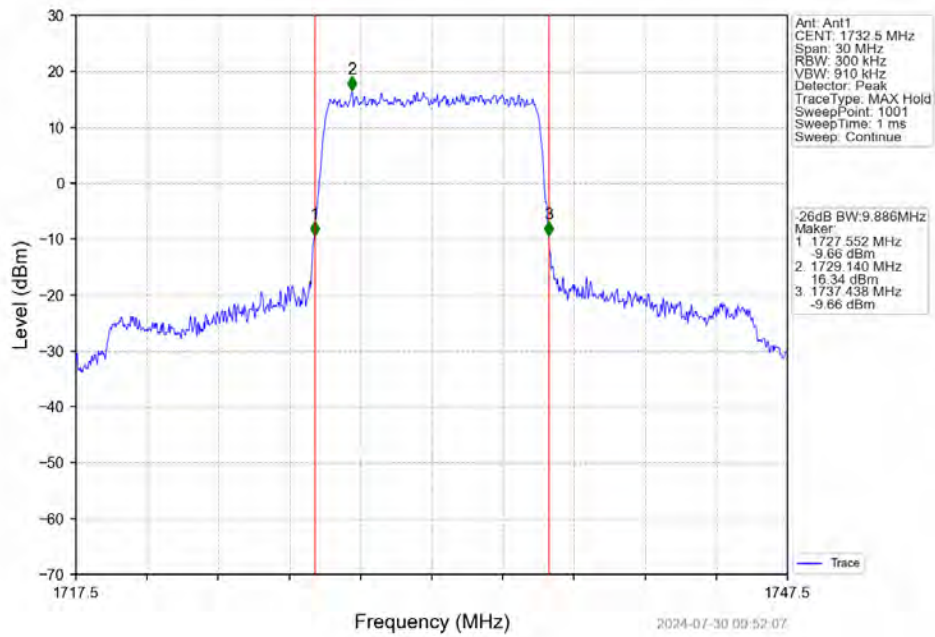
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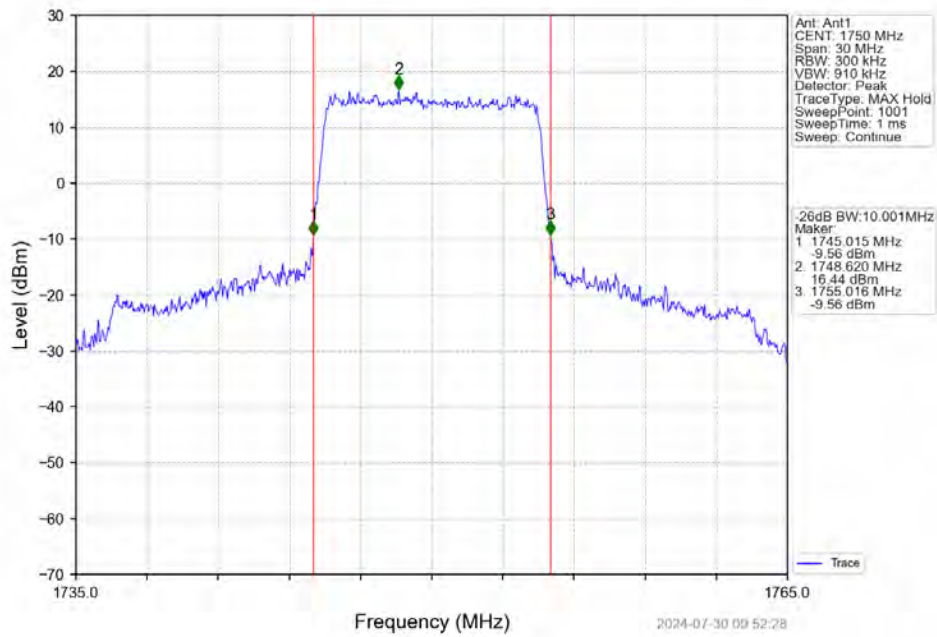
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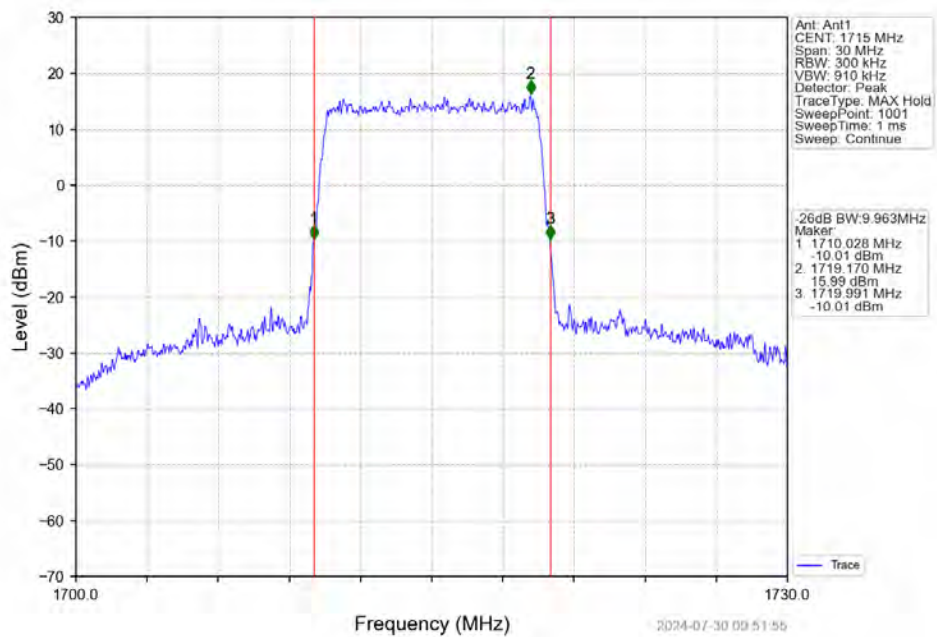
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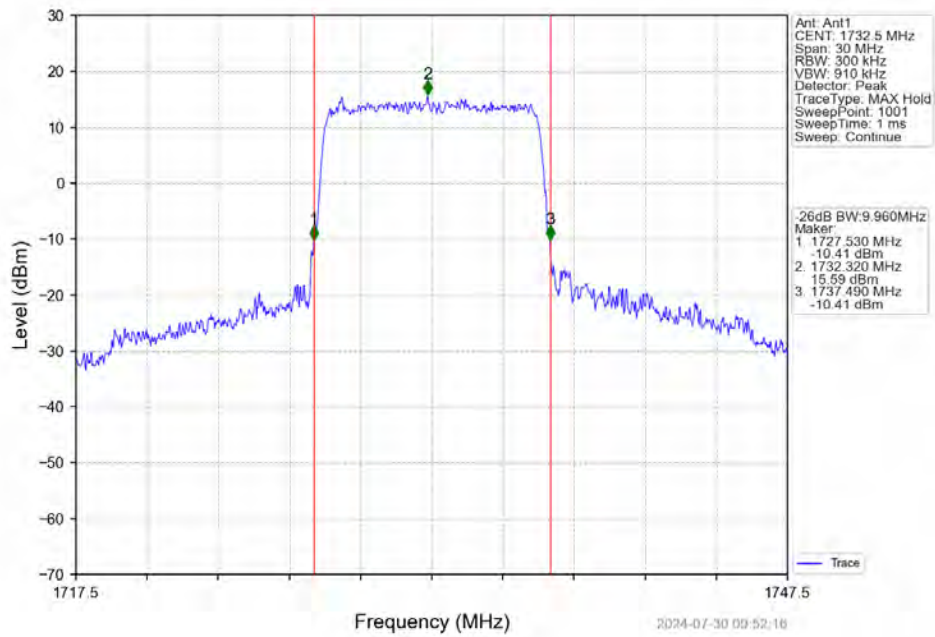
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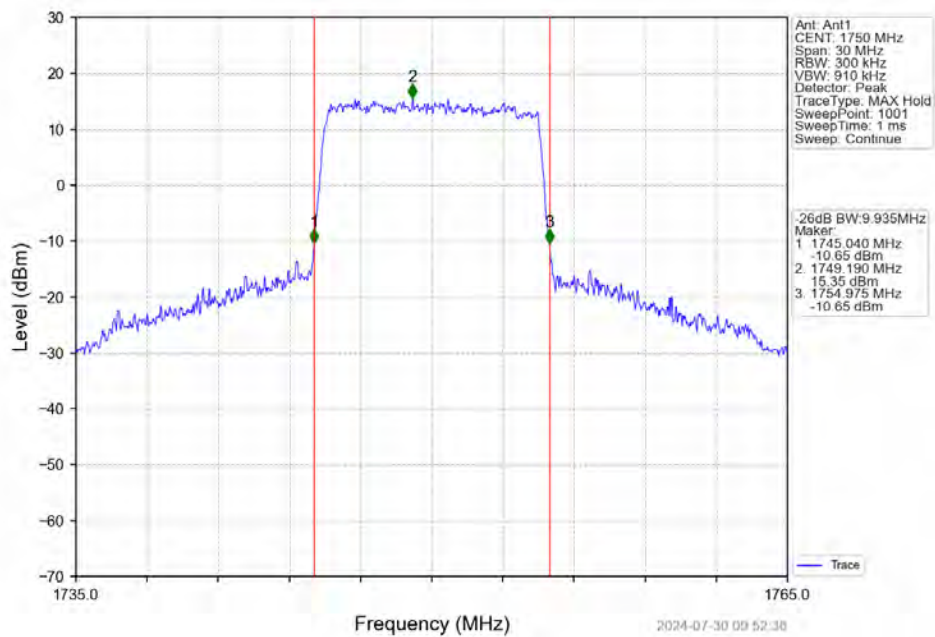
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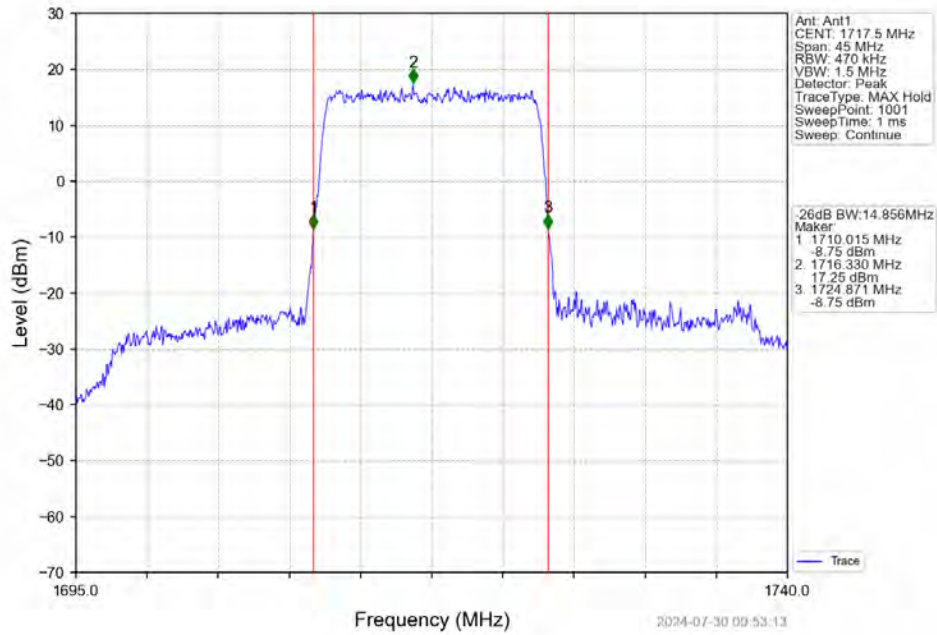
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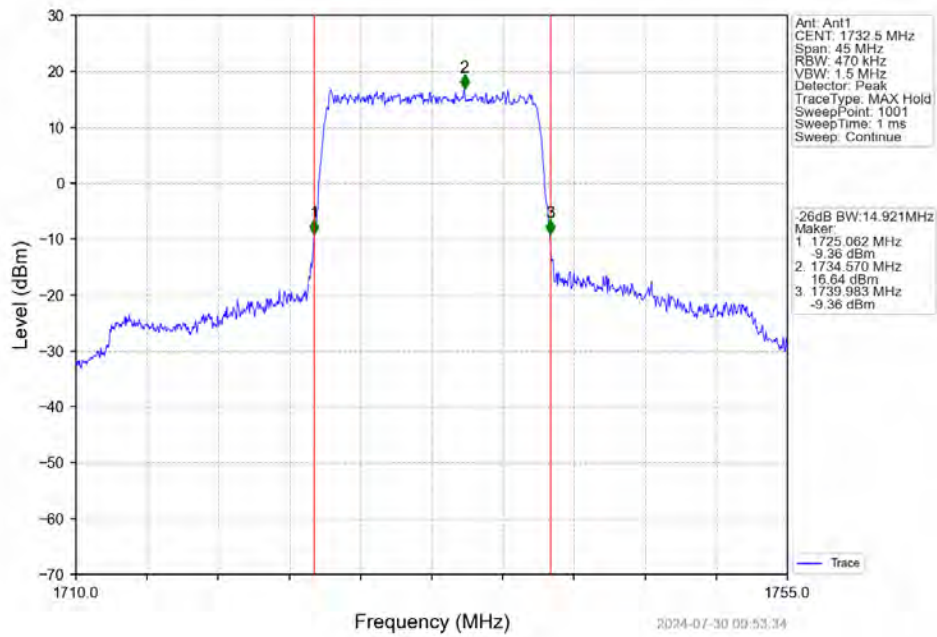
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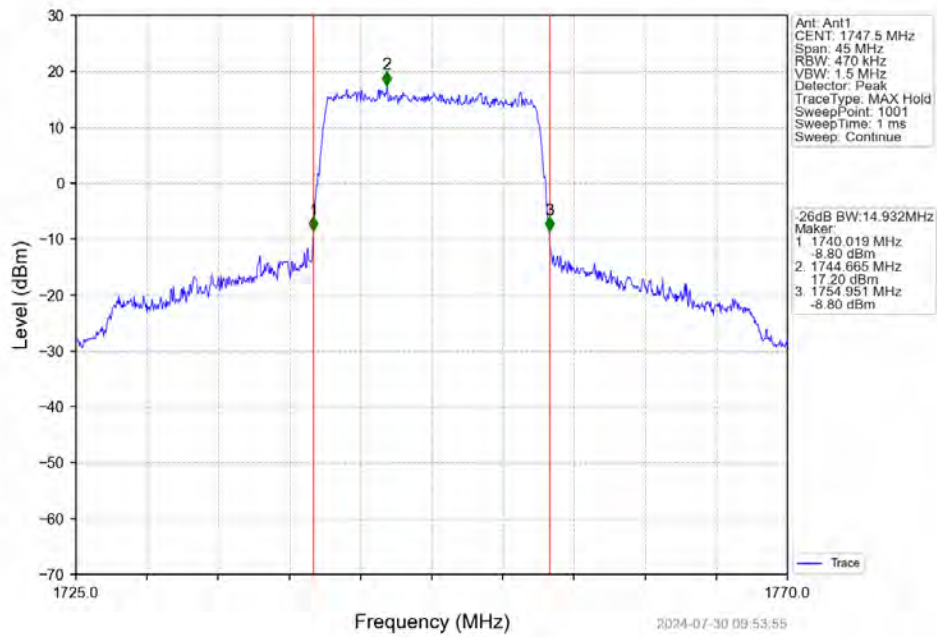
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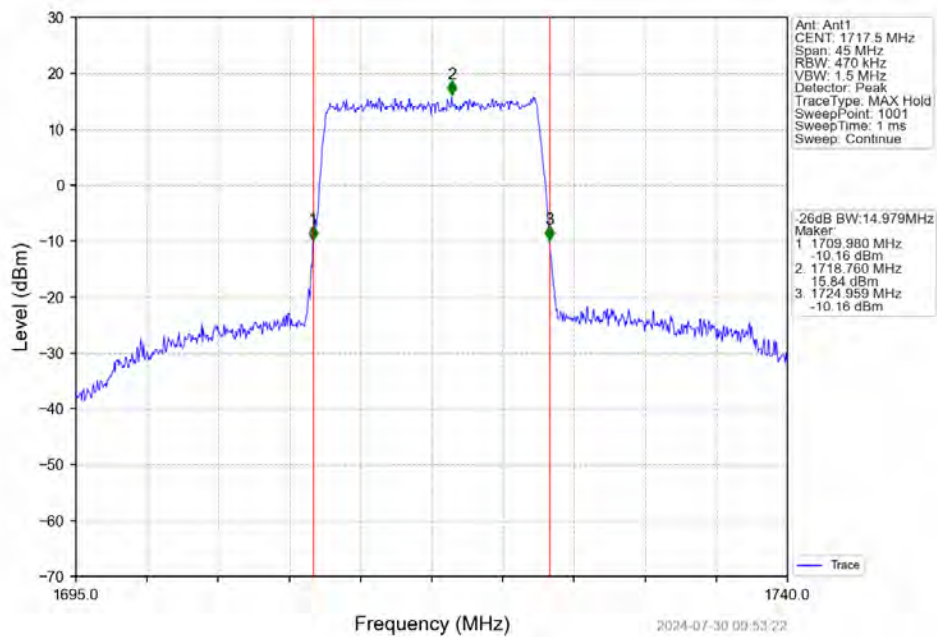
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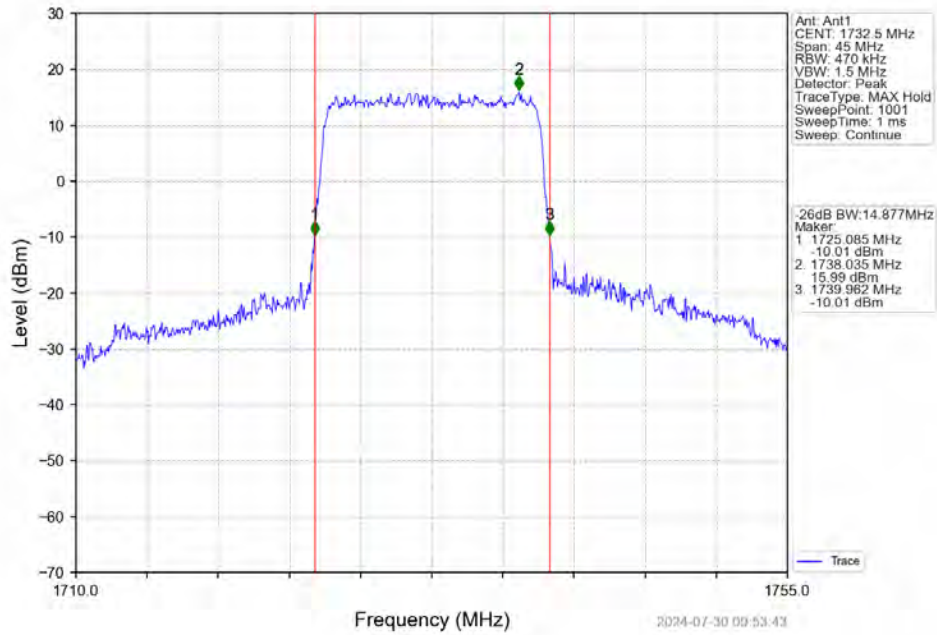
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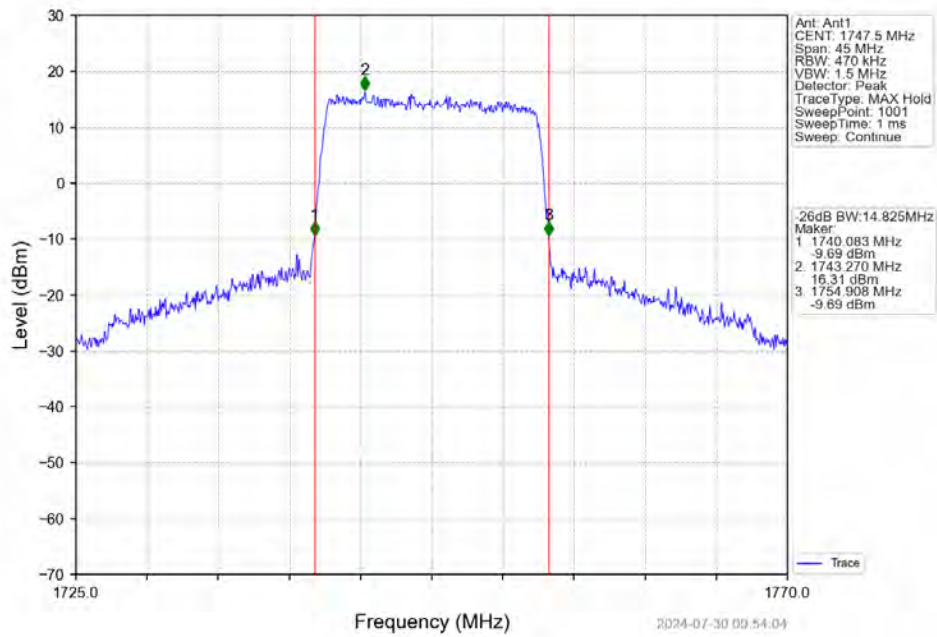
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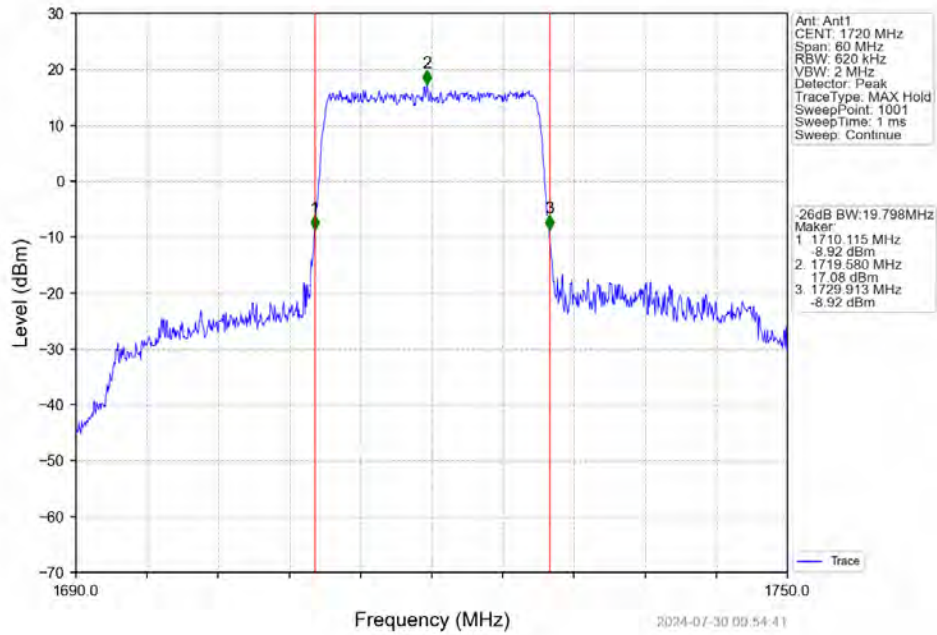
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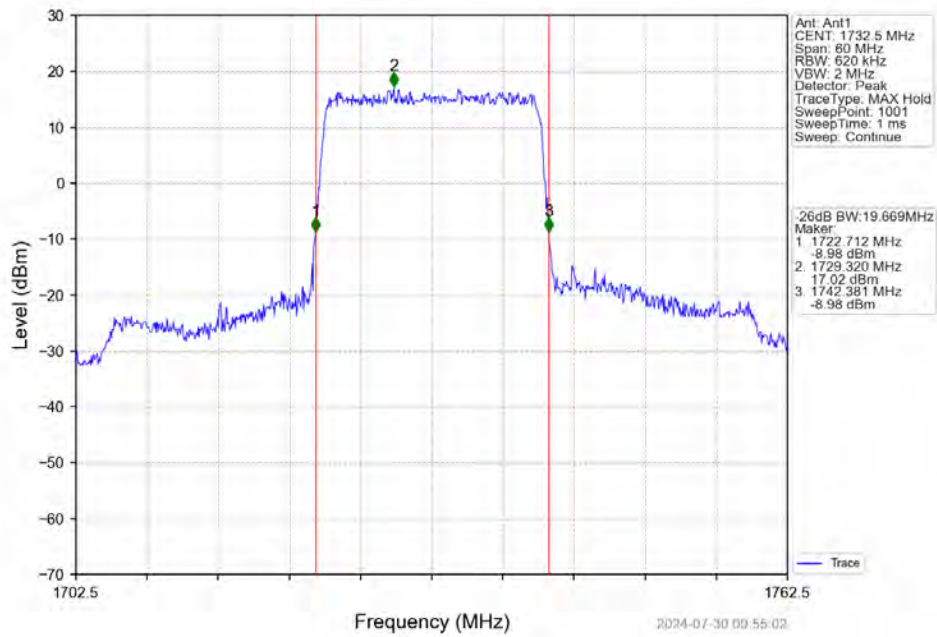
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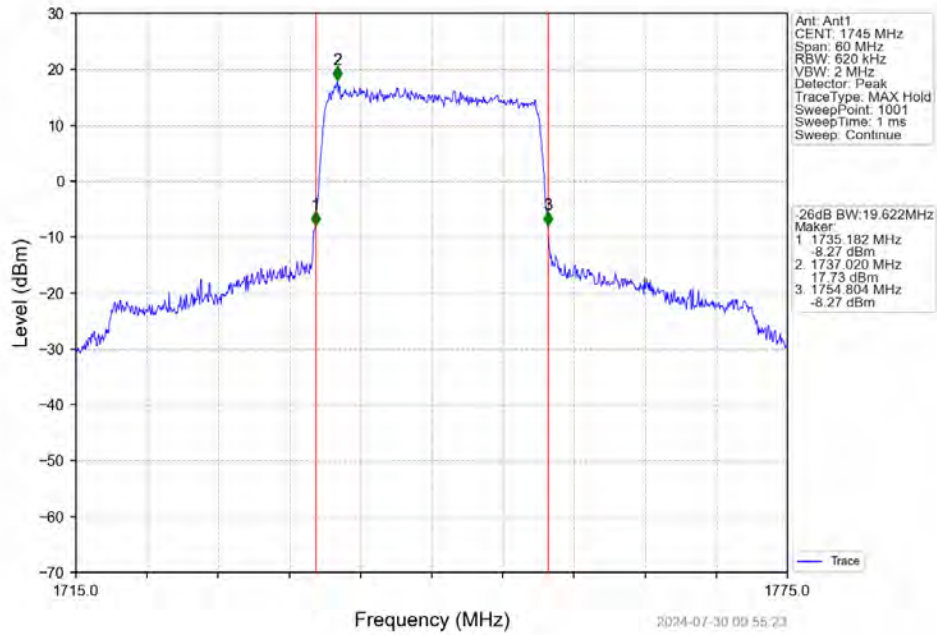
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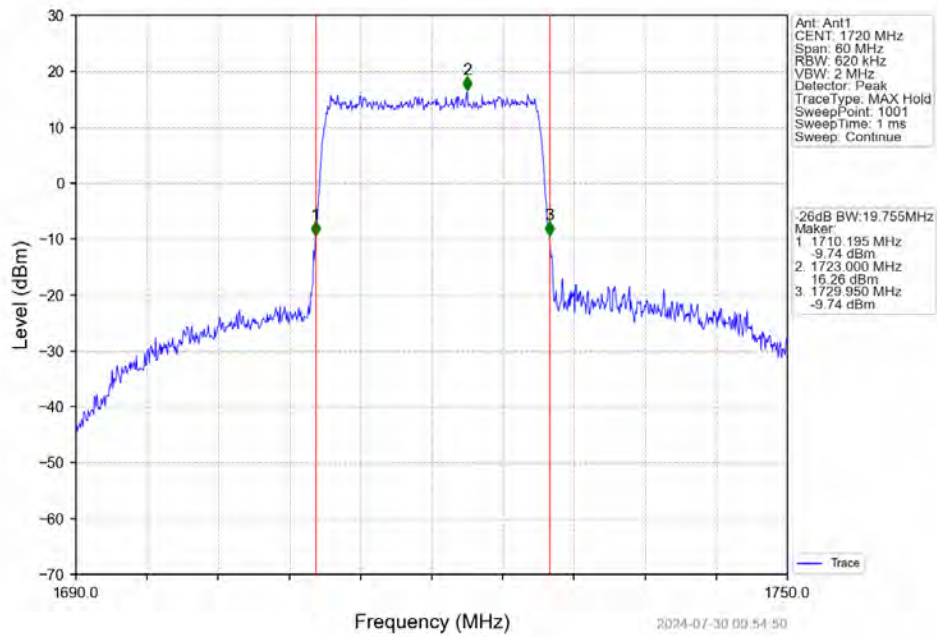
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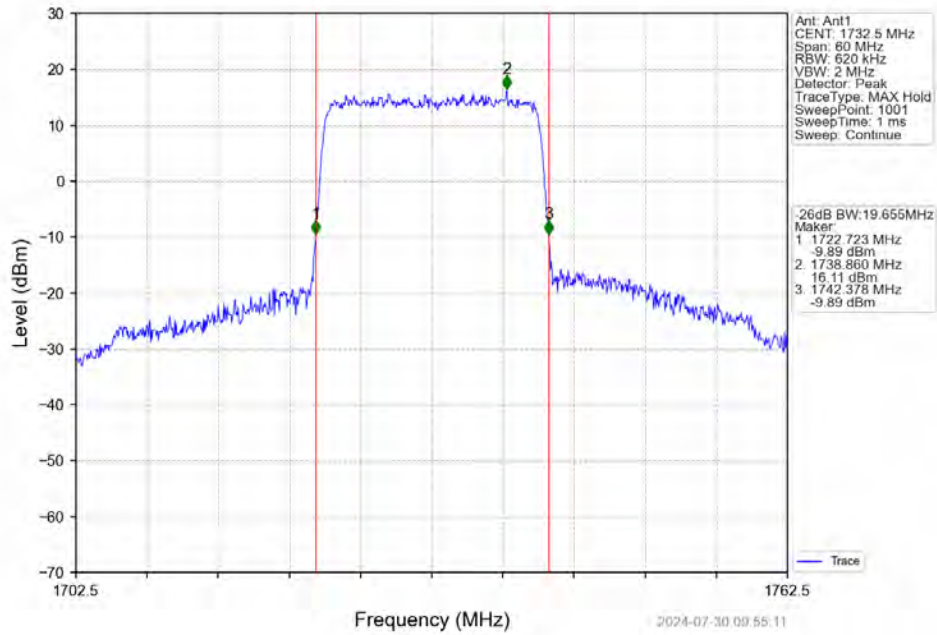
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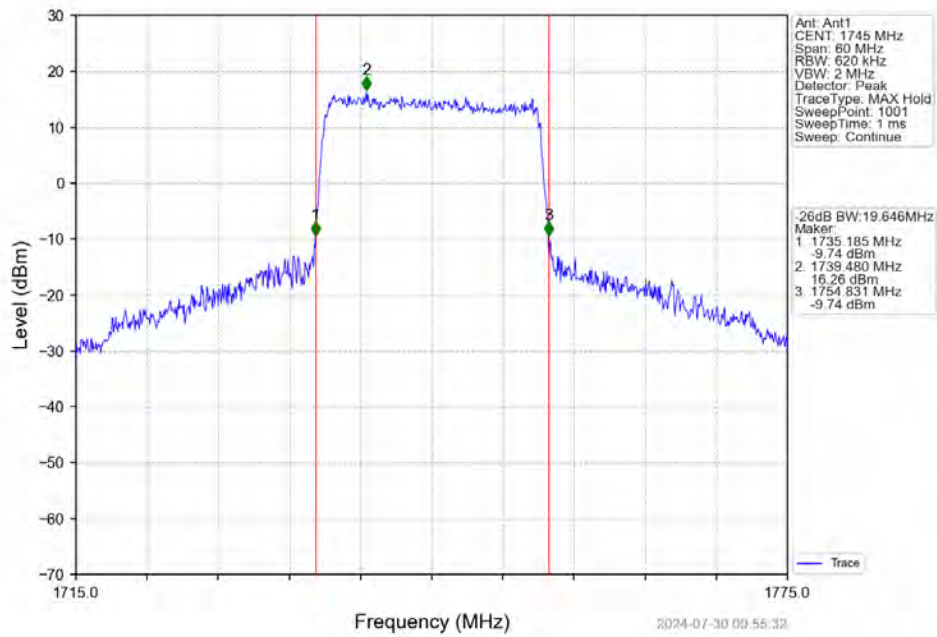
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Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.16	<=13	Pass
	1732.5	6	0	4.48	<=13	Pass
	1754.3	6	0	4.30	<=13	Pass
16QAM	1710.7	6	0	5.96	<=13	Pass
	1732.5	6	0	5.40	<=13	Pass
	1754.3	6	0	5.42	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.26	<=13	Pass
	1732.5	15	0	4.93	<=13	Pass
	1753.5	15	0	4.73	<=13	Pass
16QAM	1711.5	15	0	6.13	<=13	Pass
	1732.5	15	0	5.83	<=13	Pass
	1753.5	15	0	5.59	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.44	<=13	Pass
	1732.5	25	0	5.23	<=13	Pass
	1752.5	25	0	5.01	<=13	Pass
16QAM	1712.5	25	0	6.30	<=13	Pass
	1732.5	25	0	5.98	<=13	Pass
	1752.5	25	0	5.76	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.48	<=13	Pass
	1732.5	50	0	5.22	<=13	Pass
	1750	50	0	4.97	<=13	Pass
16QAM	1715	50	0	6.36	<=13	Pass
	1732.5	50	0	6.03	<=13	Pass

	1750	50	0	5.75	<=13	Pass
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5.1.5 B4_15MHz

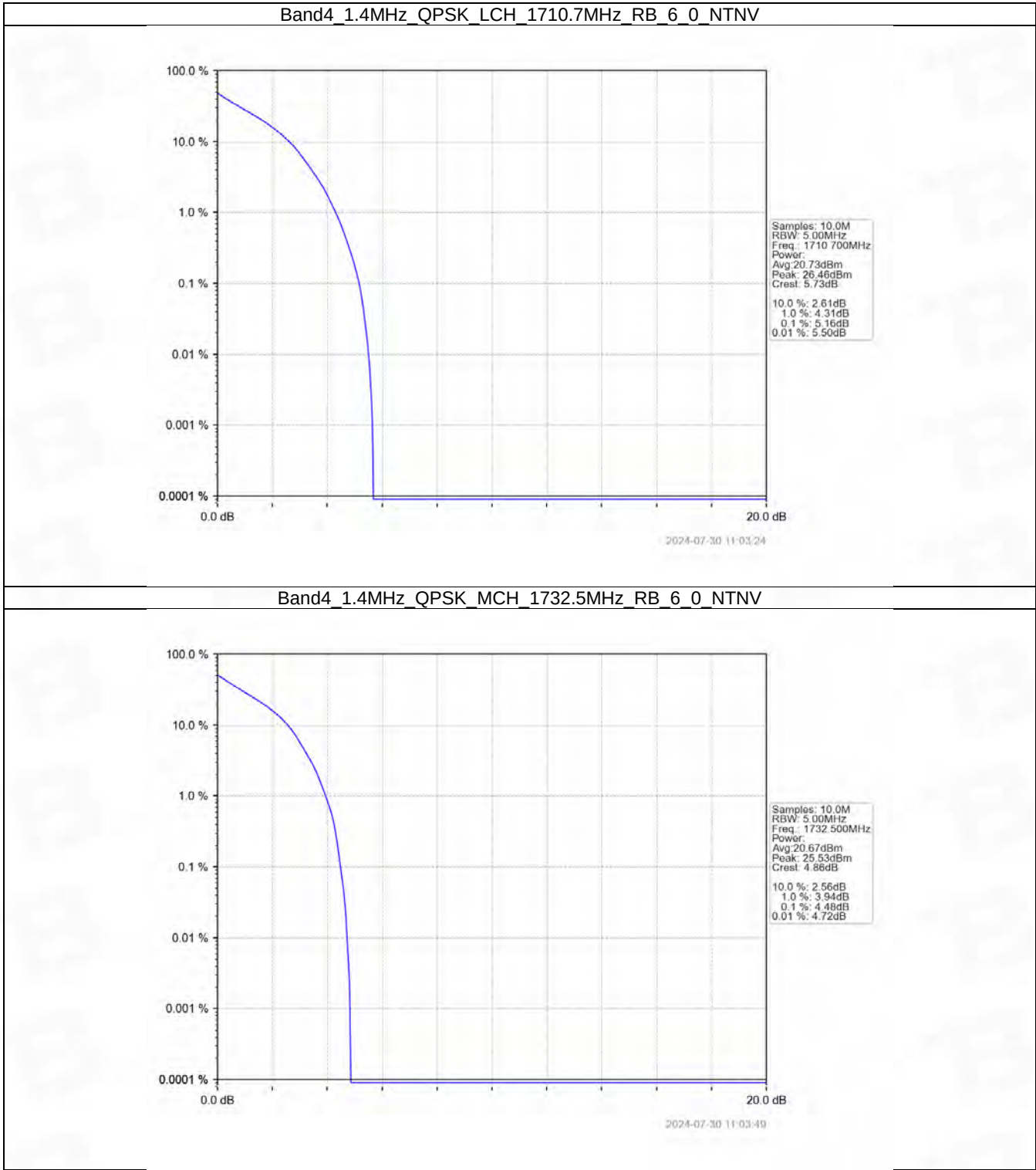
Band: 4 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.67	<=13	Pass
	1732.5	75	0	5.26	<=13	Pass
	1747.5	75	0	4.81	<=13	Pass
16QAM	1717.5	75	0	6.36	<=13	Pass
	1732.5	75	0	5.97	<=13	Pass
	1747.5	75	0	5.61	<=13	Pass

5.1.6 B4_20MHz

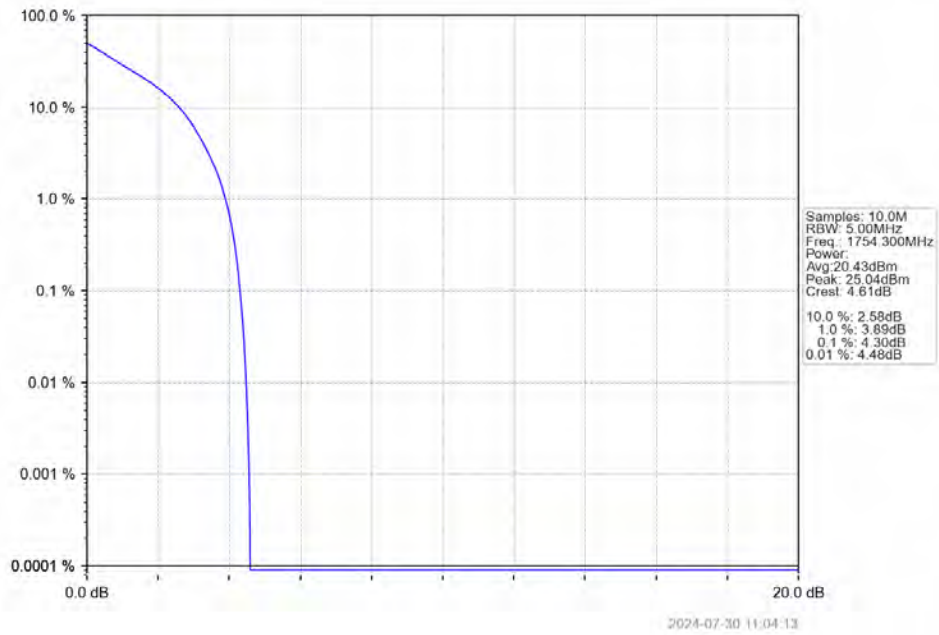
Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.59	<=13	Pass
	1732.5	100	0	5.25	<=13	Pass
	1745	100	0	4.97	<=13	Pass
16QAM	1720	100	0	6.31	<=13	Pass
	1732.5	100	0	6.05	<=13	Pass
	1745	100	0	5.76	<=13	Pass

5.2 Test Graph

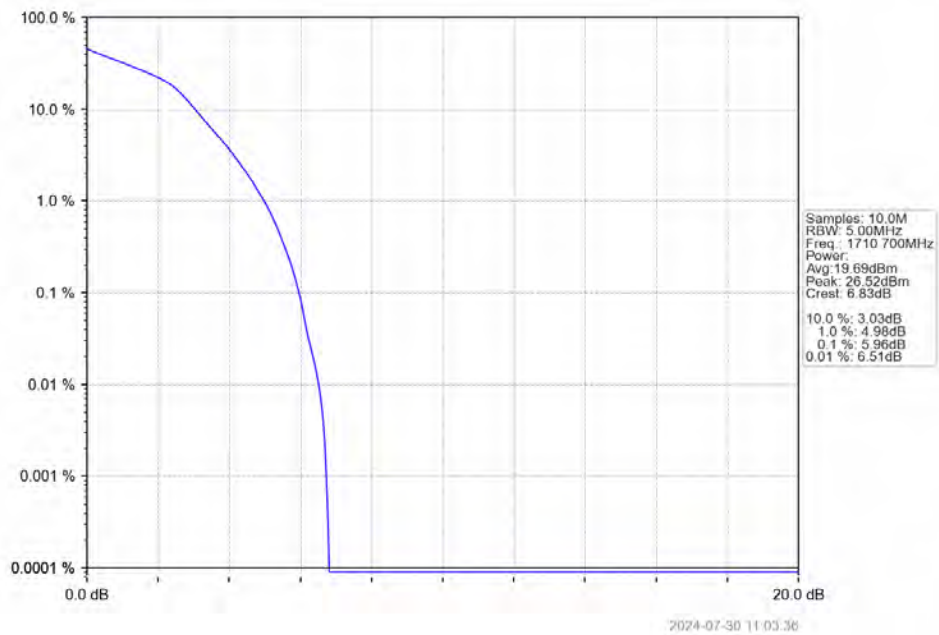
5.2.1 B4_1.4MHz



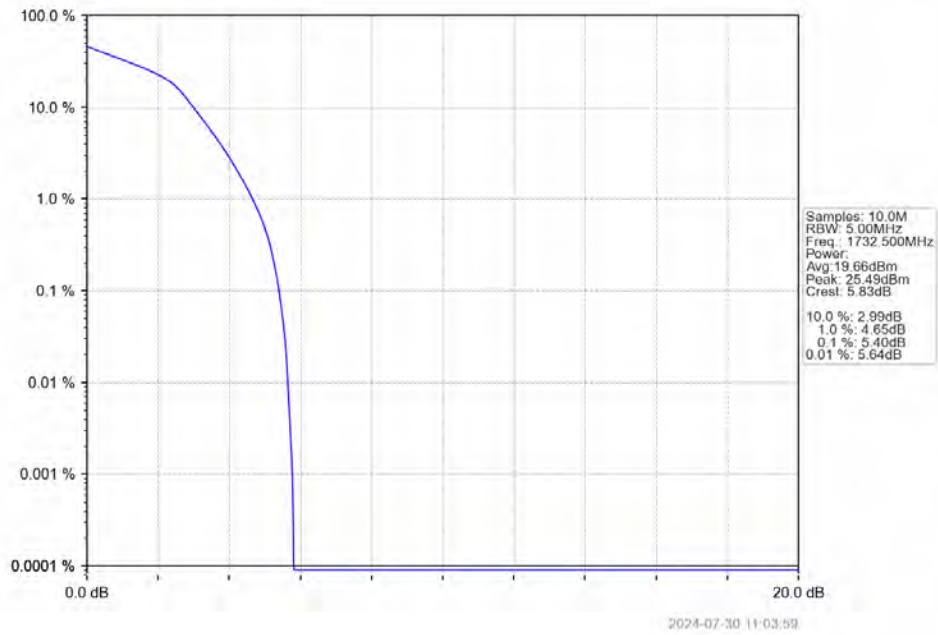
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



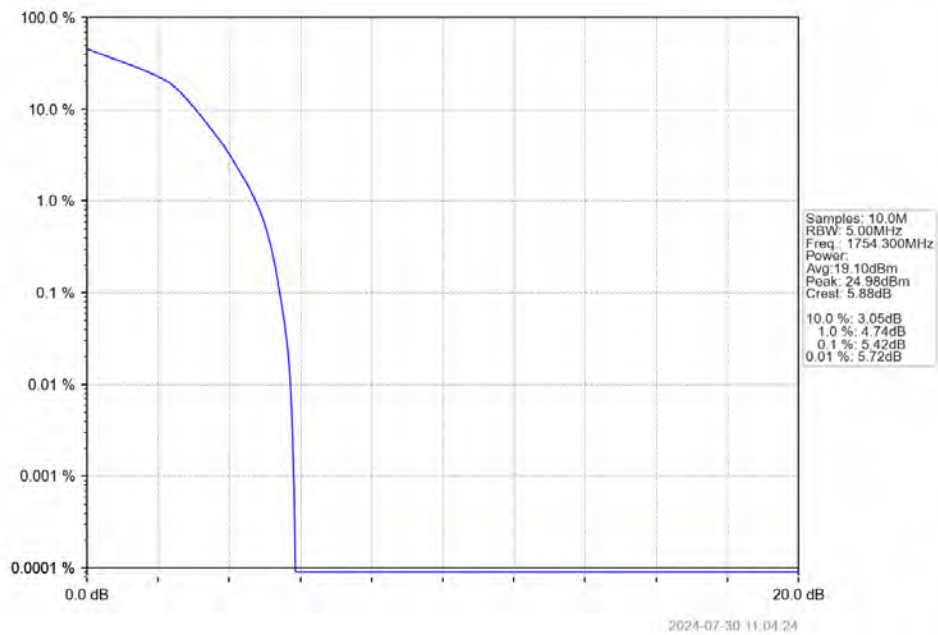
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



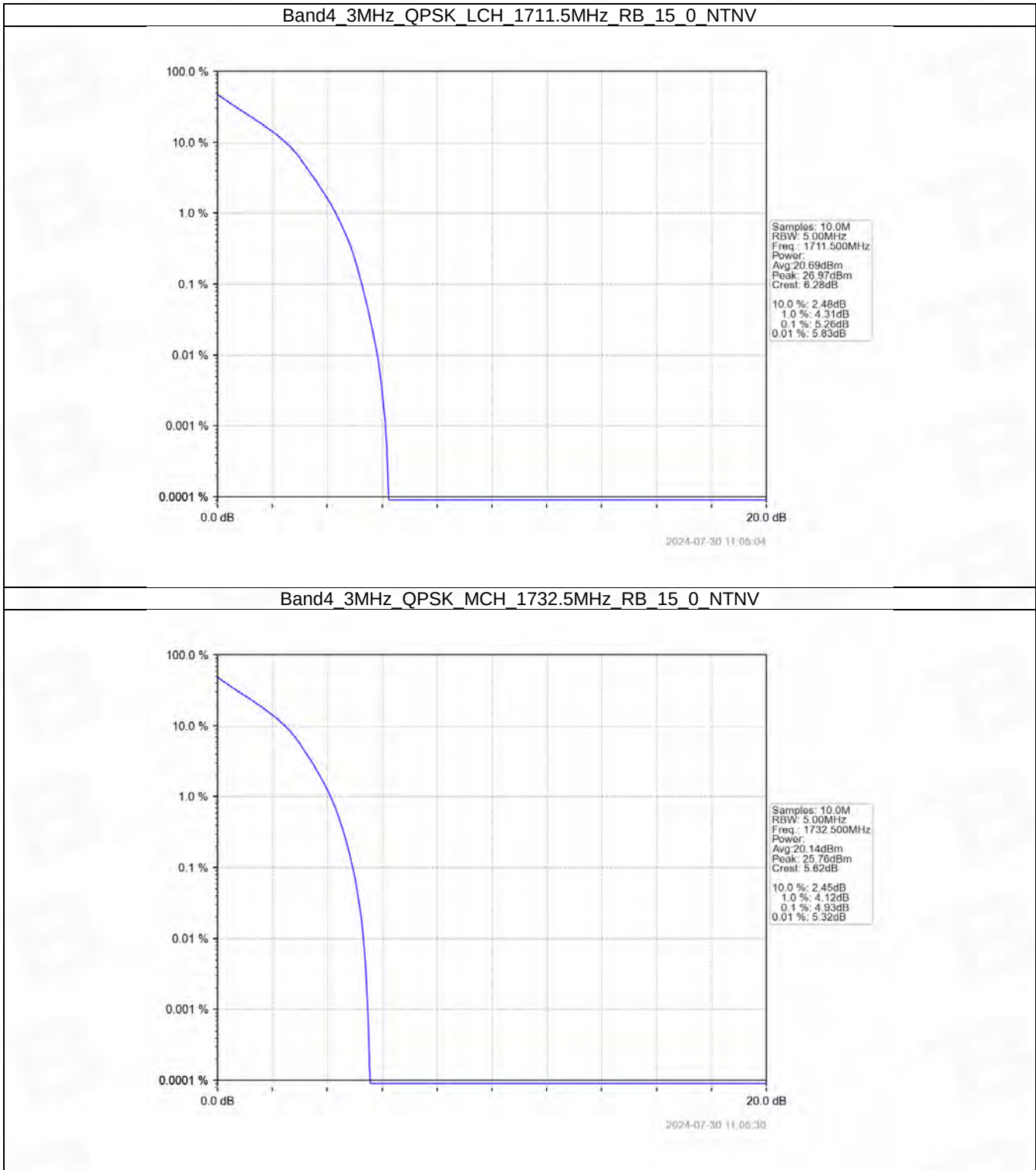
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



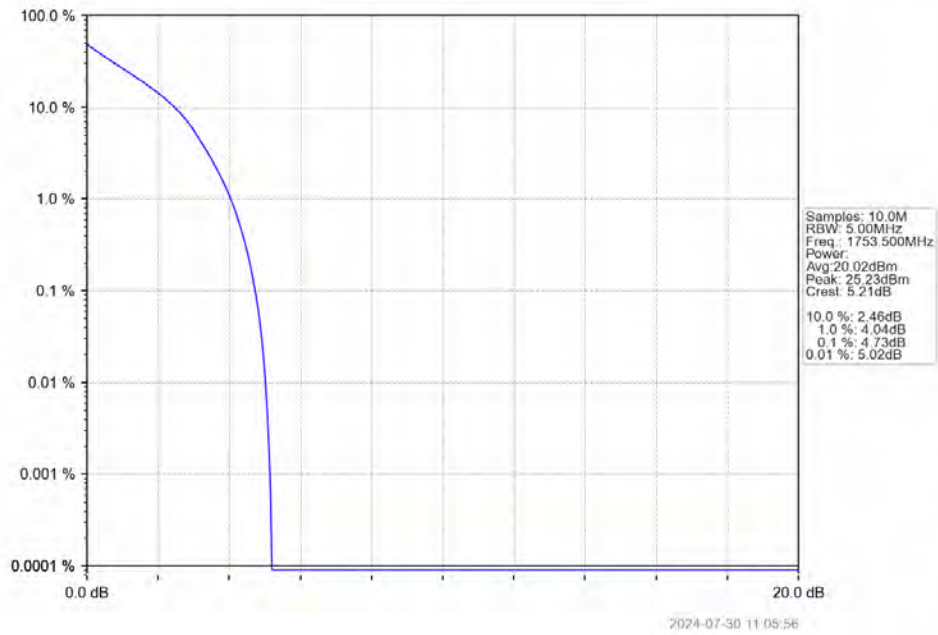
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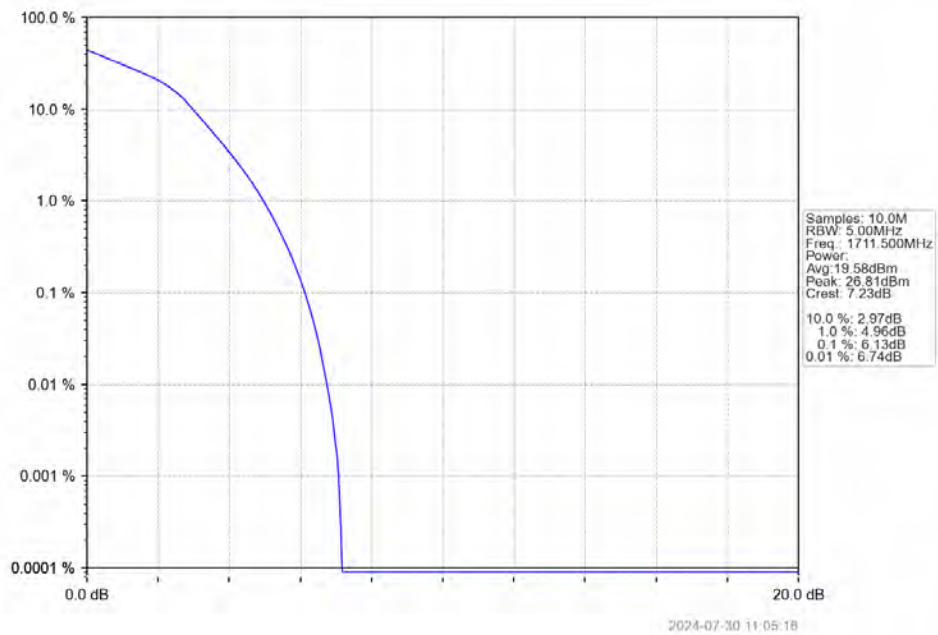
5.2.2 B4_3MHz



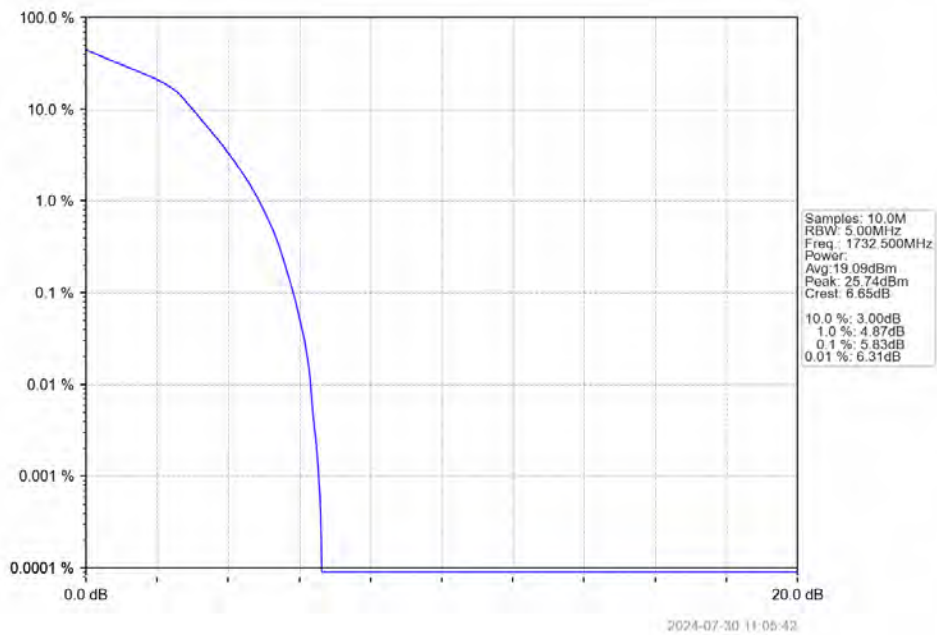
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTN



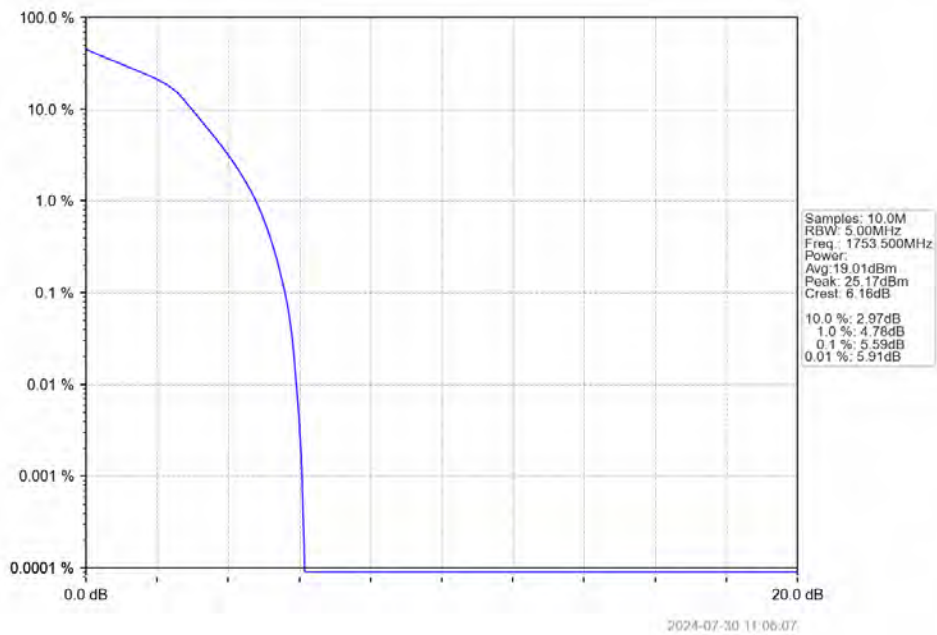
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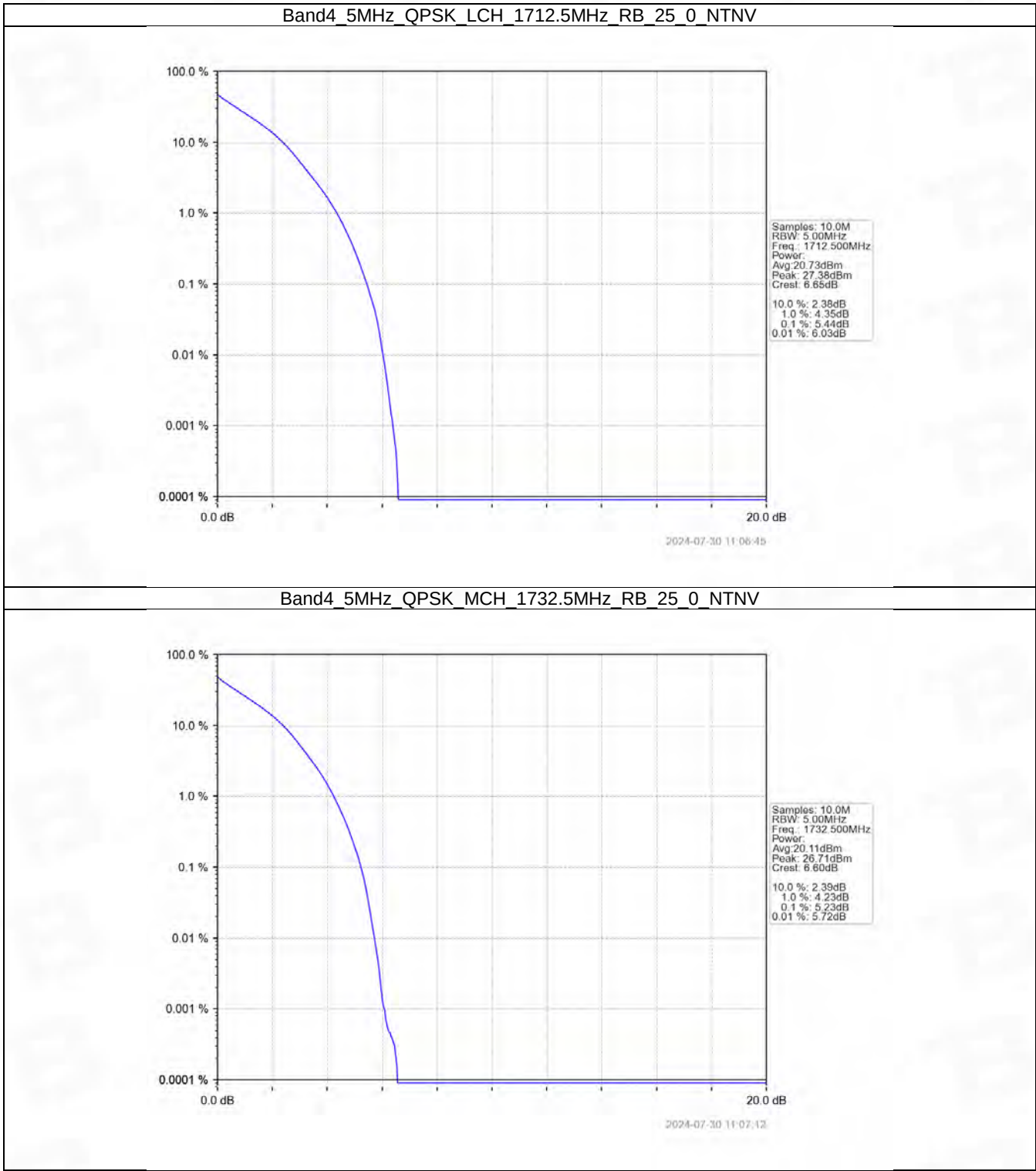
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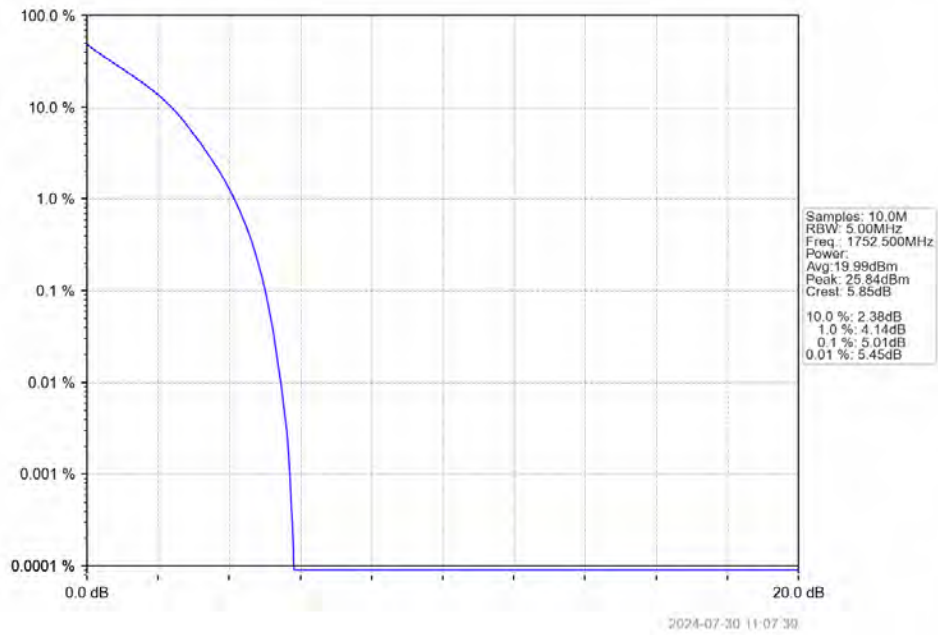
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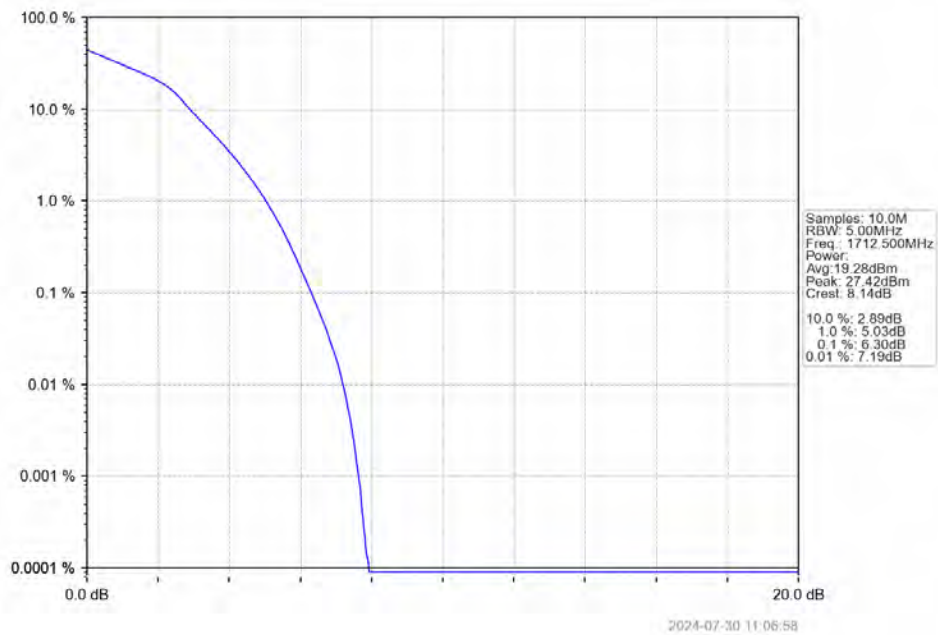
5.2.3 B4_5MHz



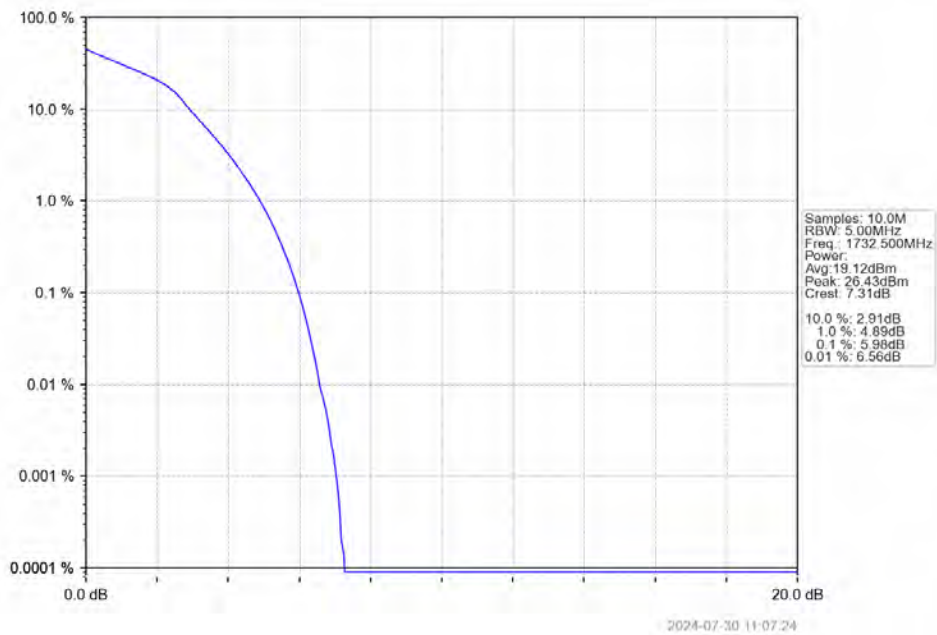
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTN



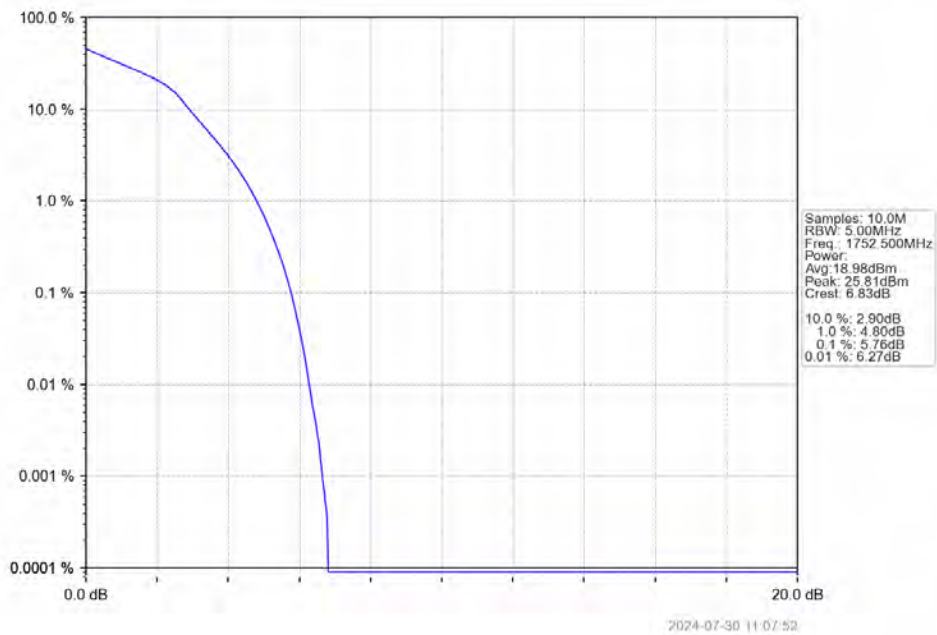
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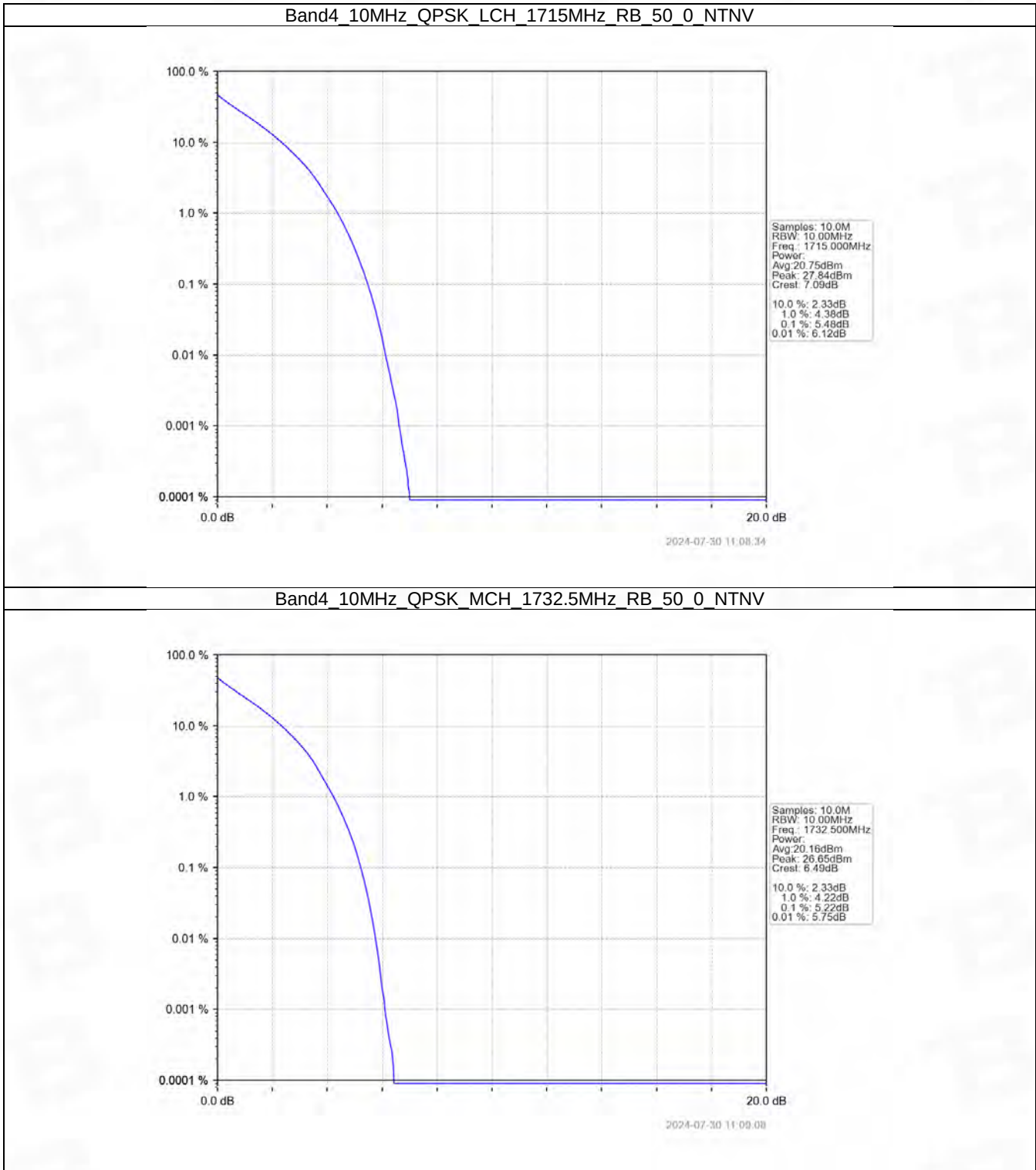
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



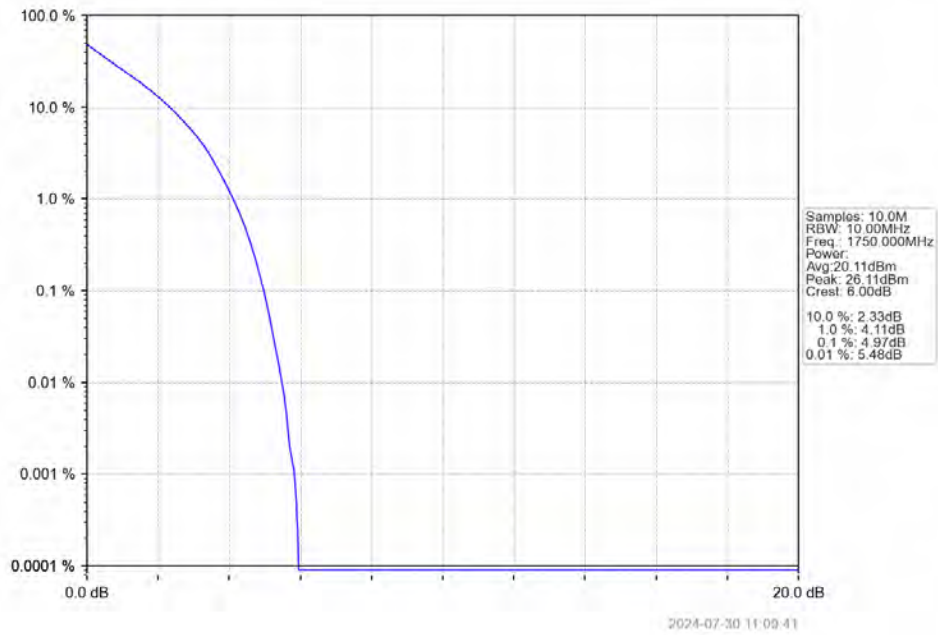
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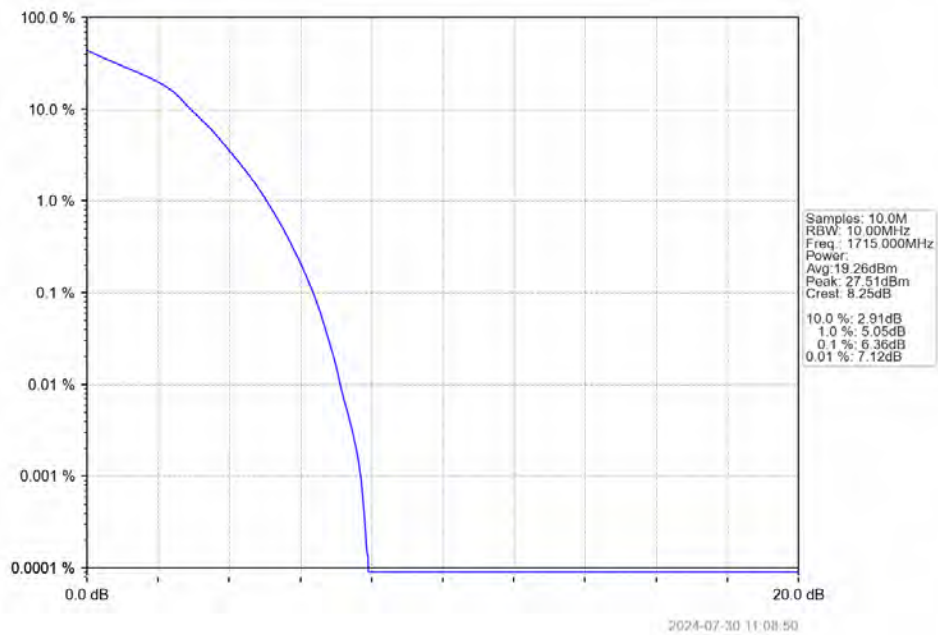
5.2.4 B4_10MHz



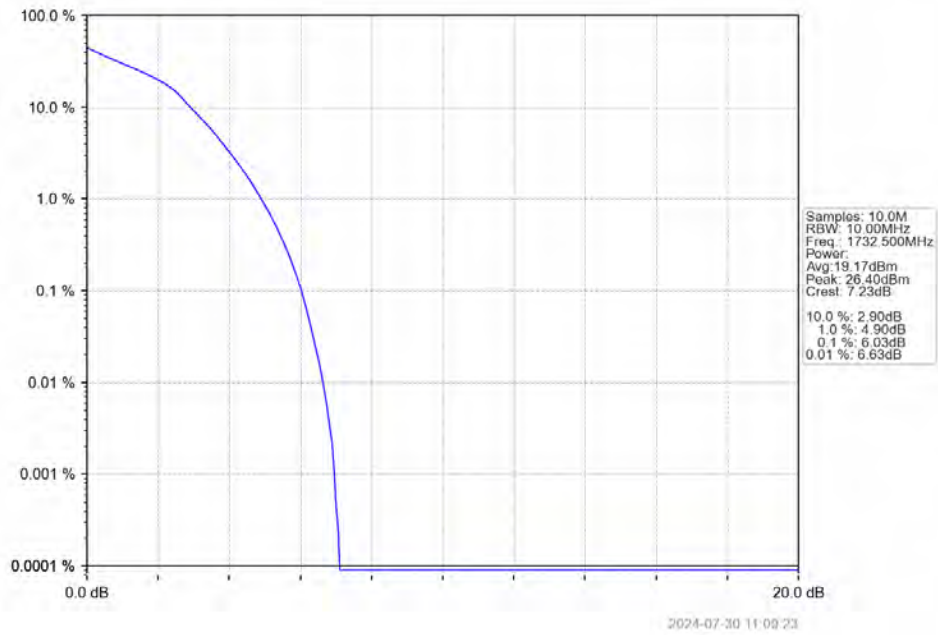
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



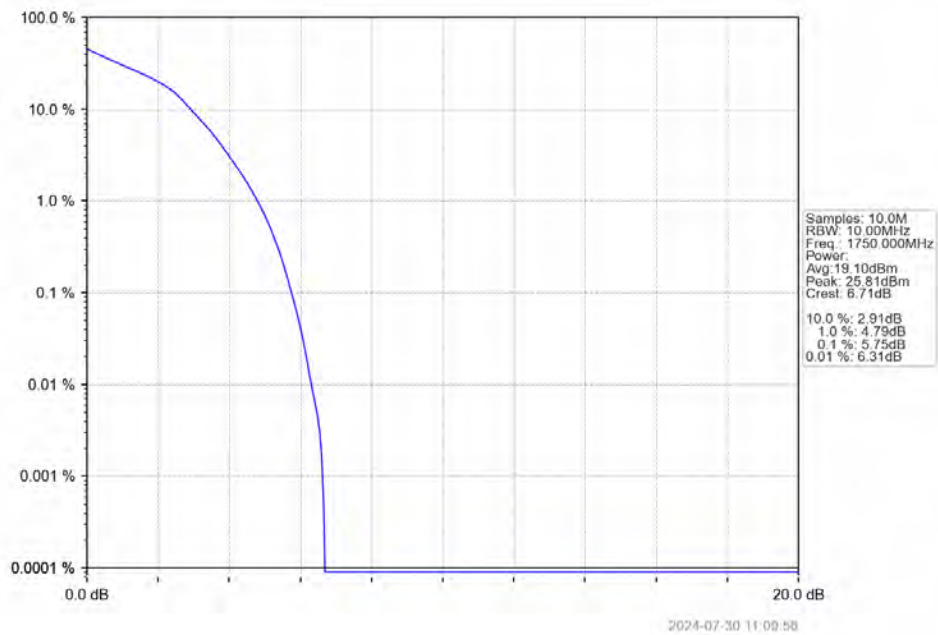
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



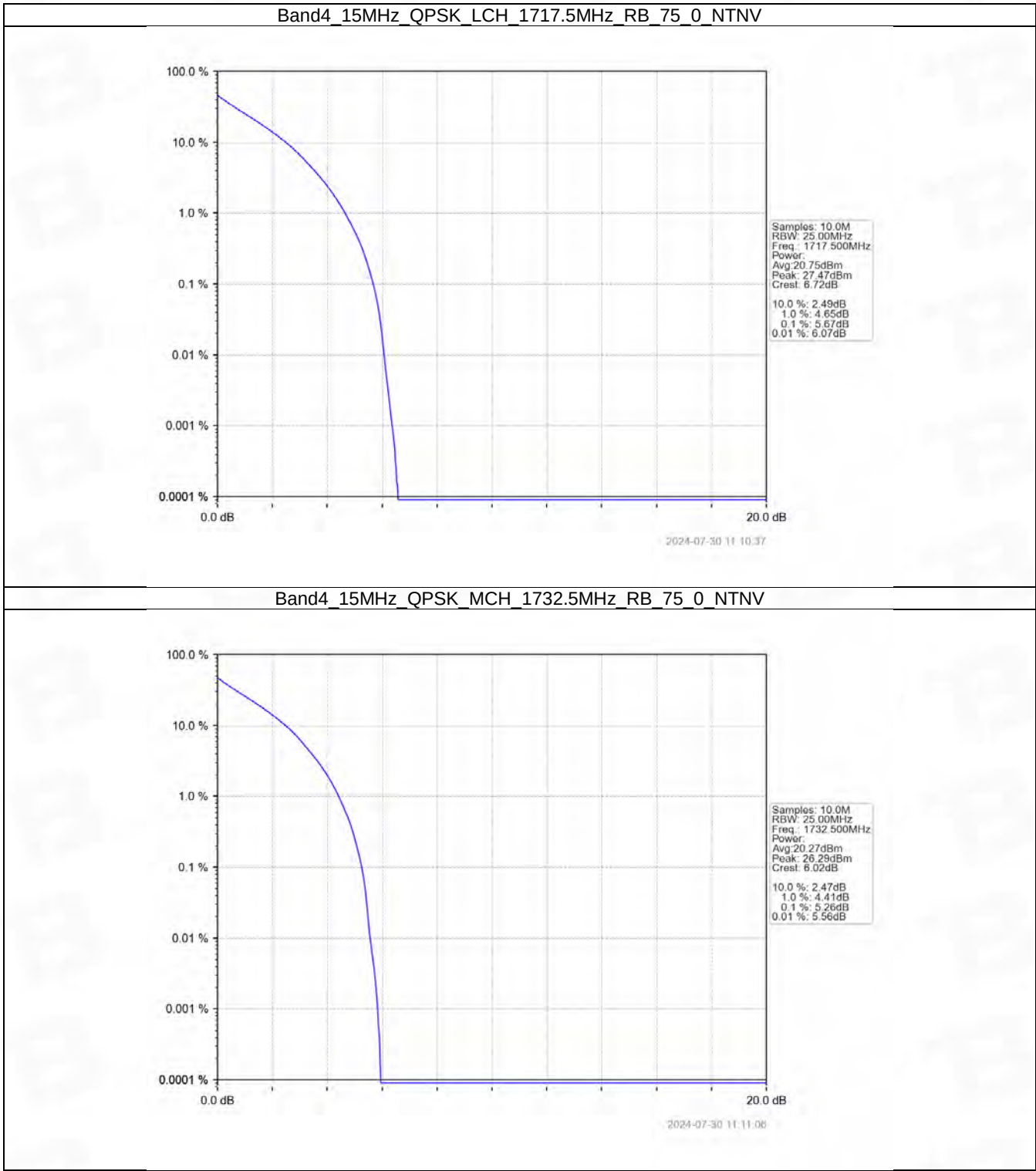
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



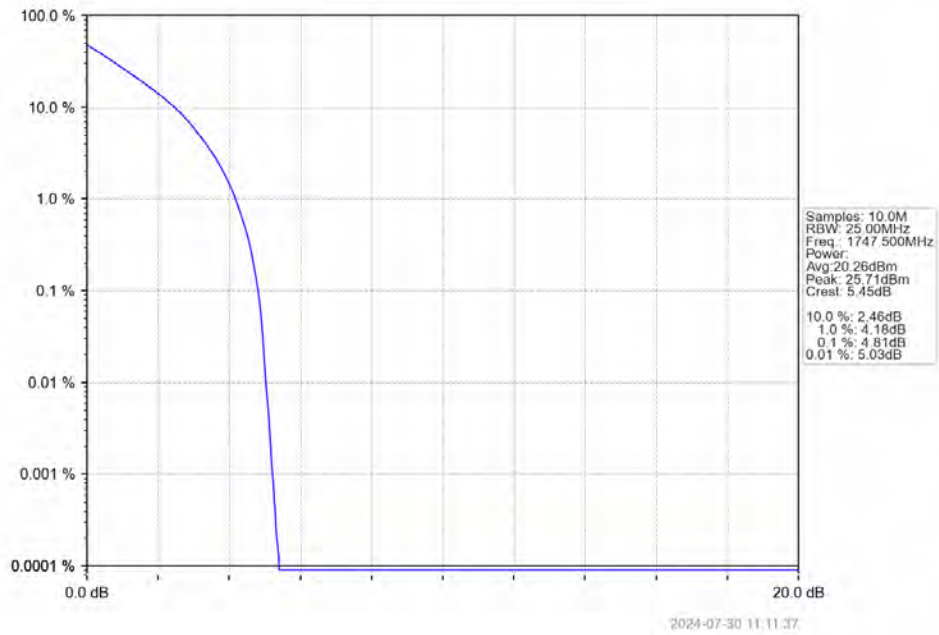
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



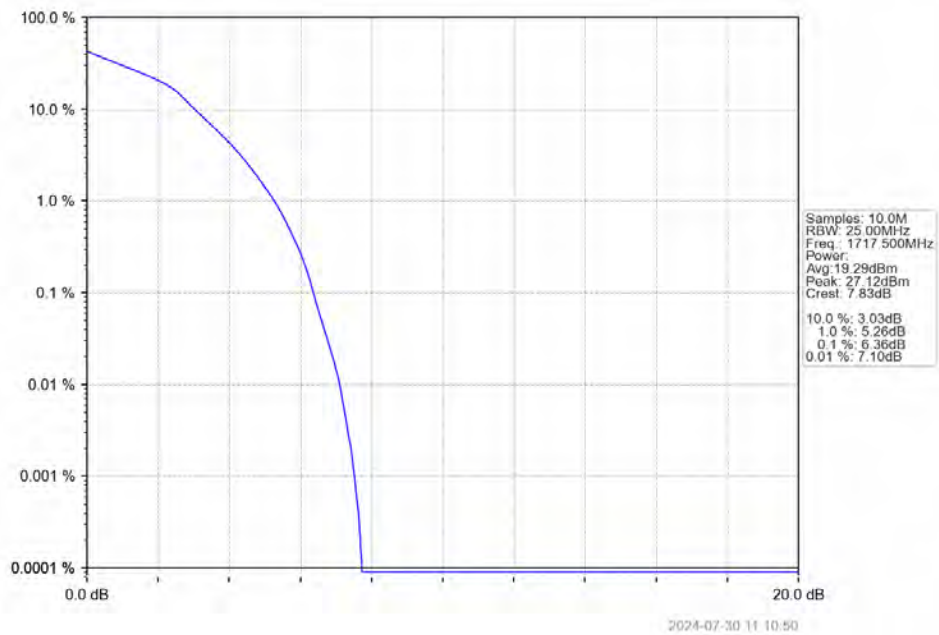
5.2.5 B4_15MHz



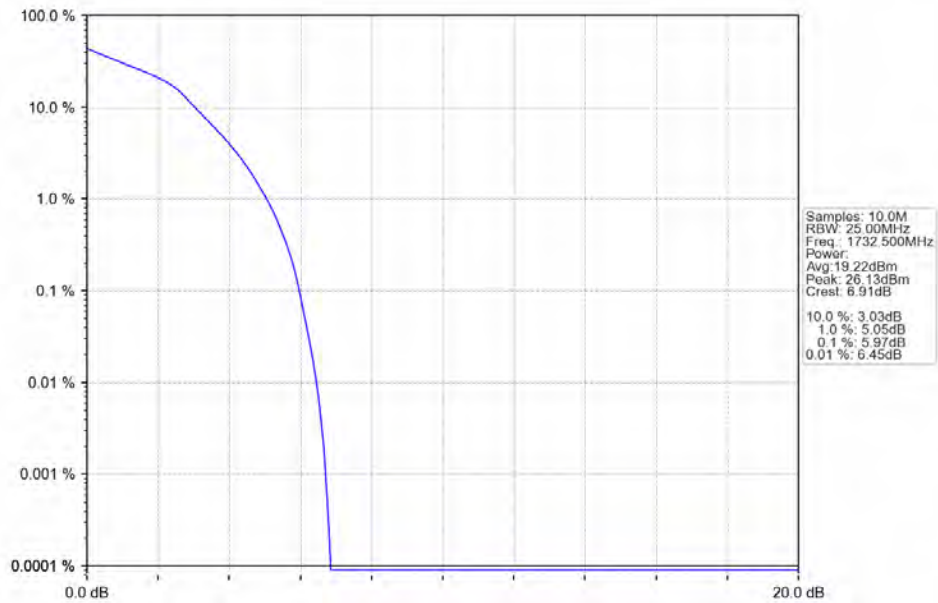
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV



Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV

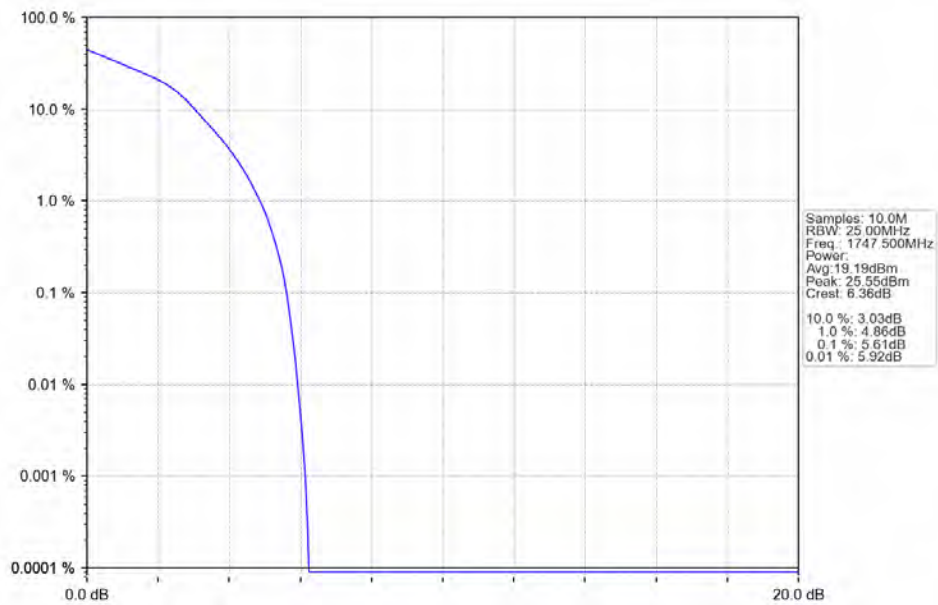


Band4 15MHz 16QAM MCH 1732.5MHz RB 75.0 NTNV



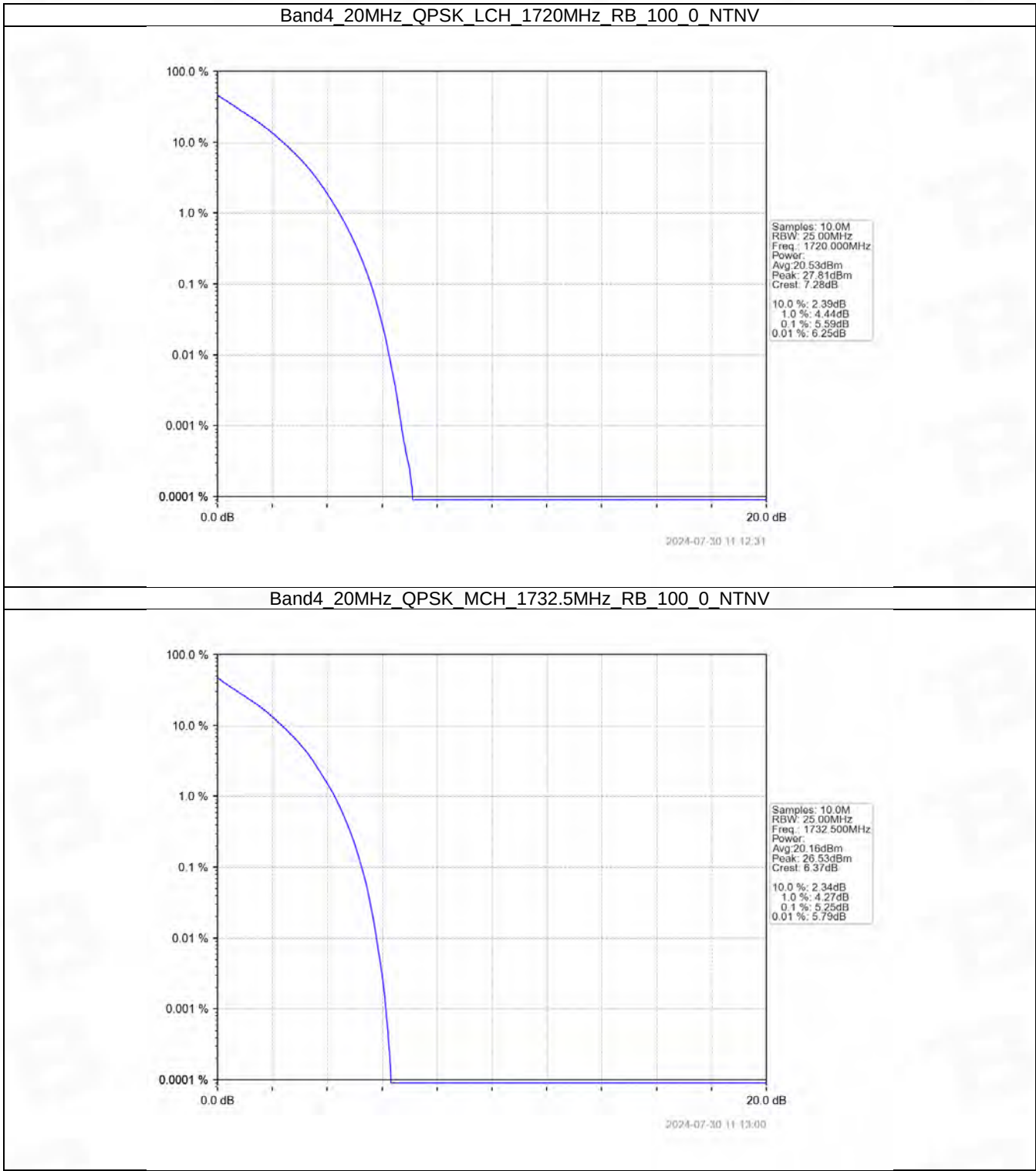
2024-07-30 11:11:20

Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV

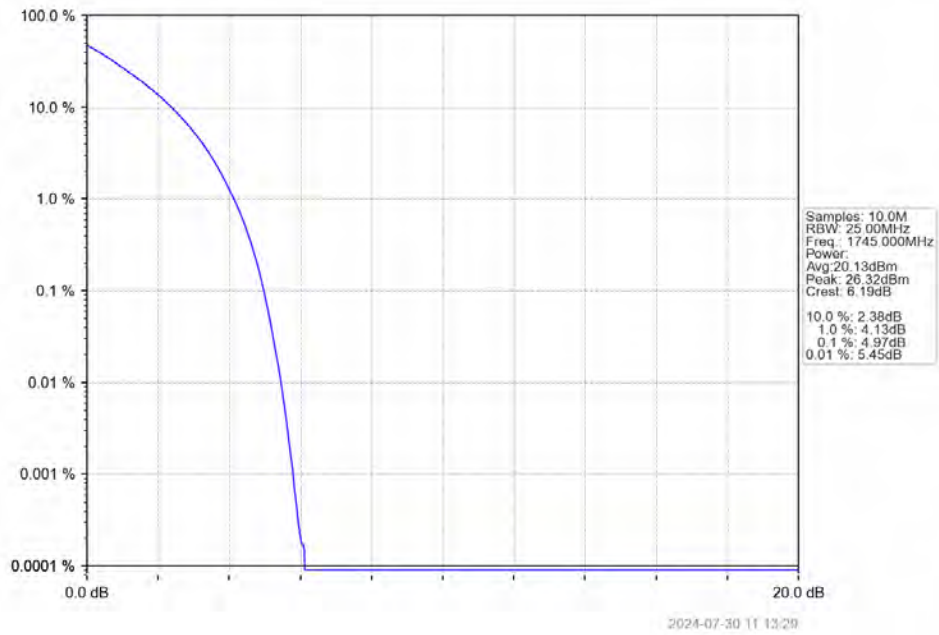


2024-07-30 11:11:50

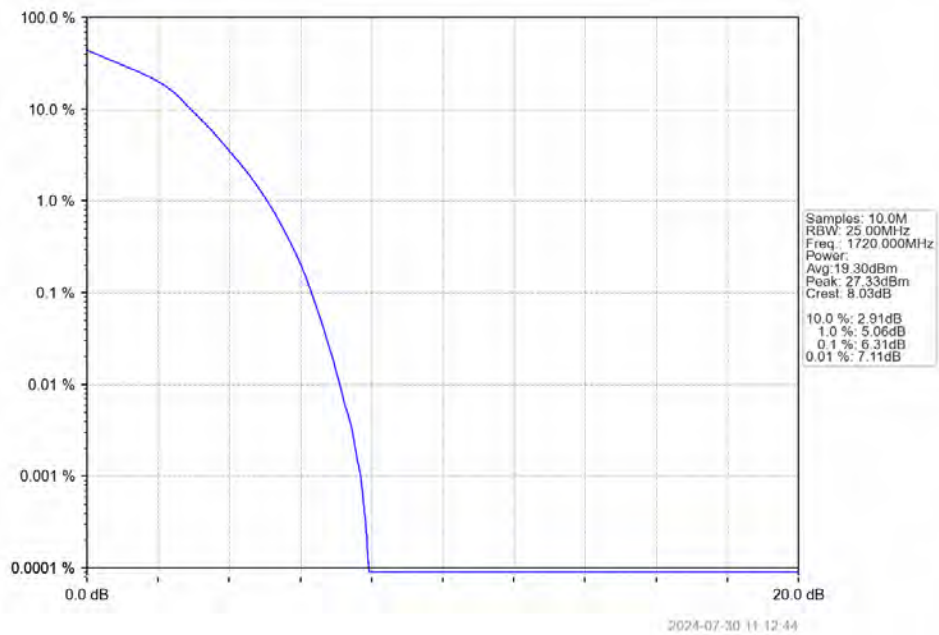
5.2.6 B4_20MHz



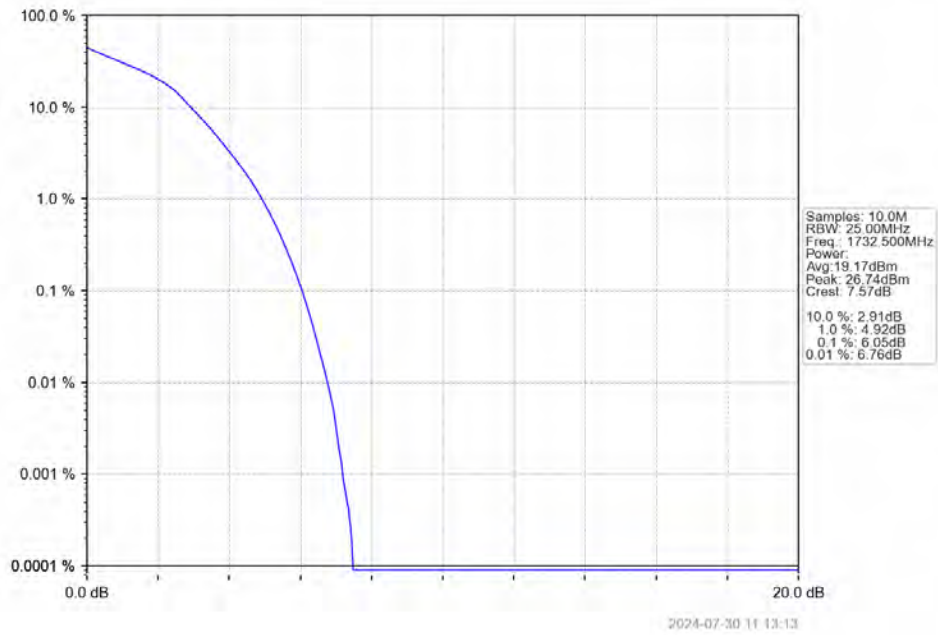
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



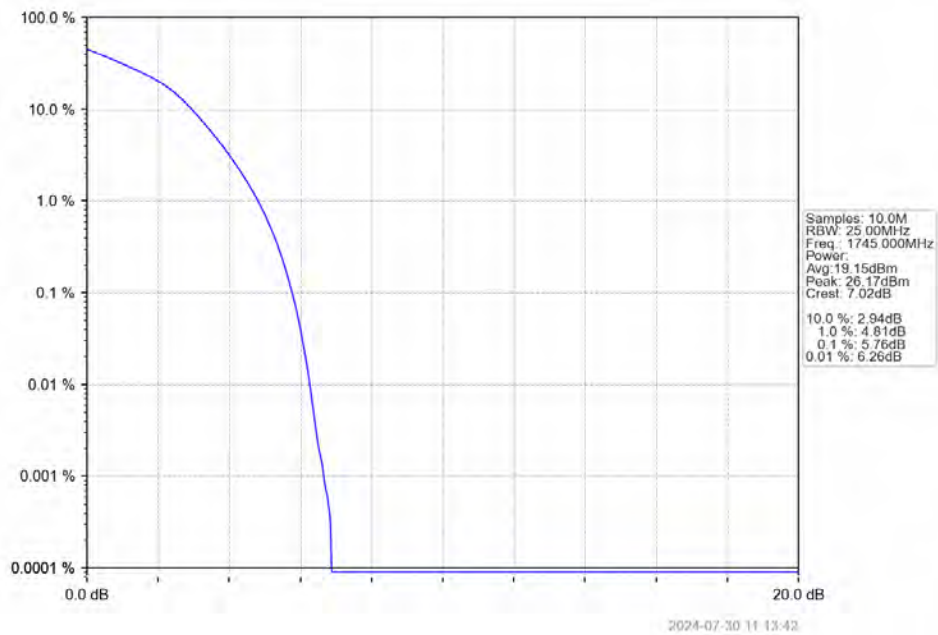
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

		25	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1752.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B4_10MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1750	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
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B4_15MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	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
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

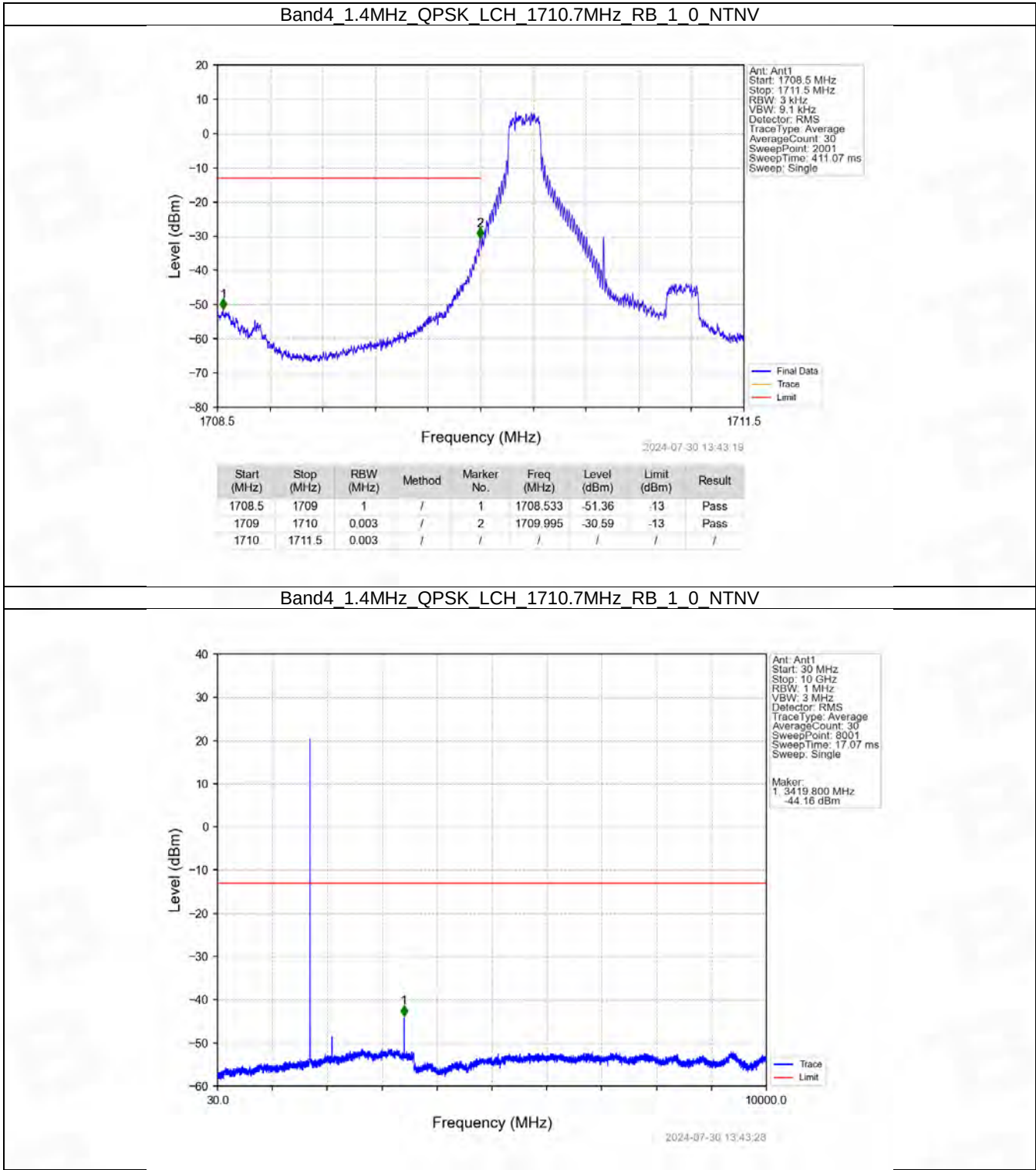
6.1.6 B4_20MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1745	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

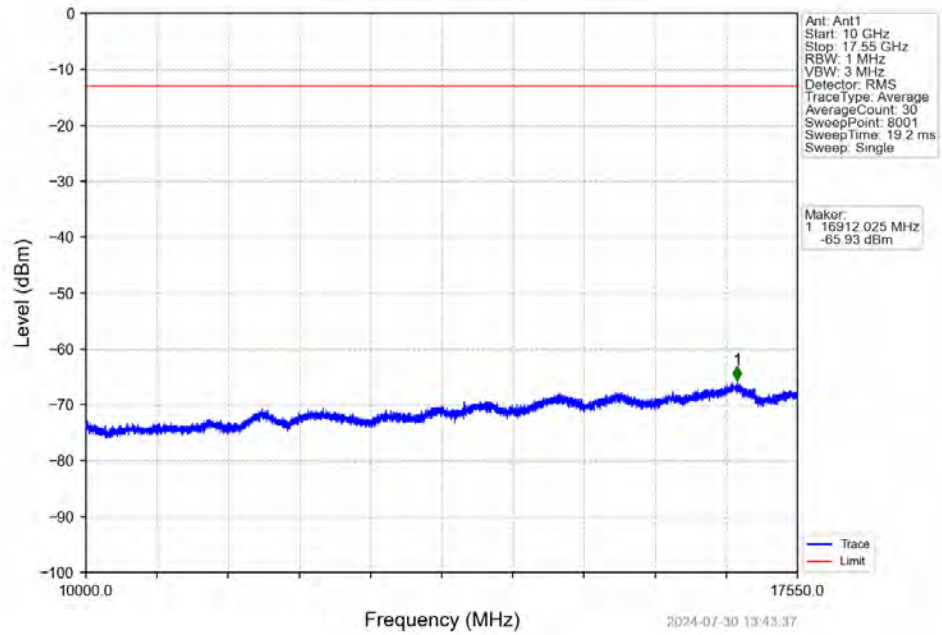
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

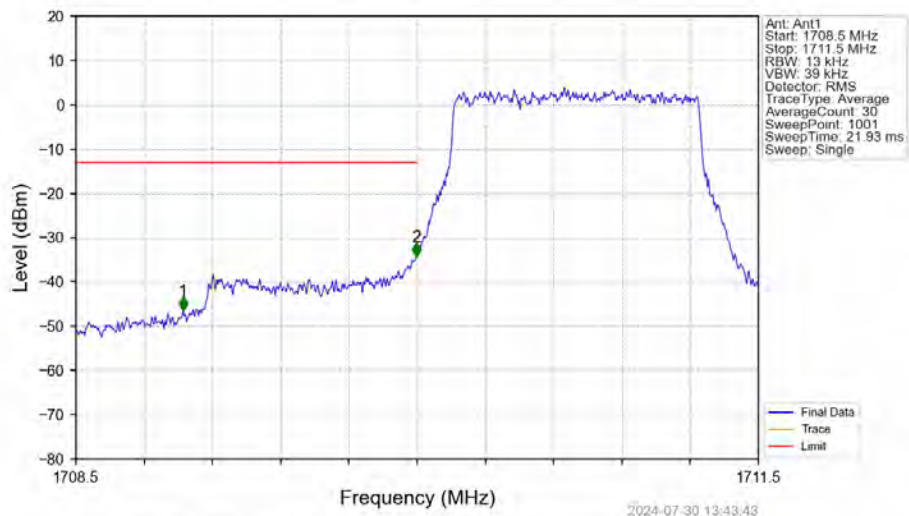
6.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

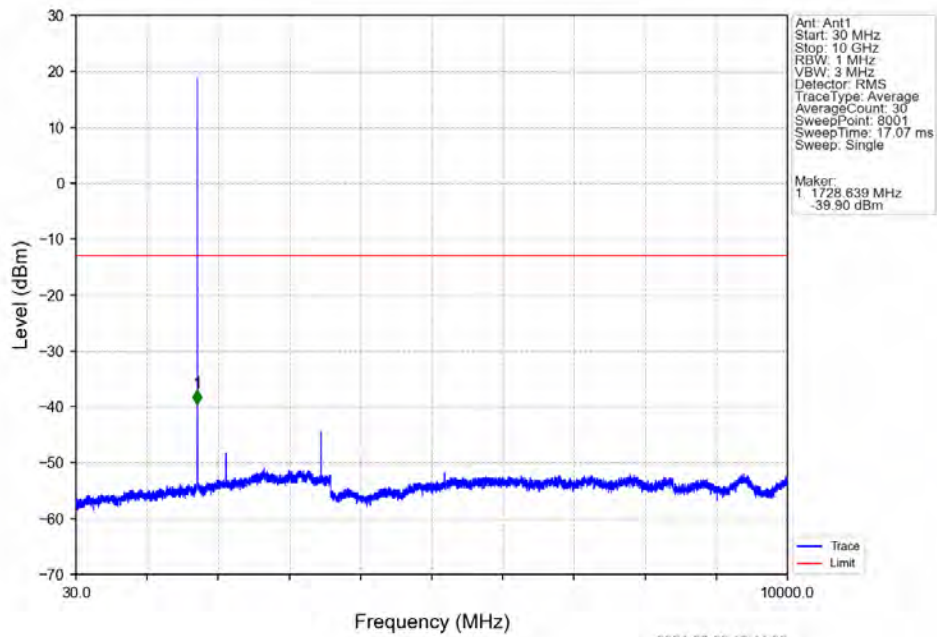


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

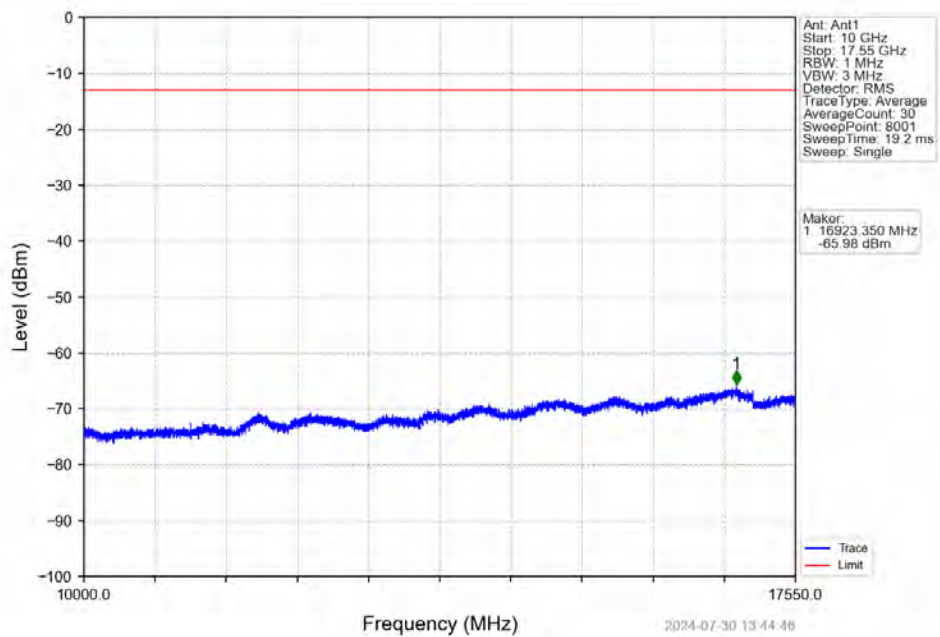


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.971	-46.38	-13	Pass
1709	1710	0.013	/	2	1709.997	-34.28	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

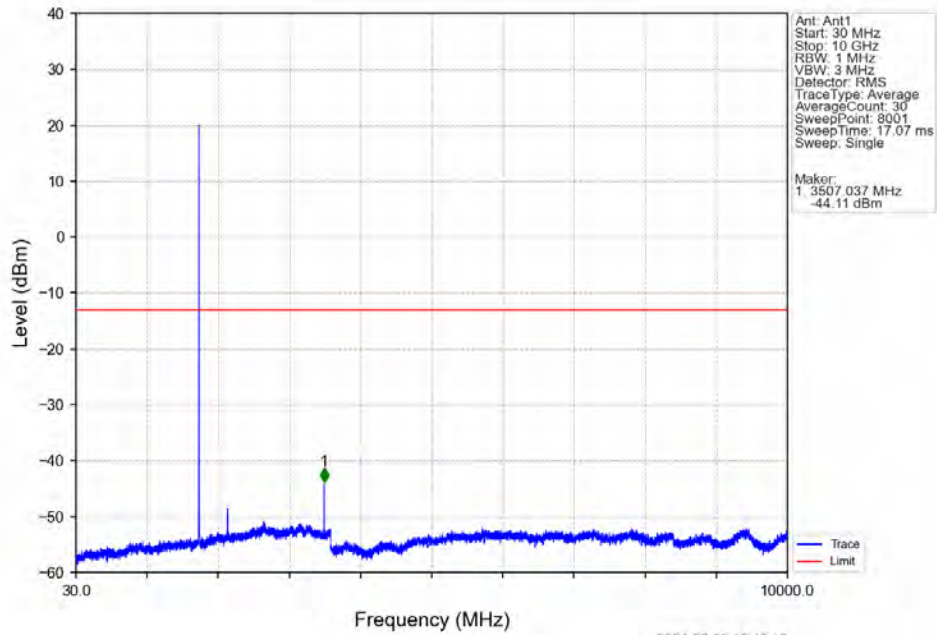
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



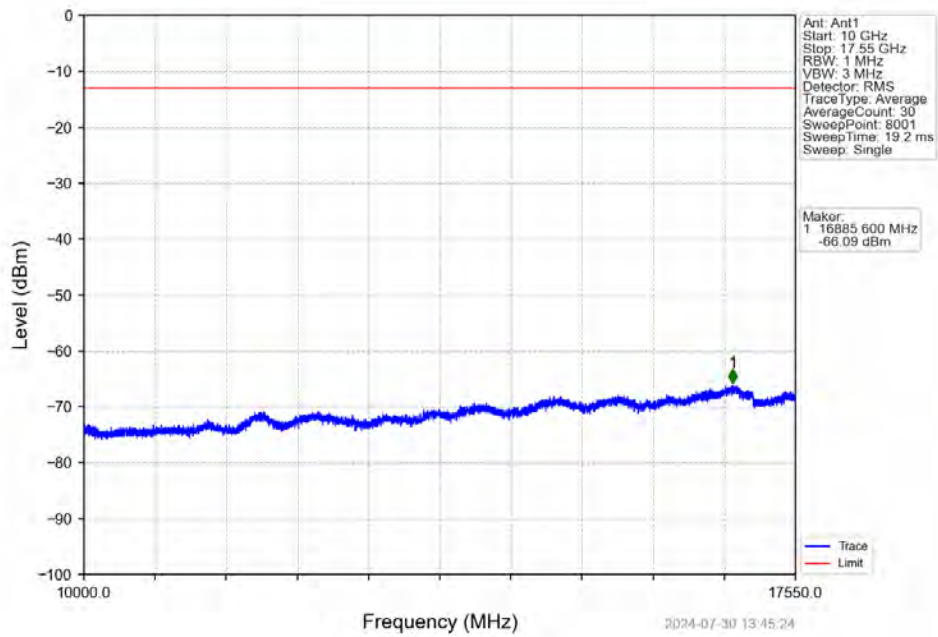
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



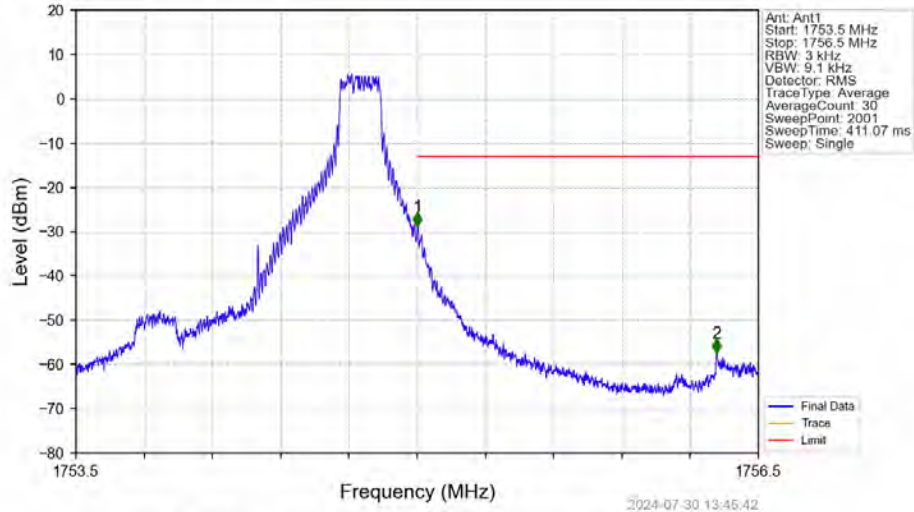
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

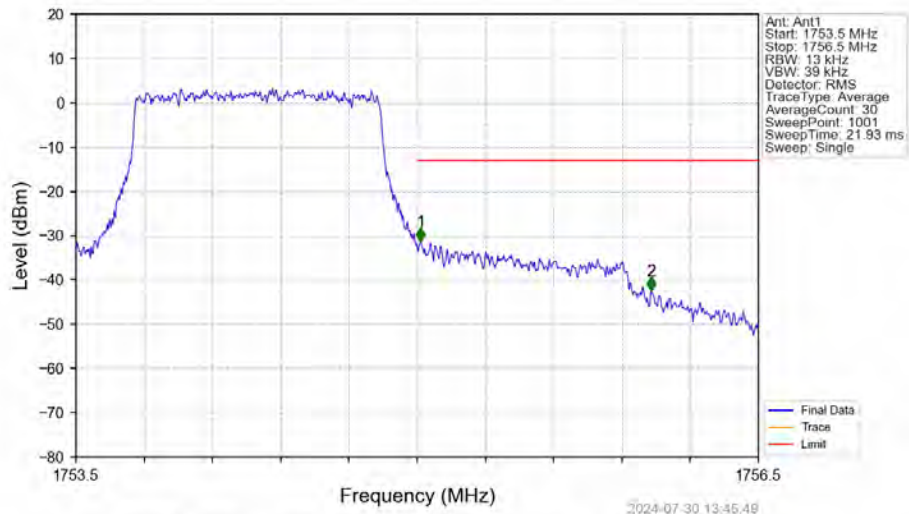


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



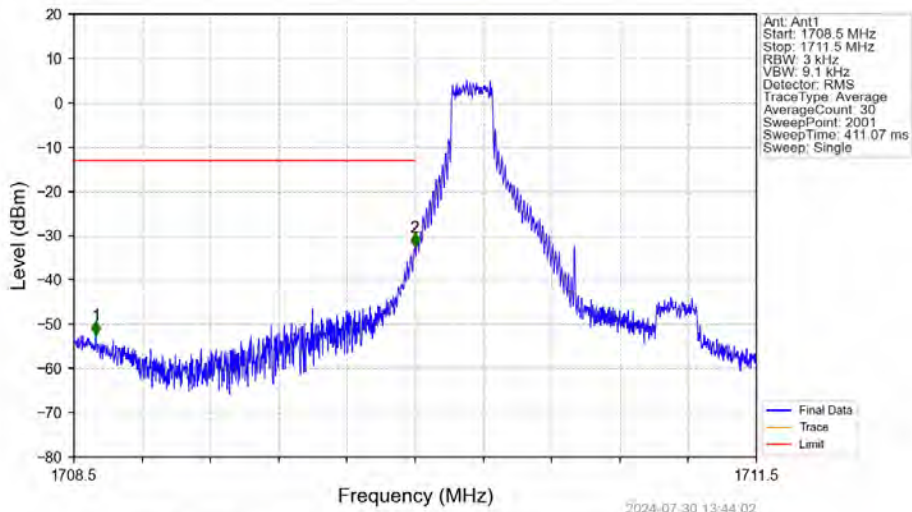
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-28.69	-13	Pass
1756	1756.5	1	/	2	1756.317	-57.29	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

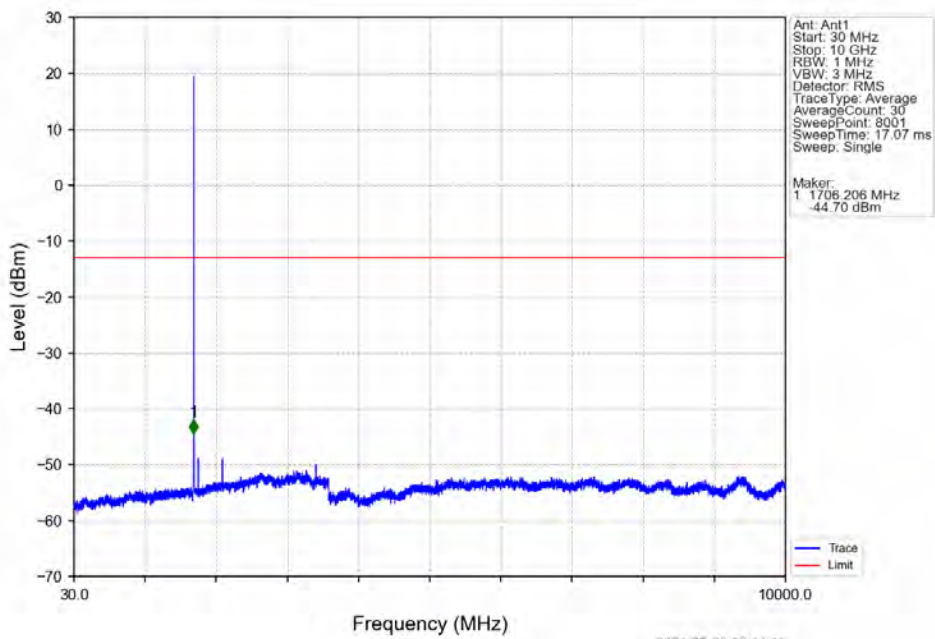


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.015	-31.28	-13	Pass
1756	1756.5	1	/	2	1756.029	-42.50	-13	Pass

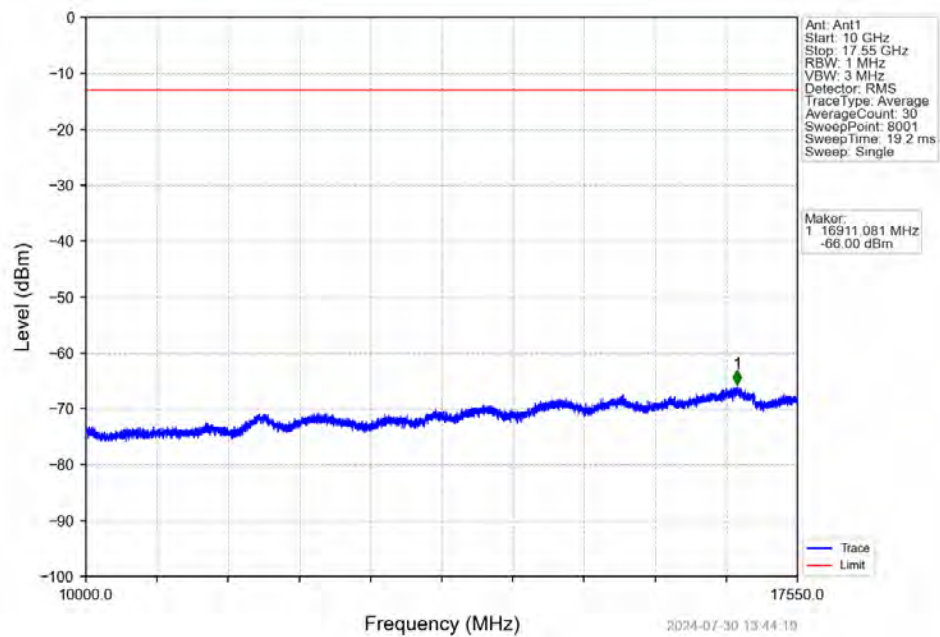
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



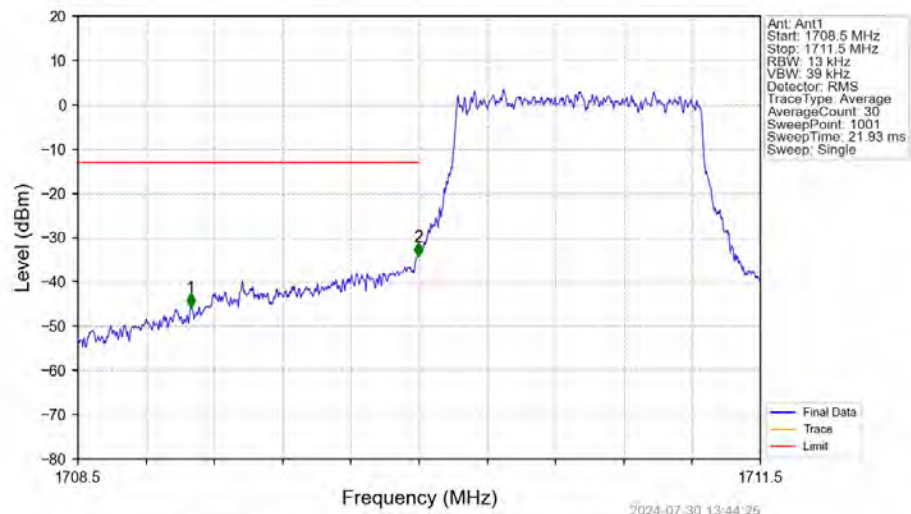
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV

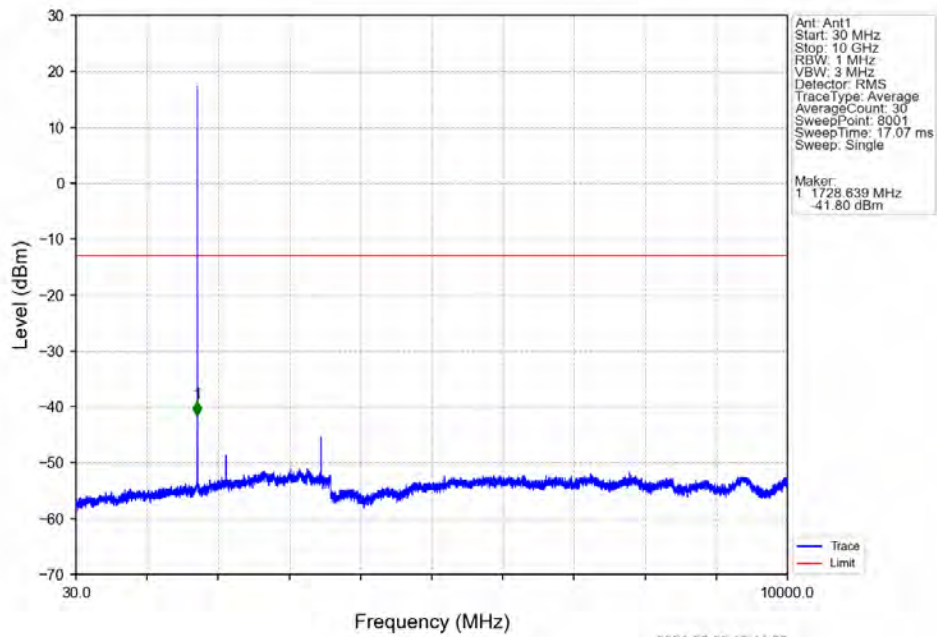


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

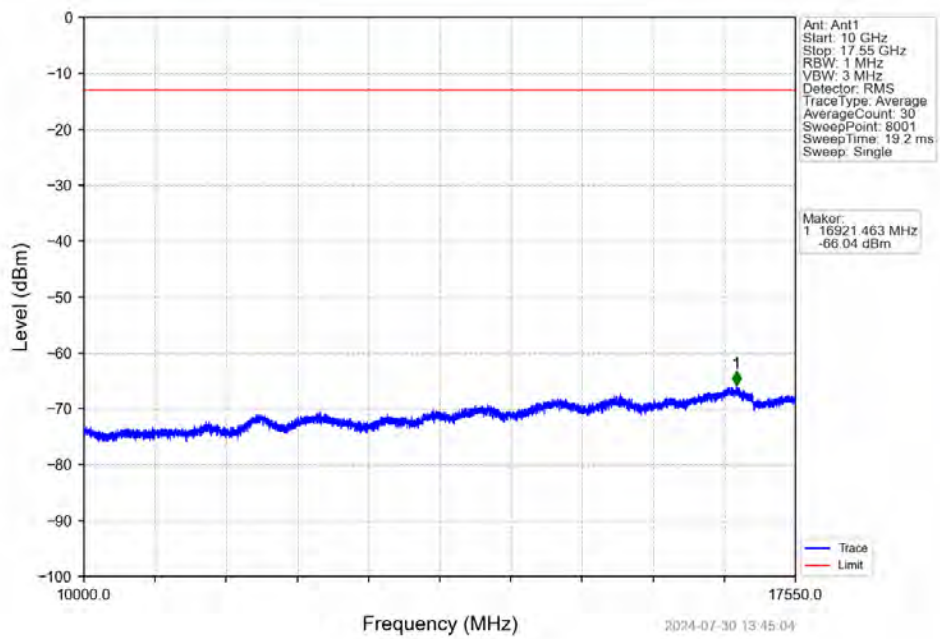


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.995	-45.77	-13	Pass
1709	1710	0.013	/	2	1709.997	-34.27	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

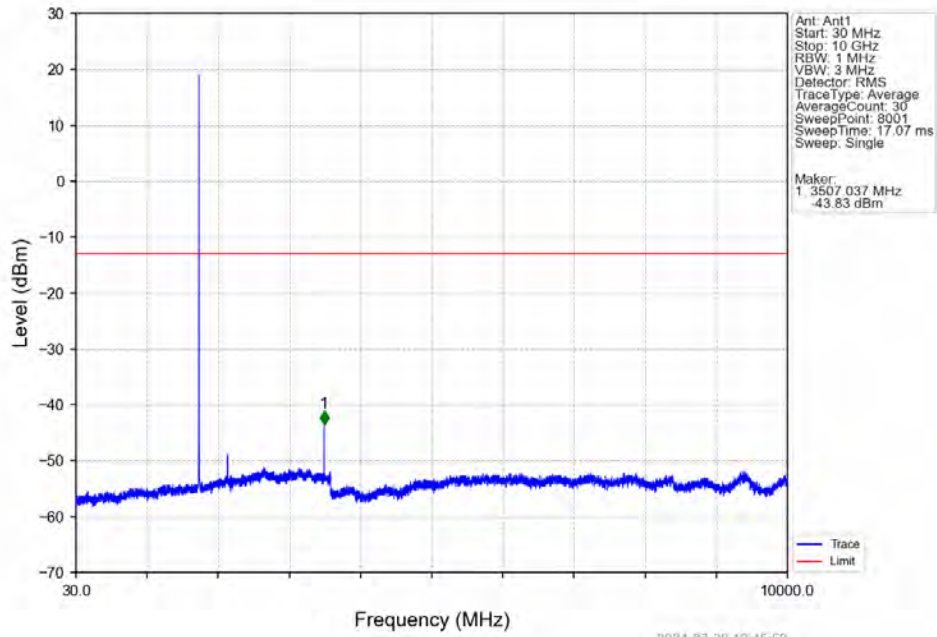
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



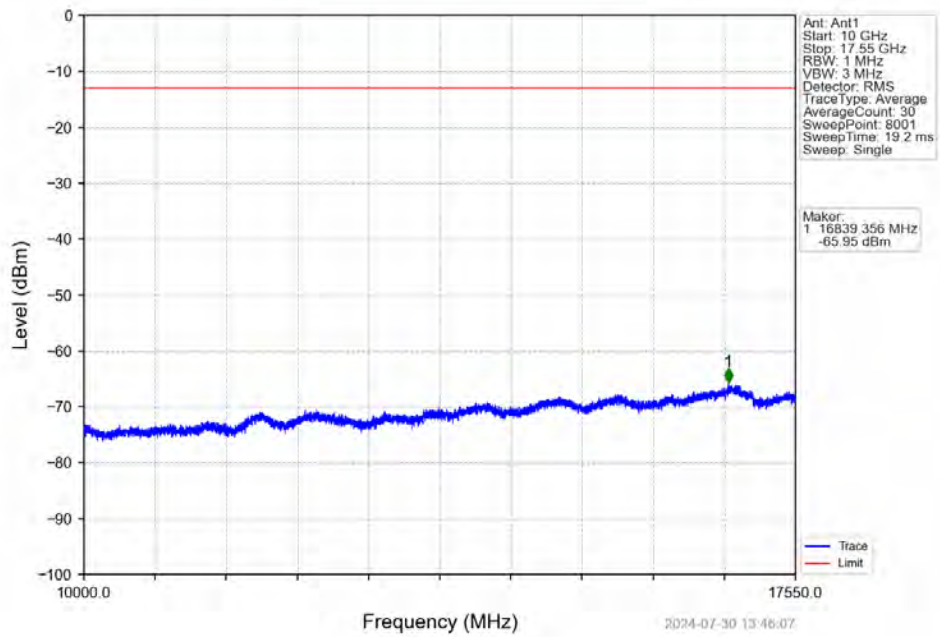
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



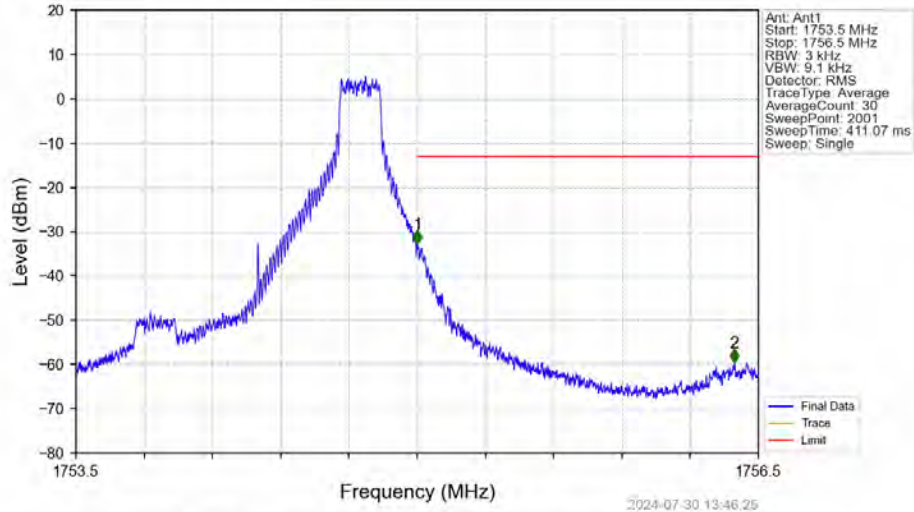
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTV

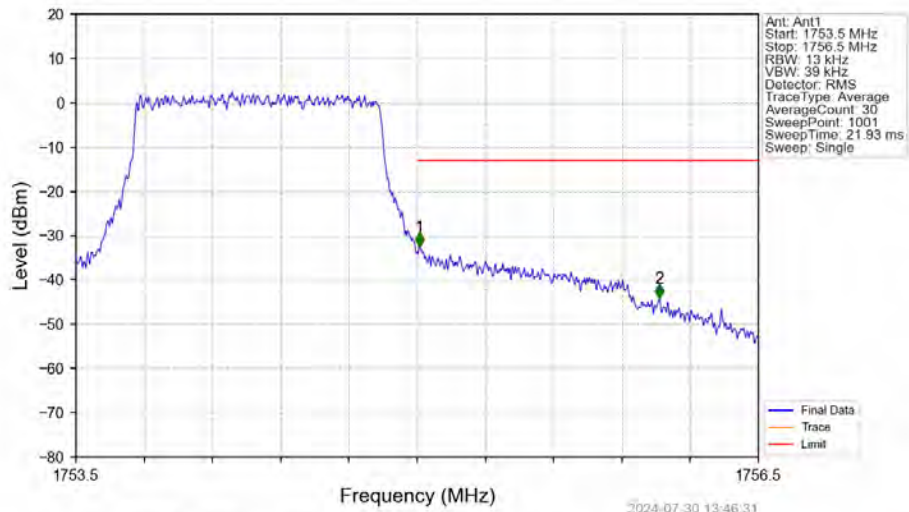


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 5 NTNV



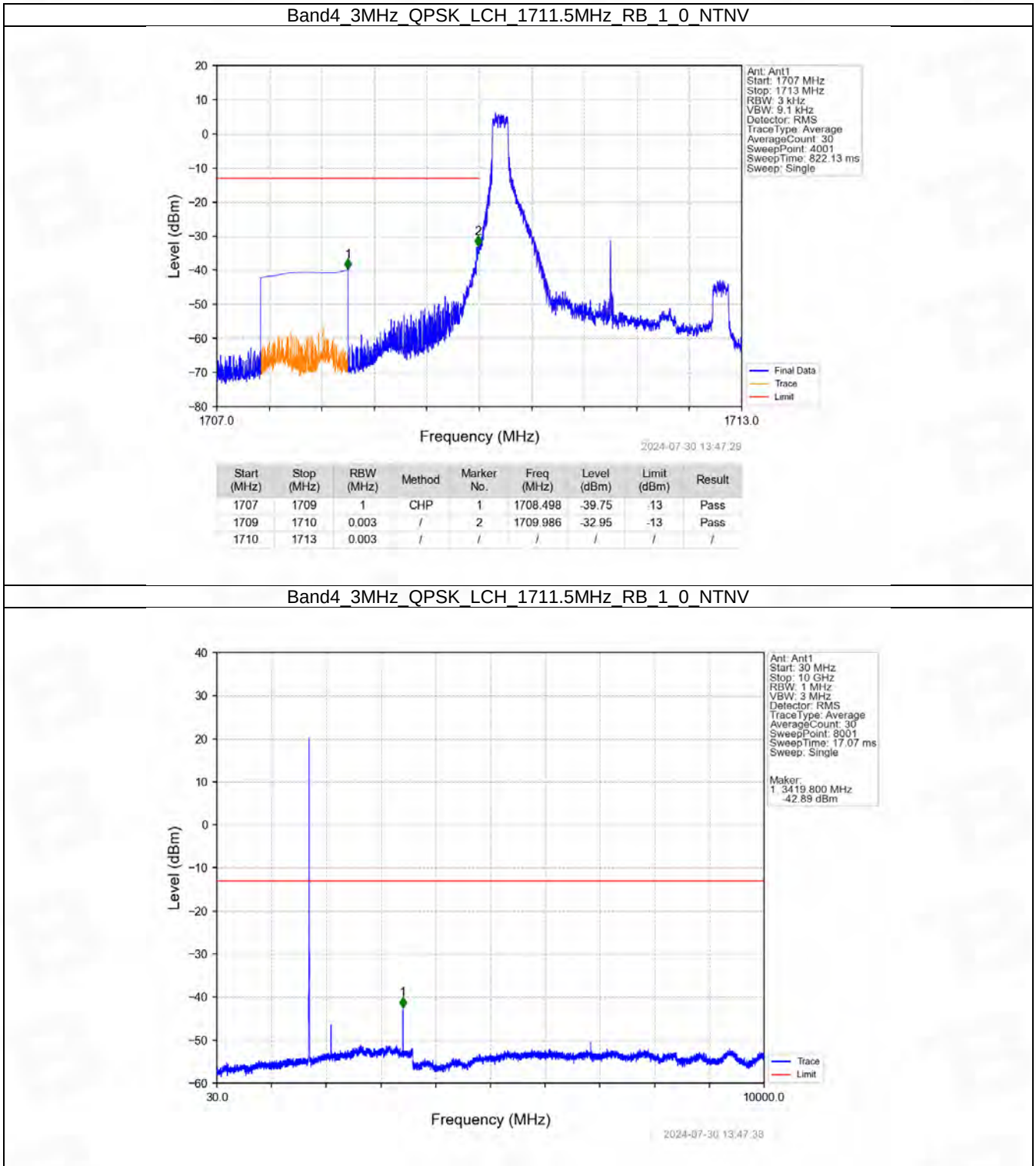
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.82	-13	Pass
1756	1756.5	1	/	2	1756.395	-59.53	-13	Pass

Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV

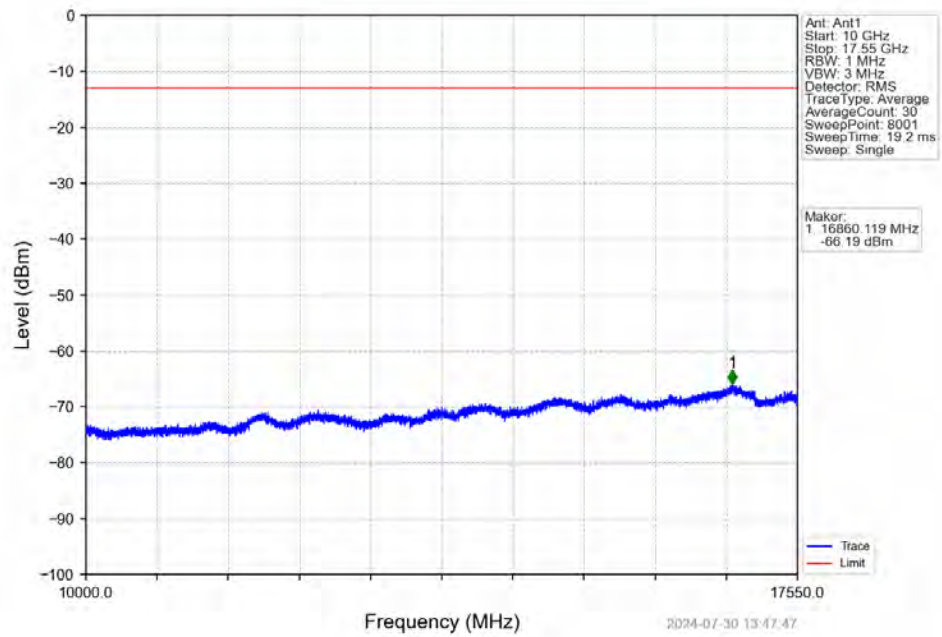


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.009	-32.33	-13	Pass
1756	1756.5	1	/	2	1756.065	-44.02	-13	Pass

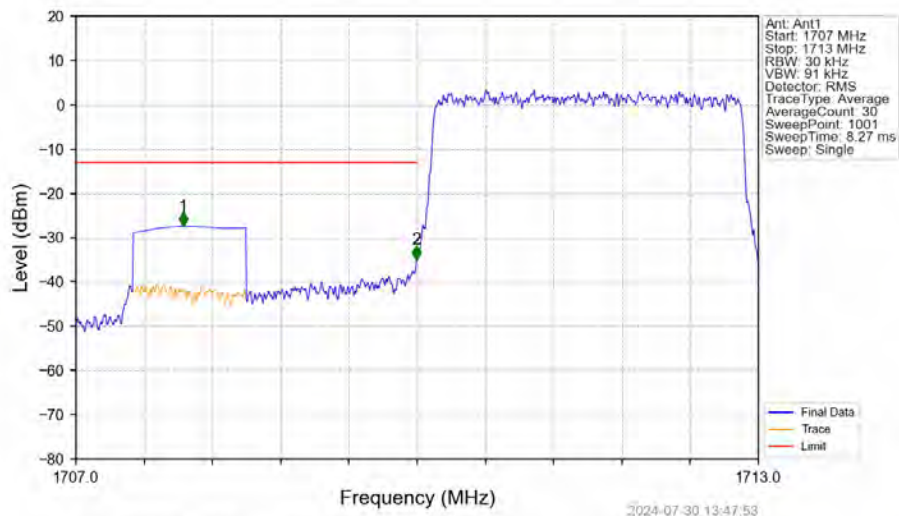
6.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

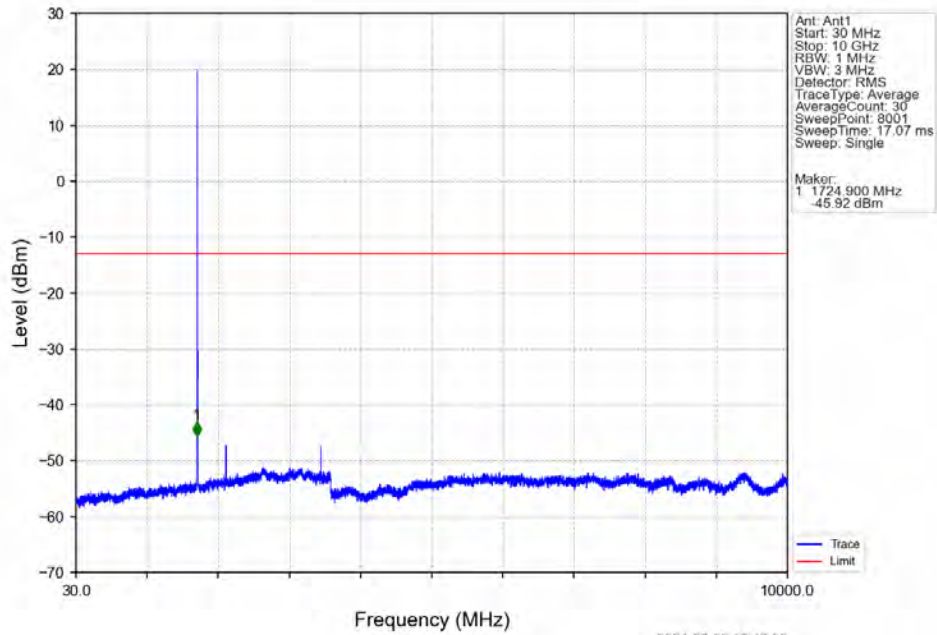


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

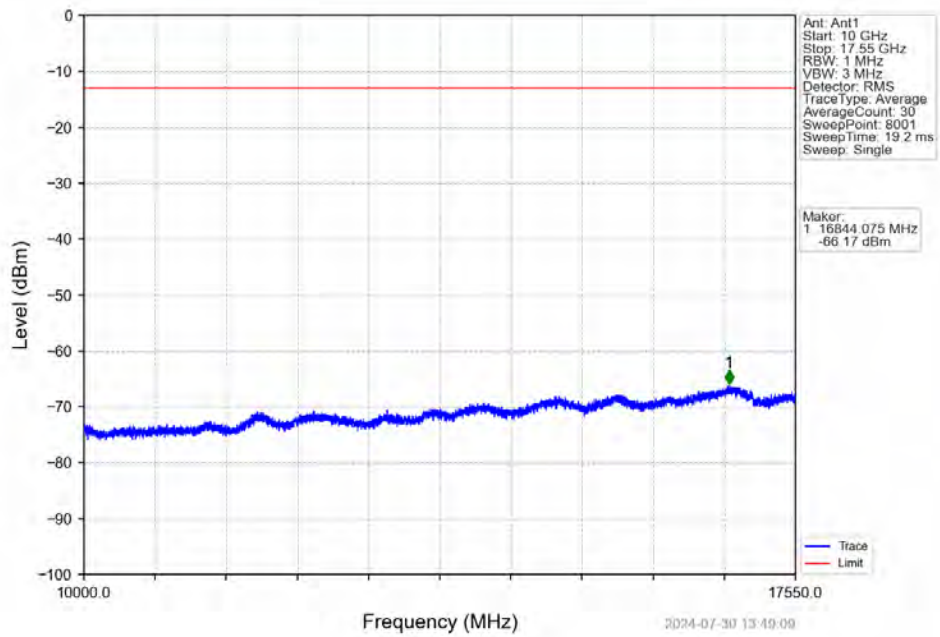


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.942	-27.37	-13	Pass
1709	1710	0.03	/	2	1709.994	-34.86	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

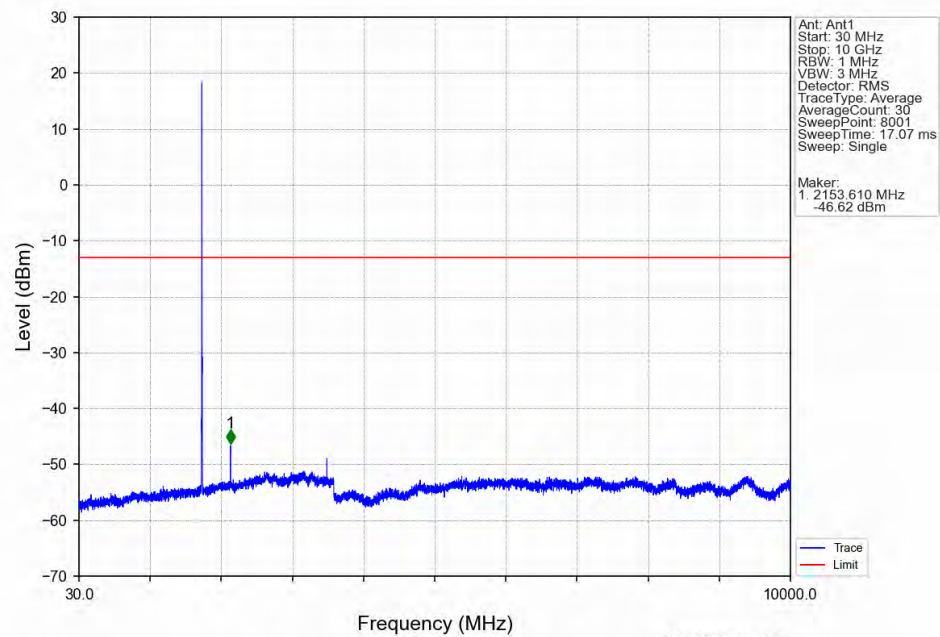
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



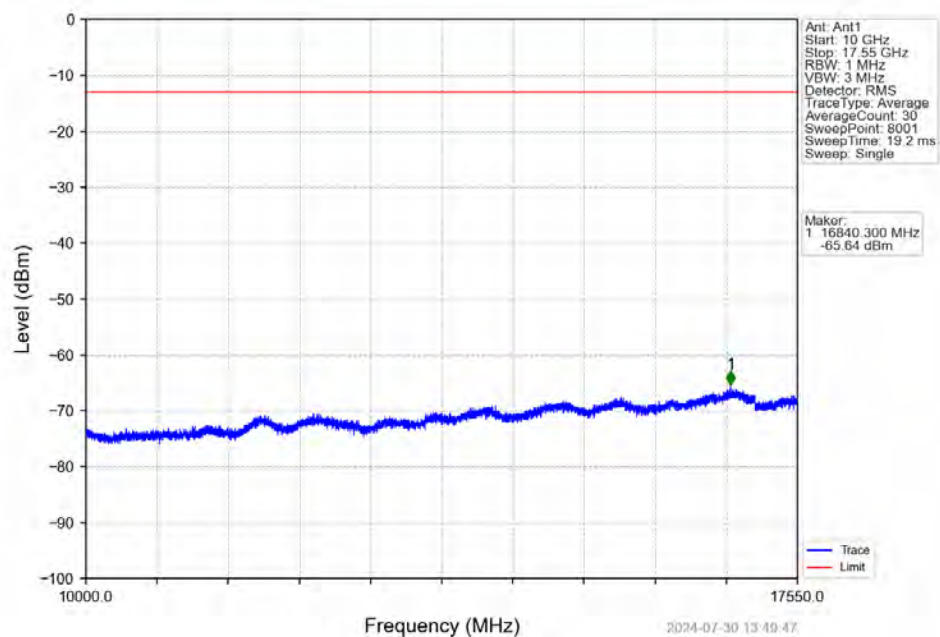
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



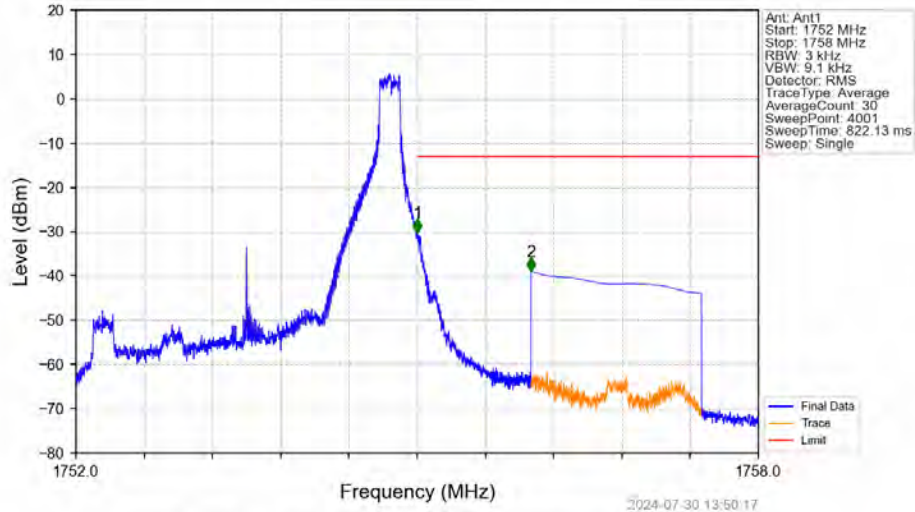
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

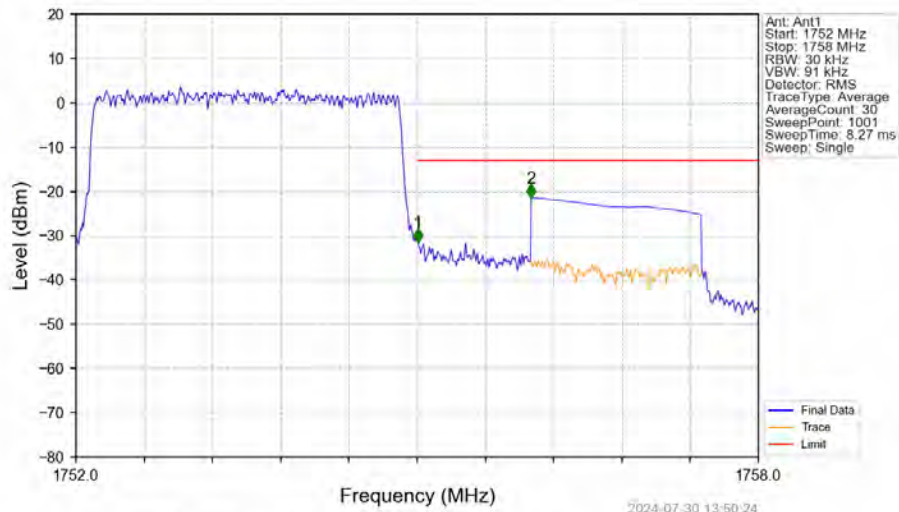


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



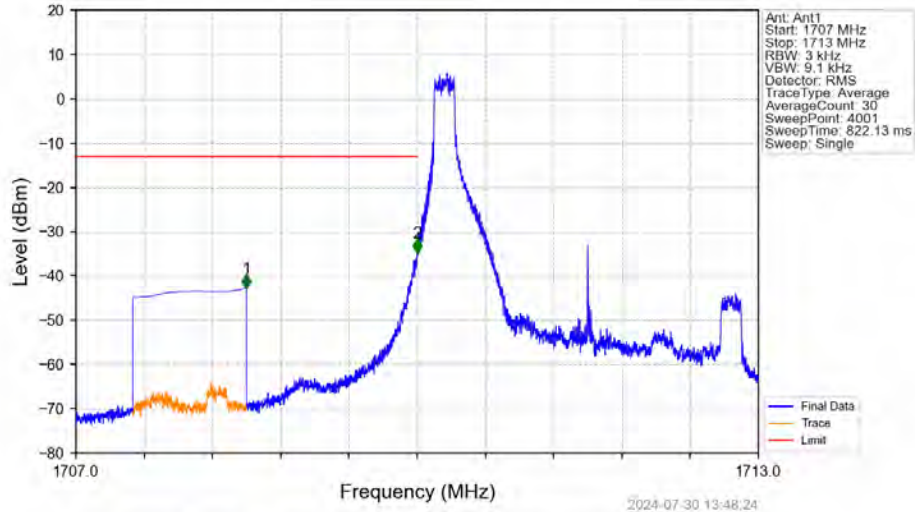
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-30.29	-13	Pass
1756	1758	1	CHP	2	1756.001	-38.93	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

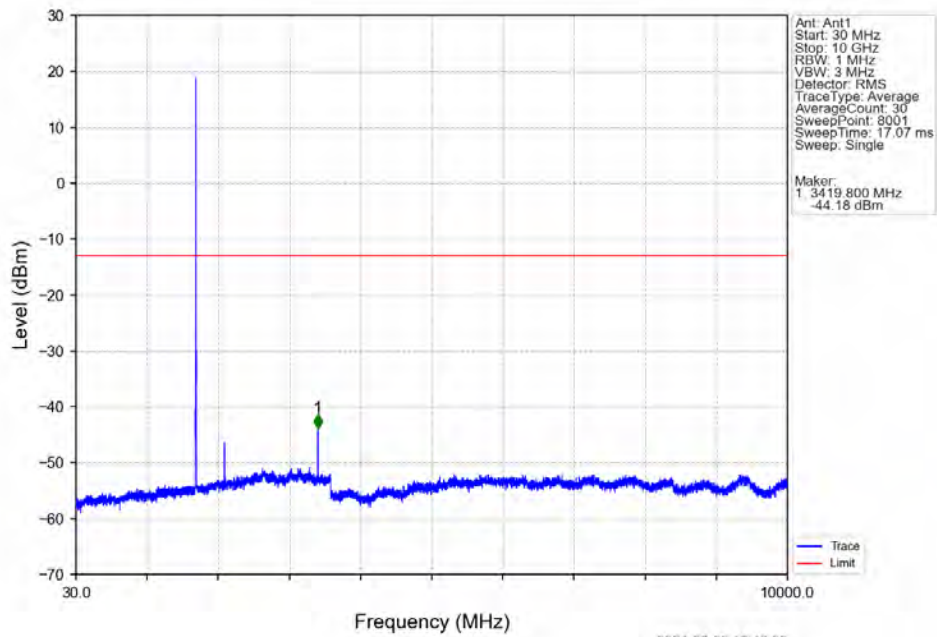


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-31.43	-13	Pass
1756	1758	1	CHP	2	1756.002	-21.42	-13	Pass

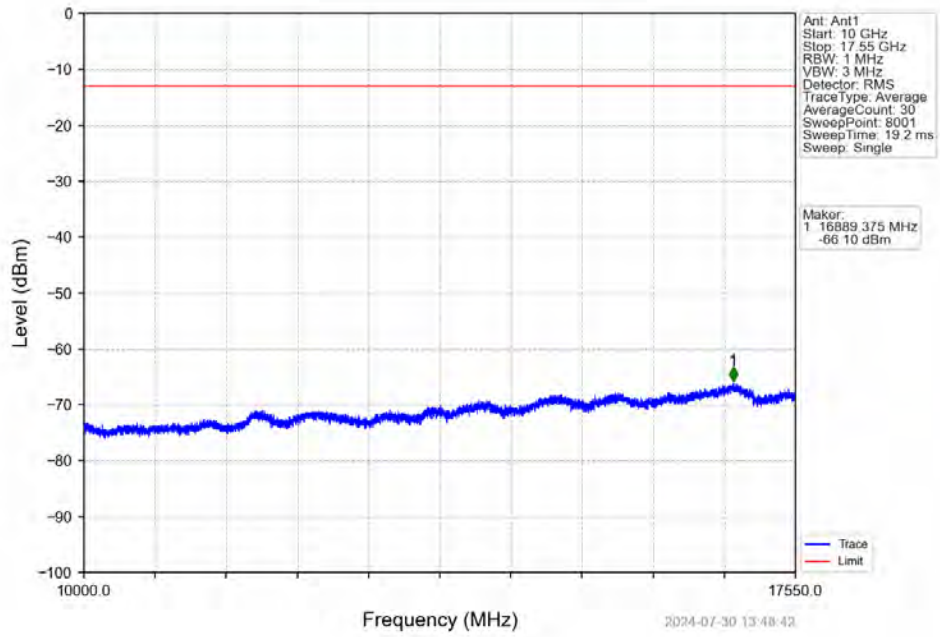
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



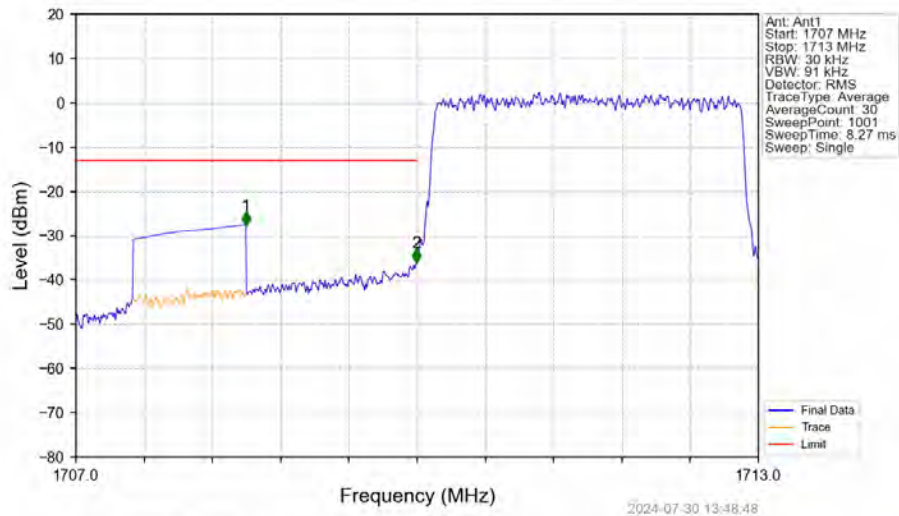
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV

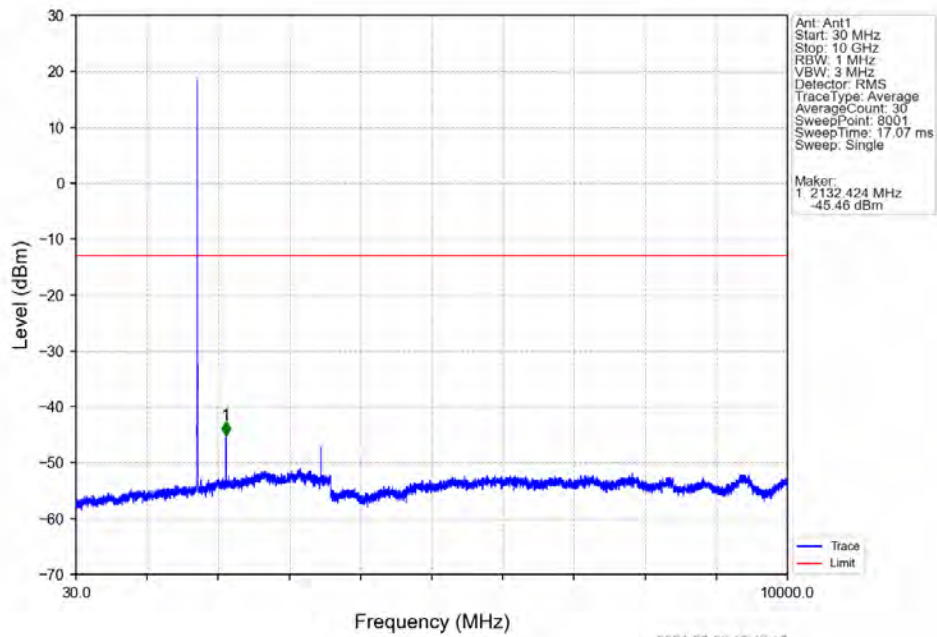


Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV

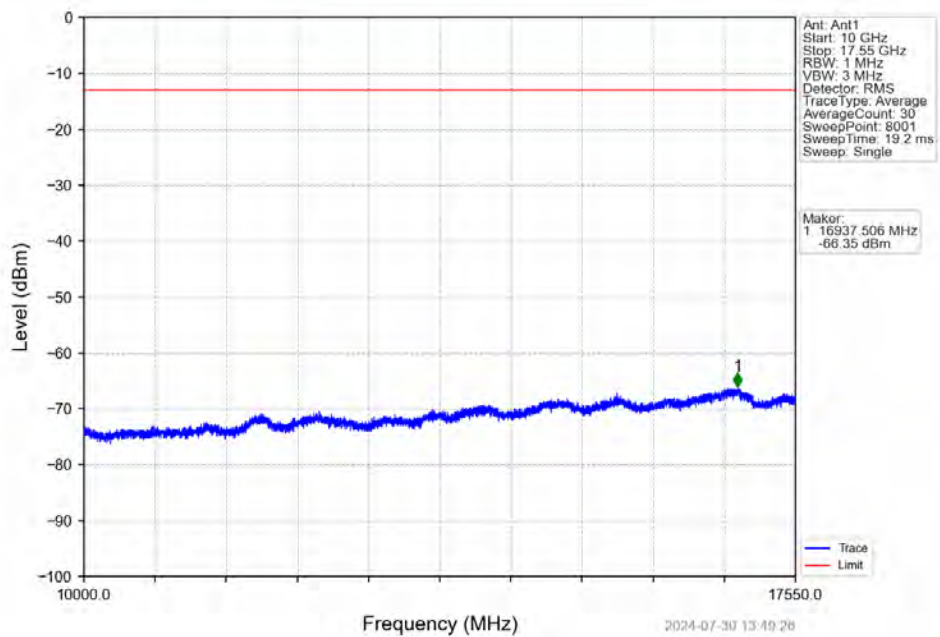


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-27.59	-13	Pass
1709	1710	0.03	/	2	1709.994	-36.10	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

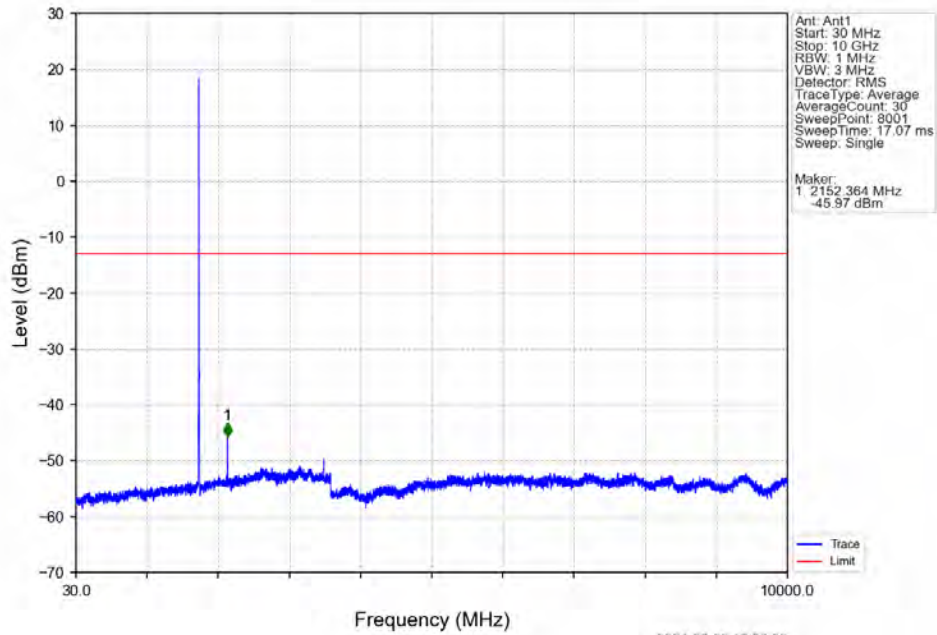
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



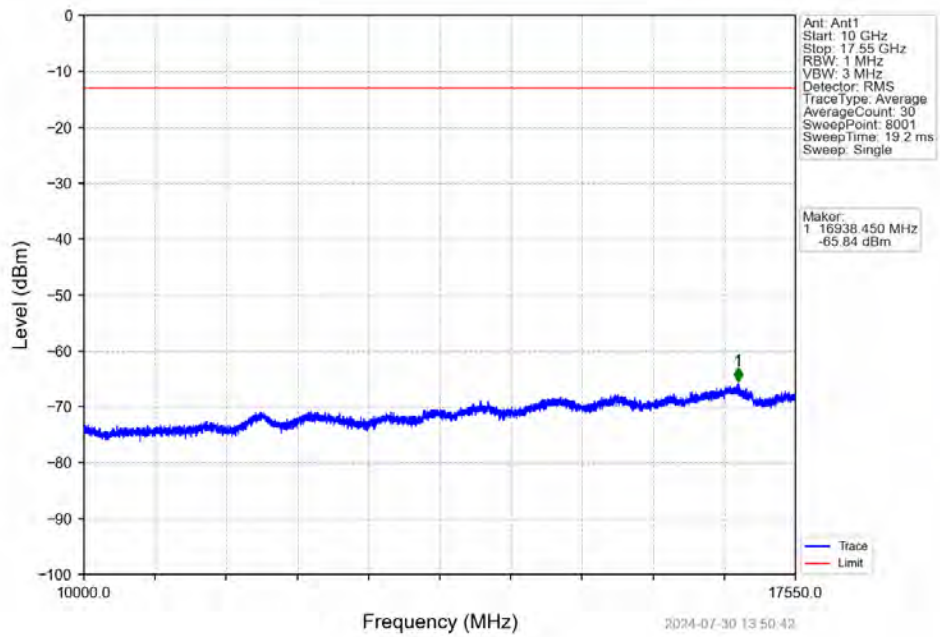
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



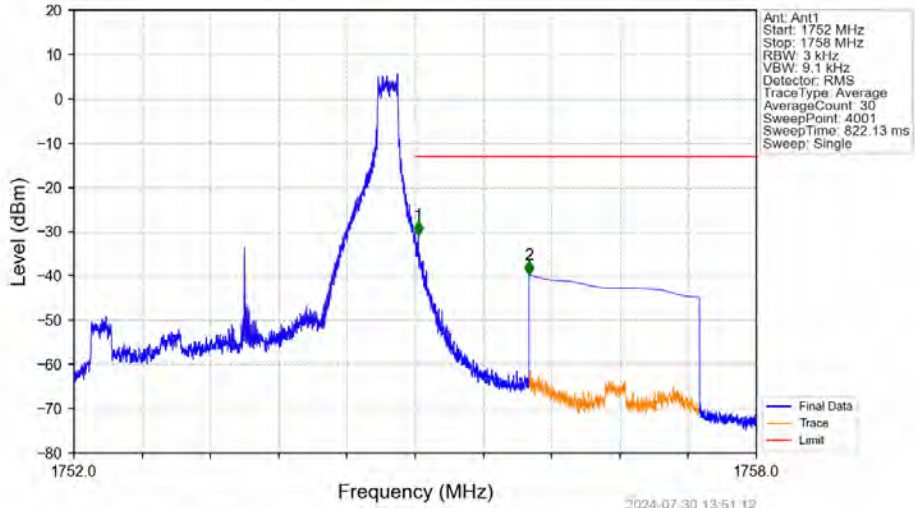
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTNV



Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTNV

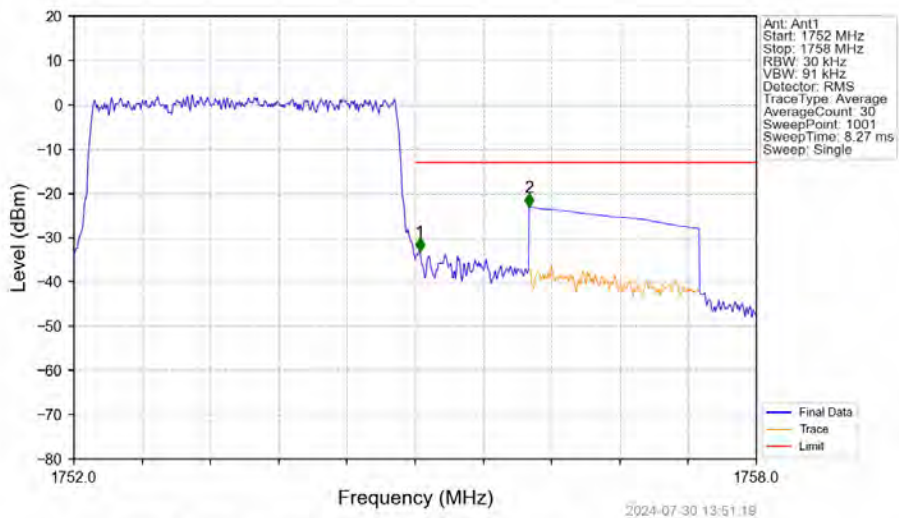


Band4 3MHz 16QAM HCH 1753.5MHz RB 1 14 NTNV



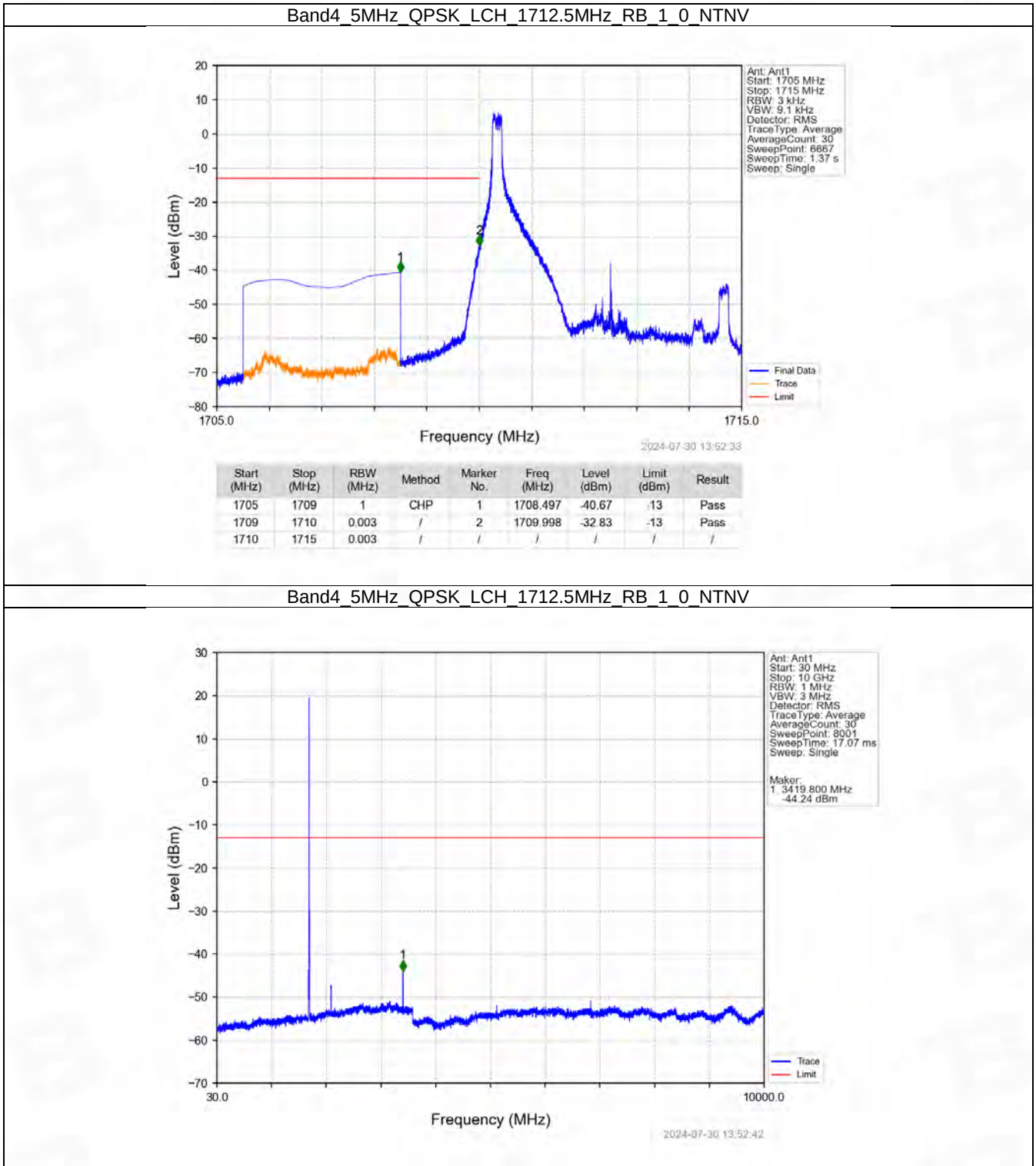
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.027	-30.77	-13	Pass
1756	1758	1	CHP	2	1756.001	-39.71	-13	Pass

Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV

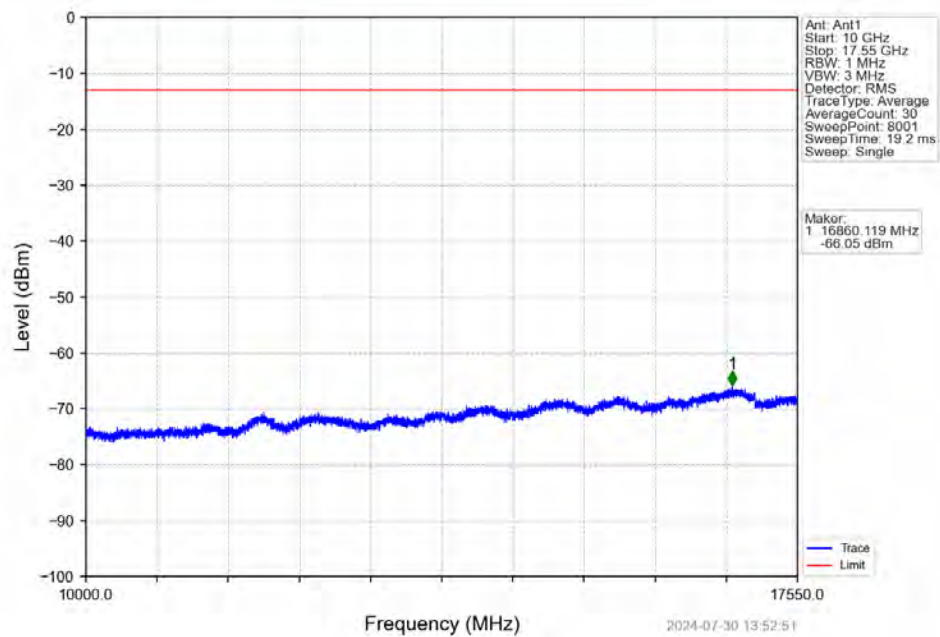


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.042	-33.21	-13	Pass
1756	1758	1	CHP	2	1756.002	-23.10	-13	Pass

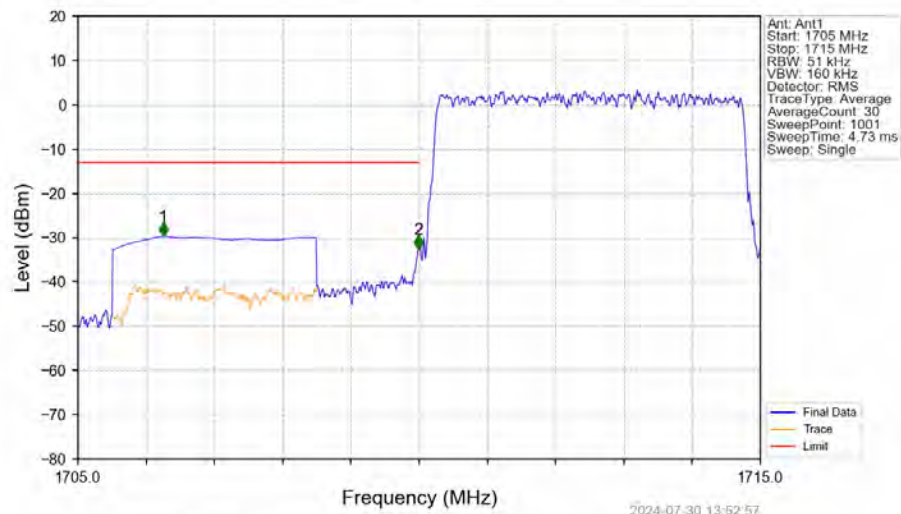
6.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

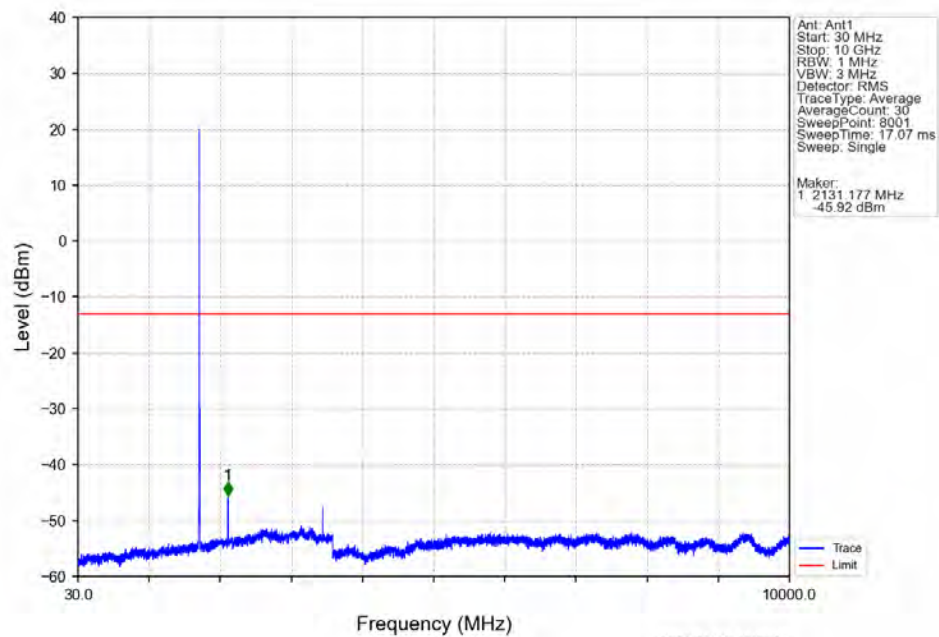


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

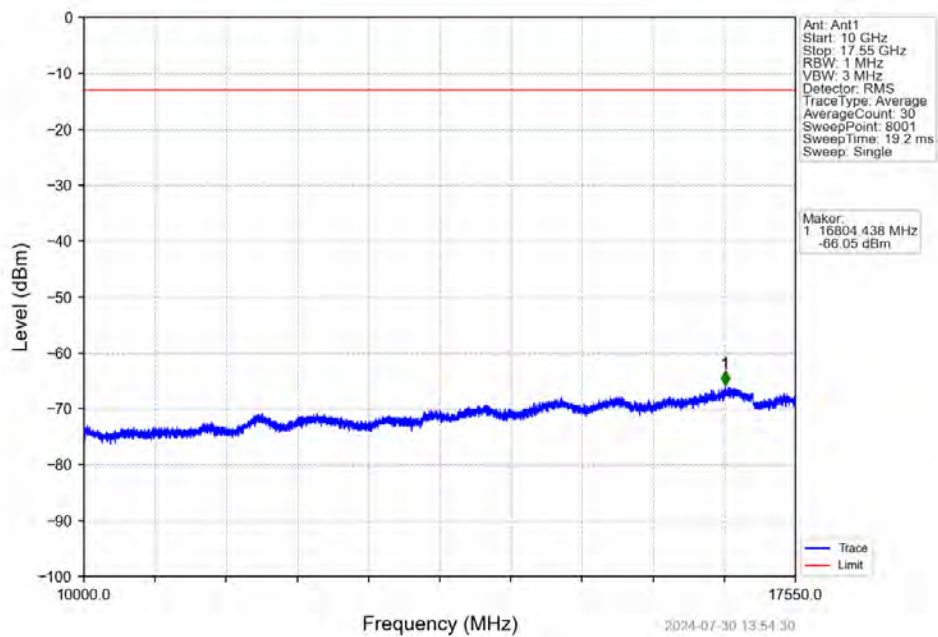


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.250	-29.68	-13	Pass
1709	1710	0.051	/	2	1709.990	-32.65	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

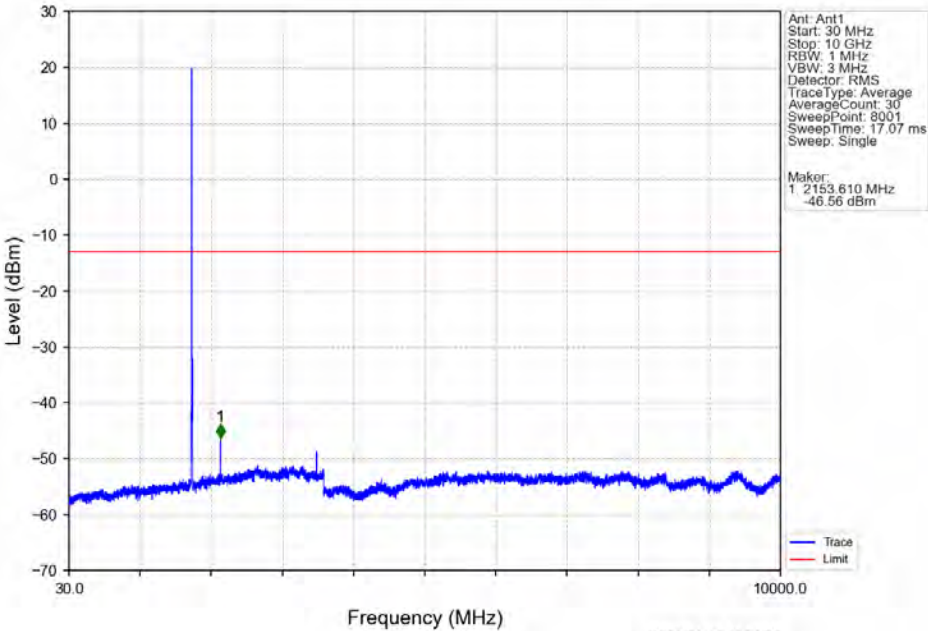
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



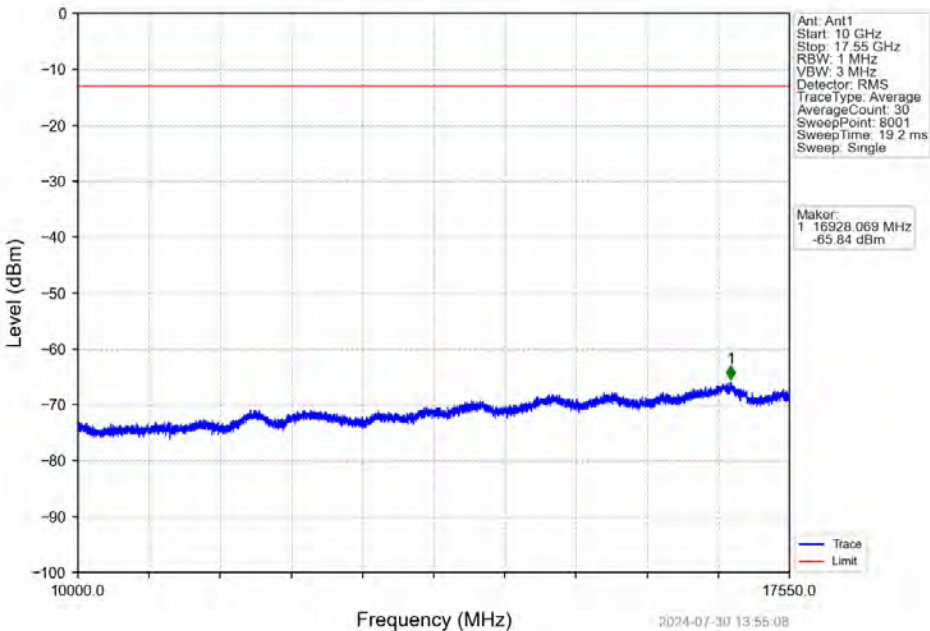
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



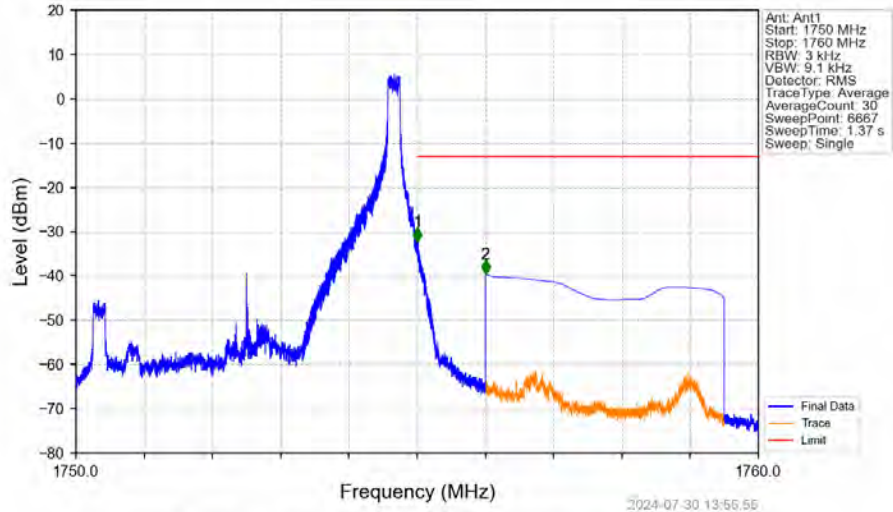
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

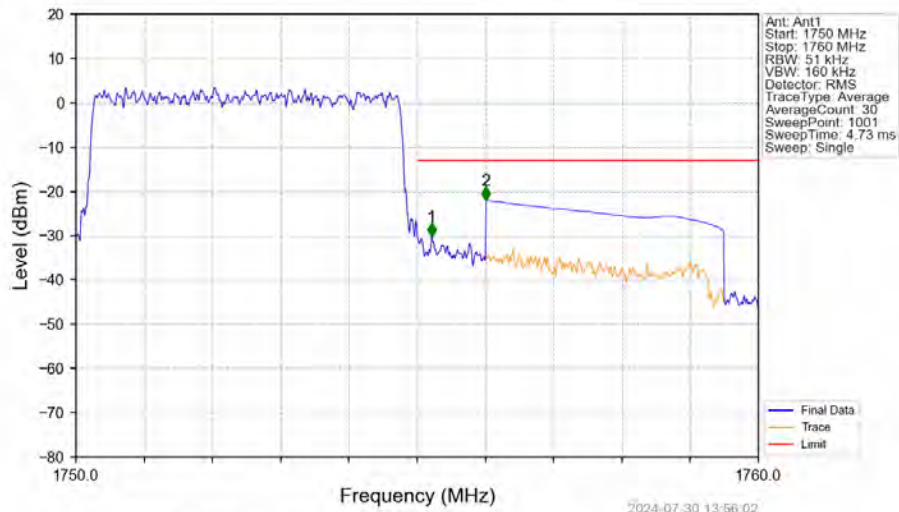


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



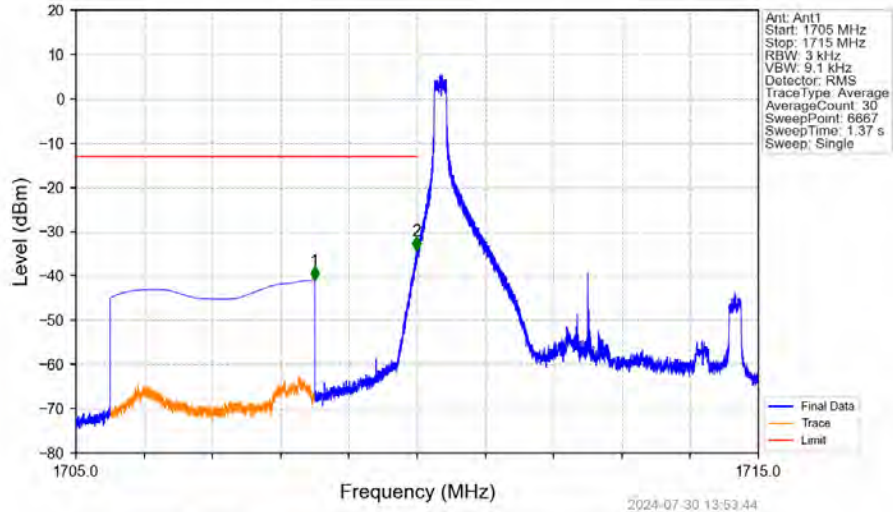
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.30	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.51	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

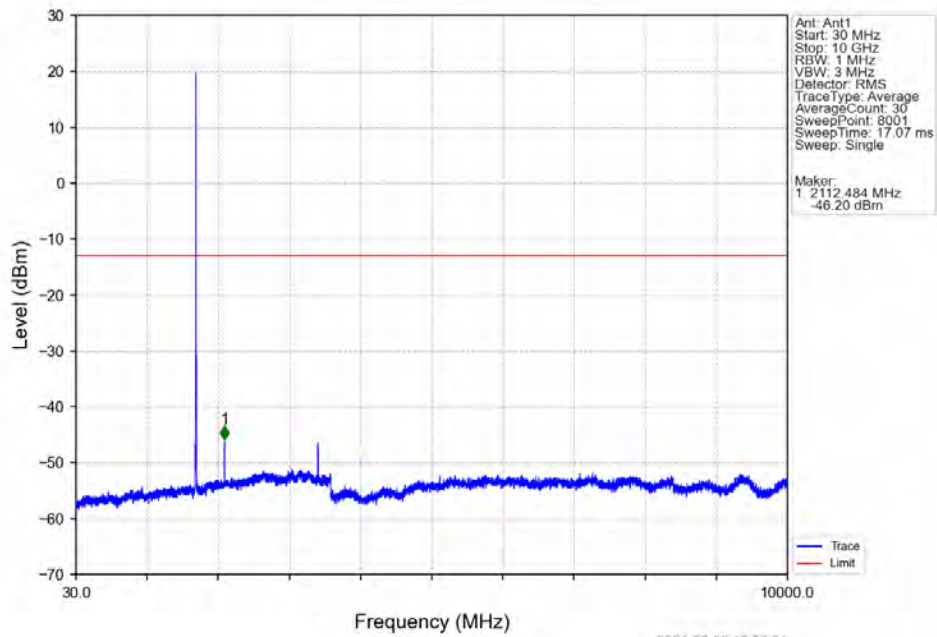


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.210	-30.29	-13	Pass
1756	1760	1	CHP	2	1756.010	-22.08	-13	Pass

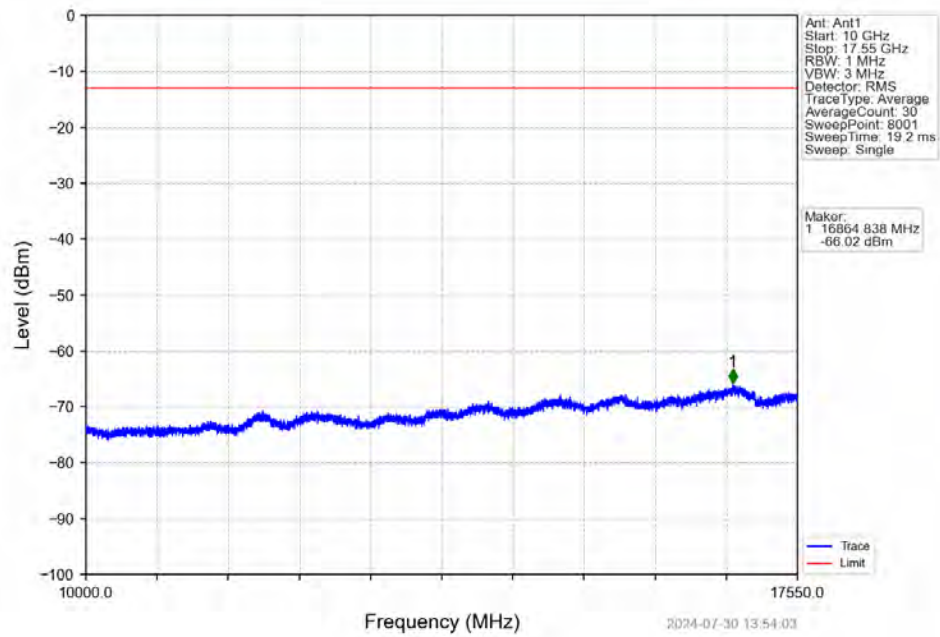
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



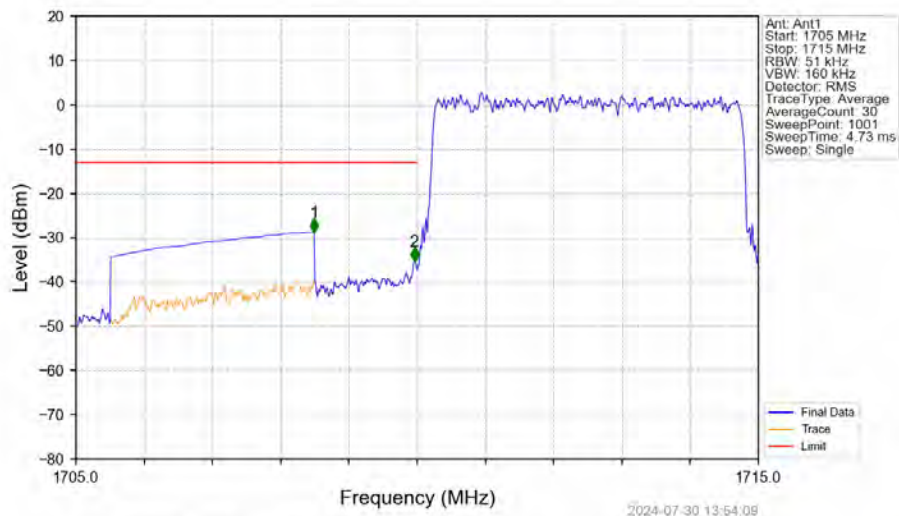
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV

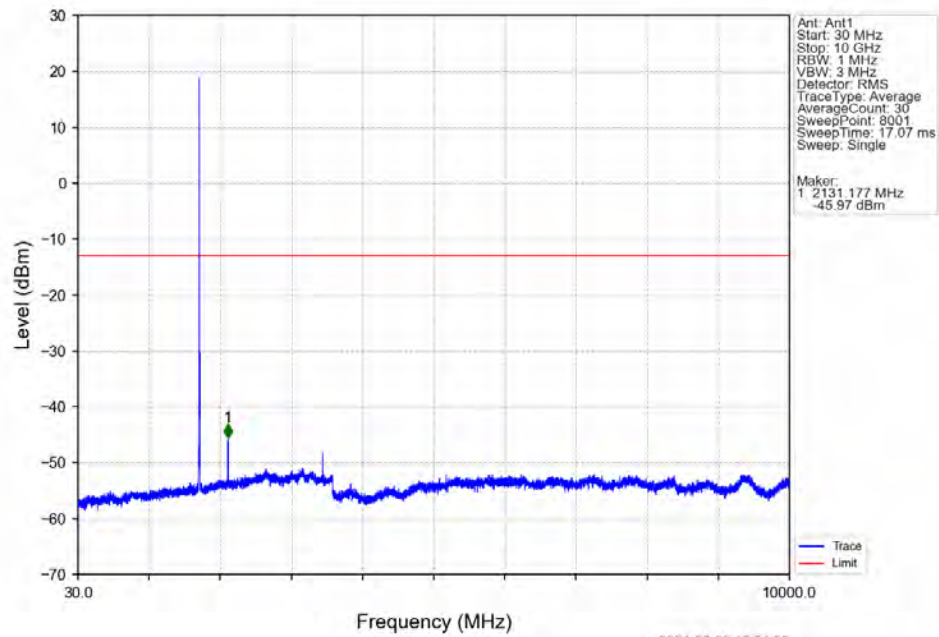


Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV

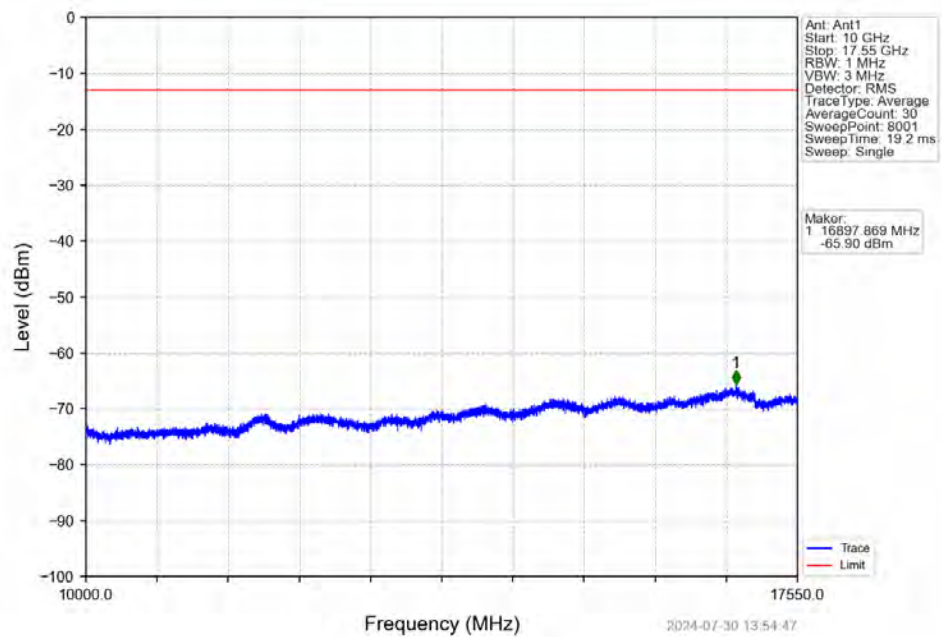


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-28.71	-13	Pass
1709	1710	0.051	/	2	1709.960	-35.40	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

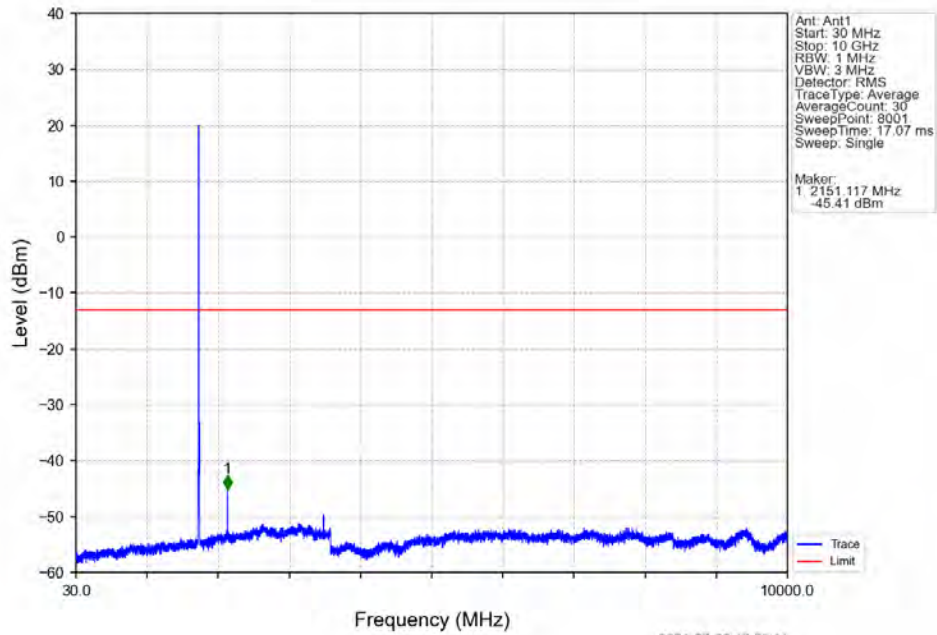
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



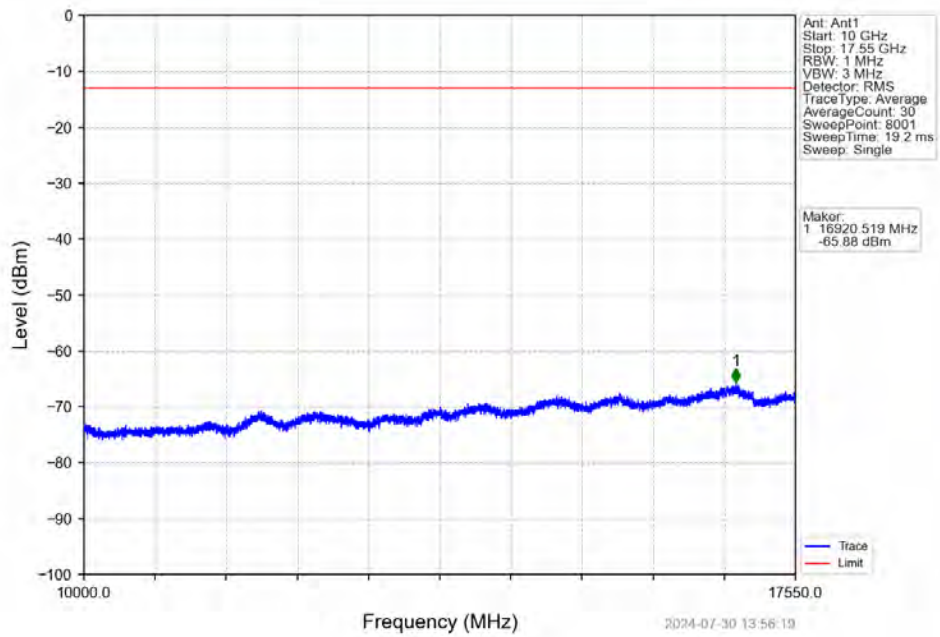
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



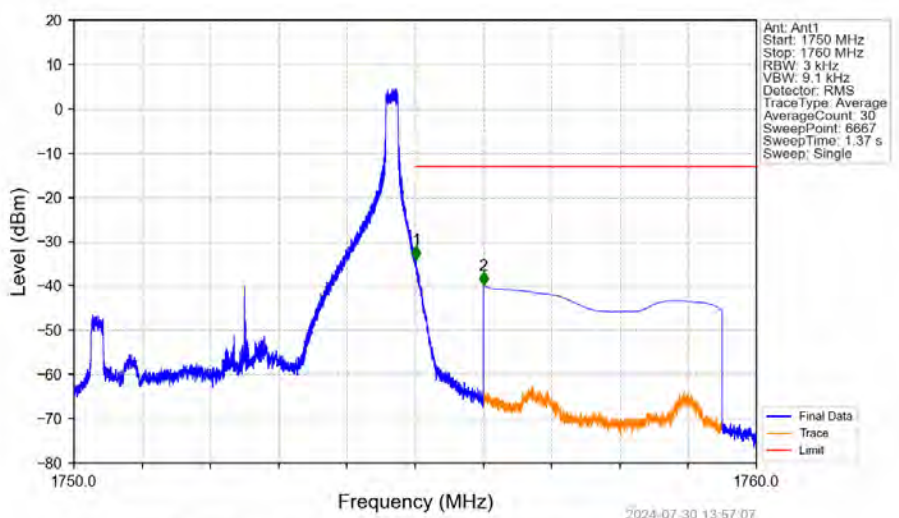
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV

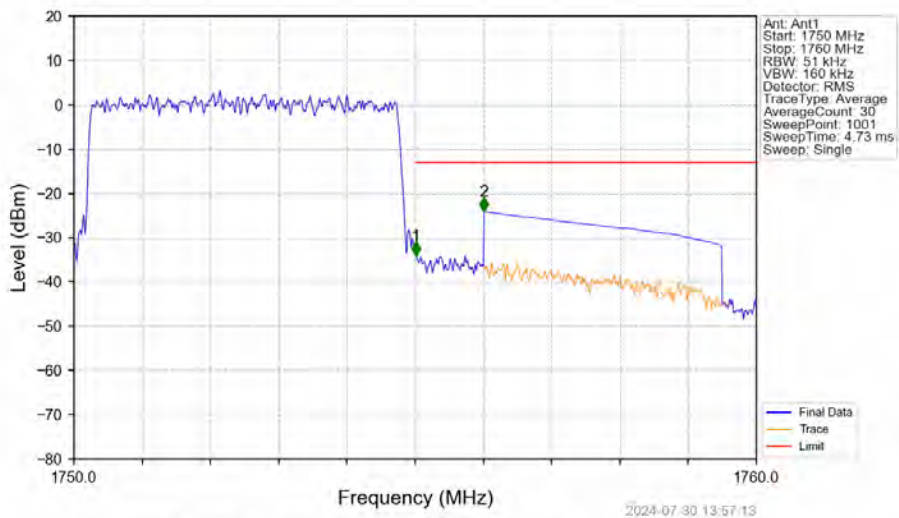


Band4 5MHz 16QAM HCH 1752.5MHz RB 1 24 NTNV



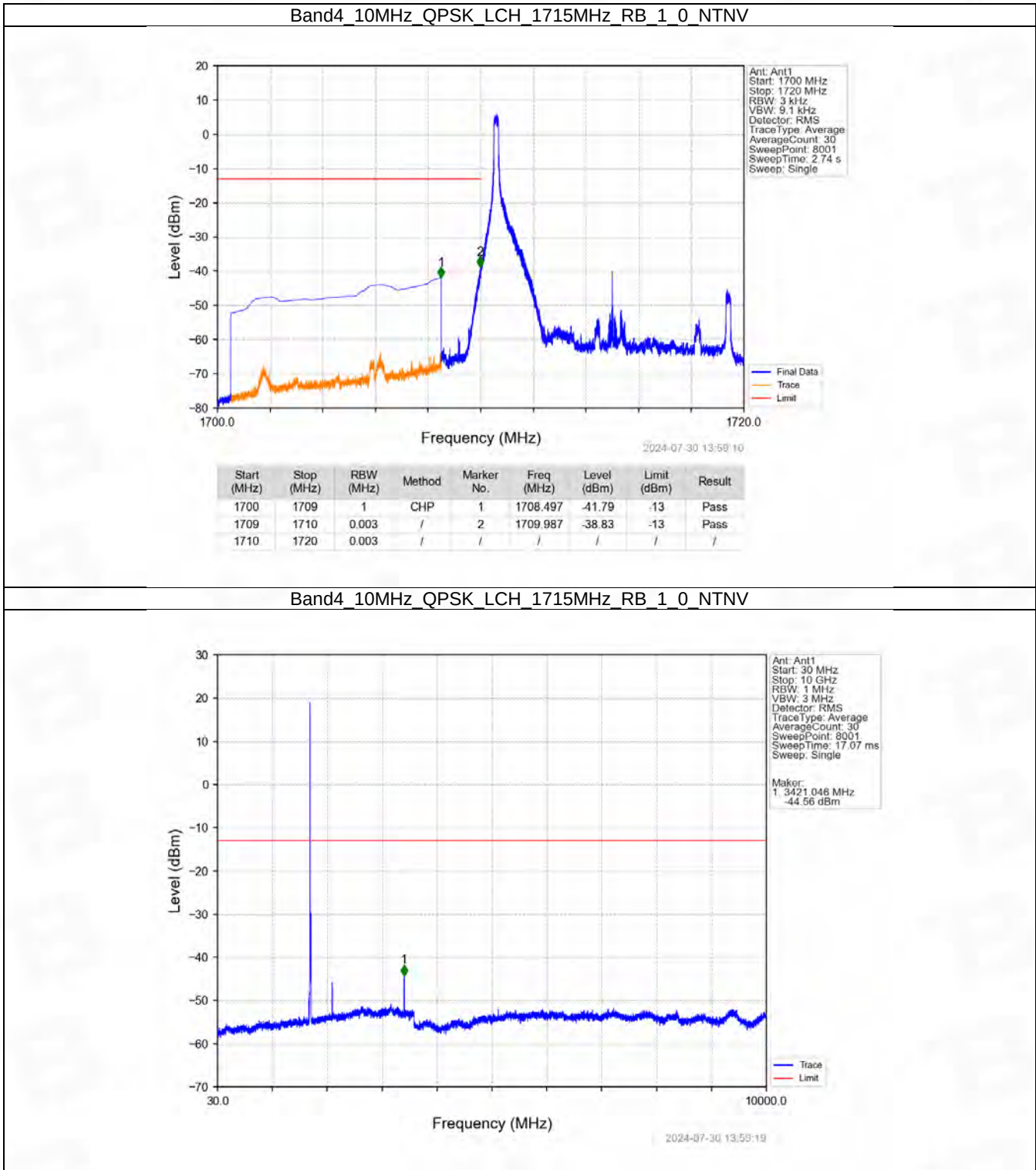
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.017	-33.99	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.89	-13	Pass

Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV

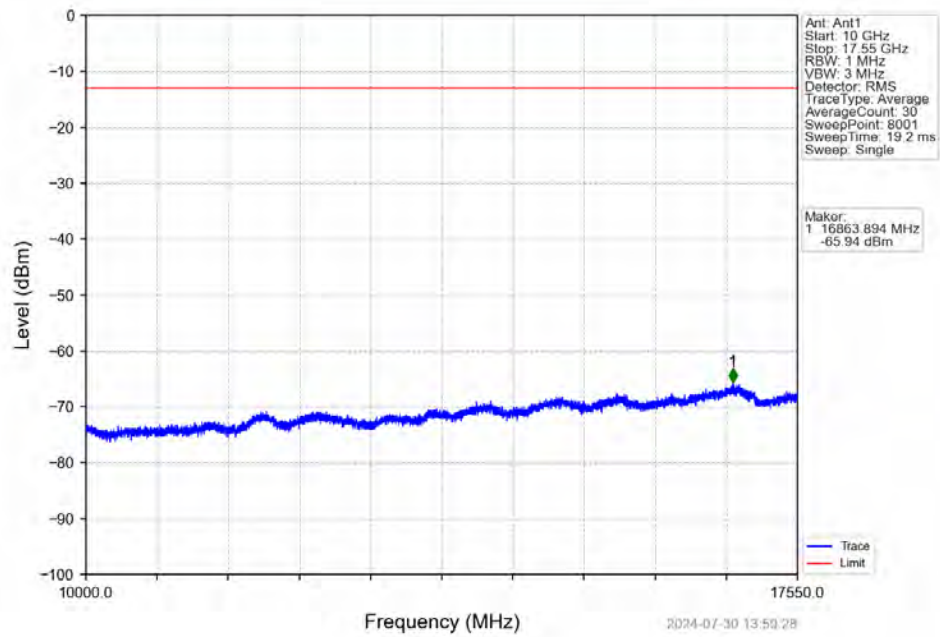


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.010	-33.97	-13	Pass
1756	1760	1	CHP	2	1756.010	-24.11	-13	Pass

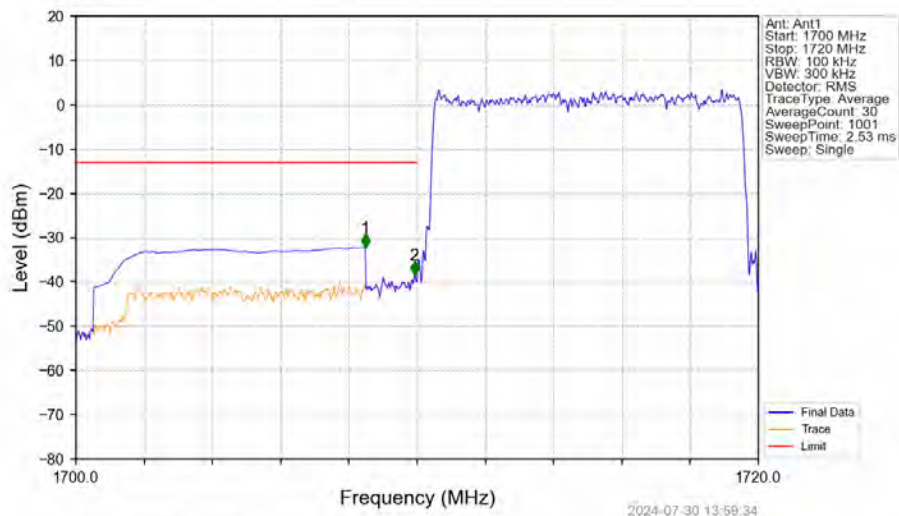
6.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN

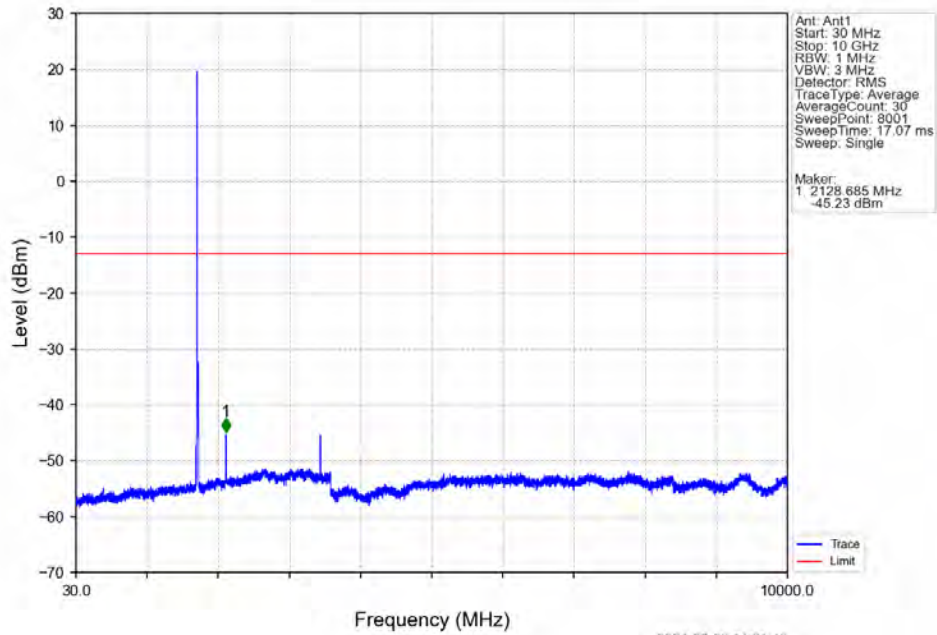


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN

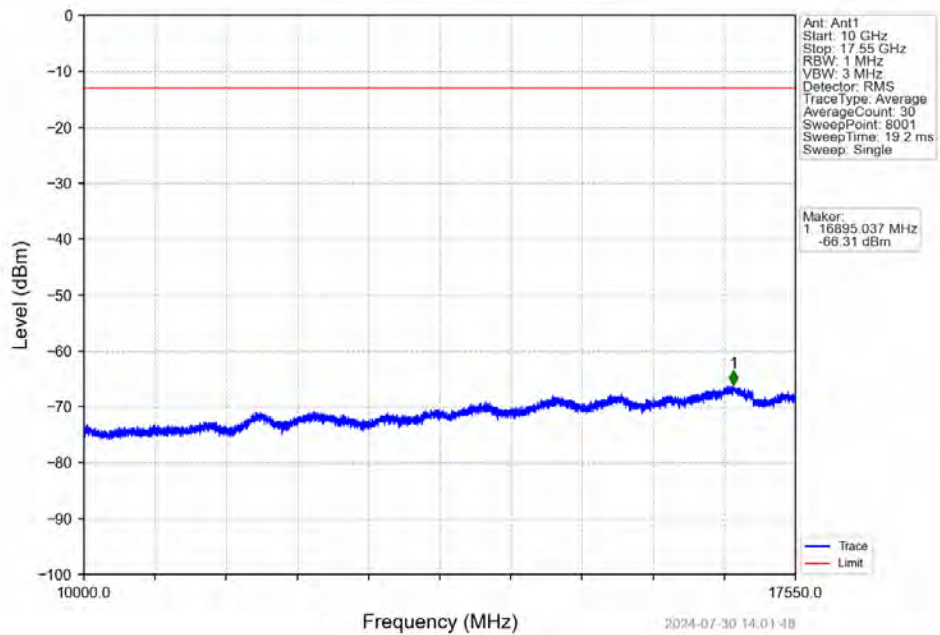


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-32.16	-13	Pass
1709	1710	0.1	/	2	1709.920	-38.40	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

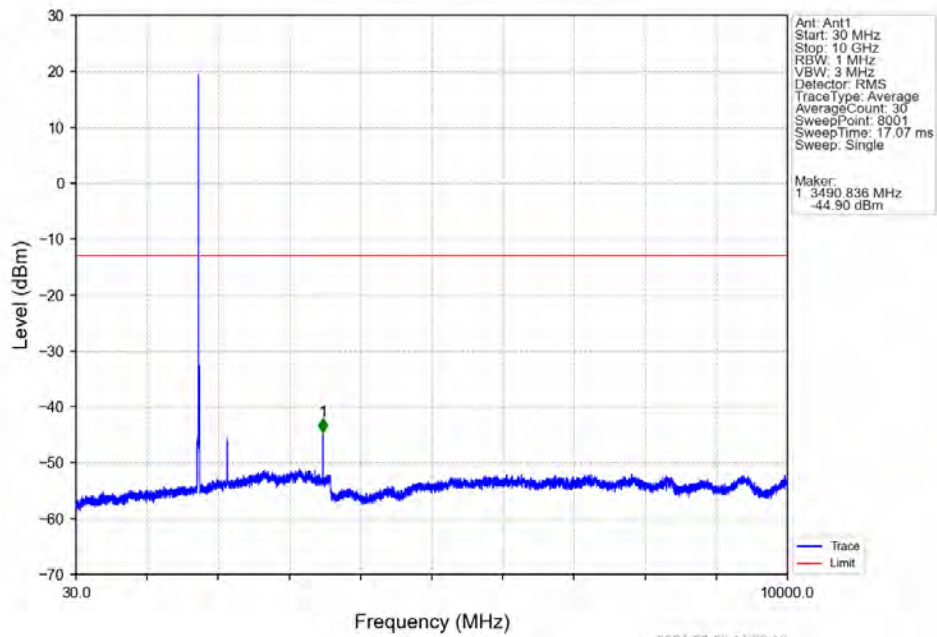
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



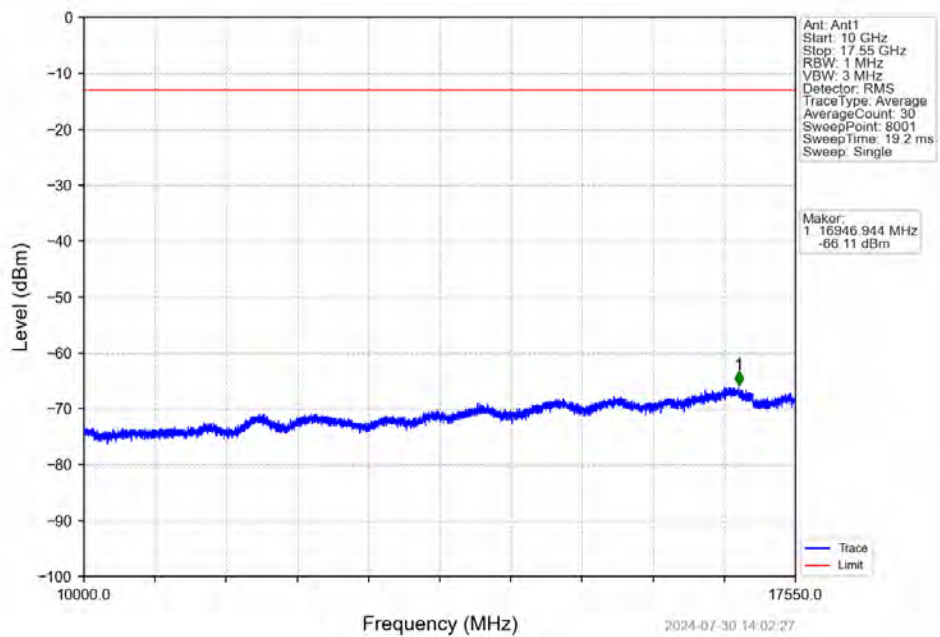
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



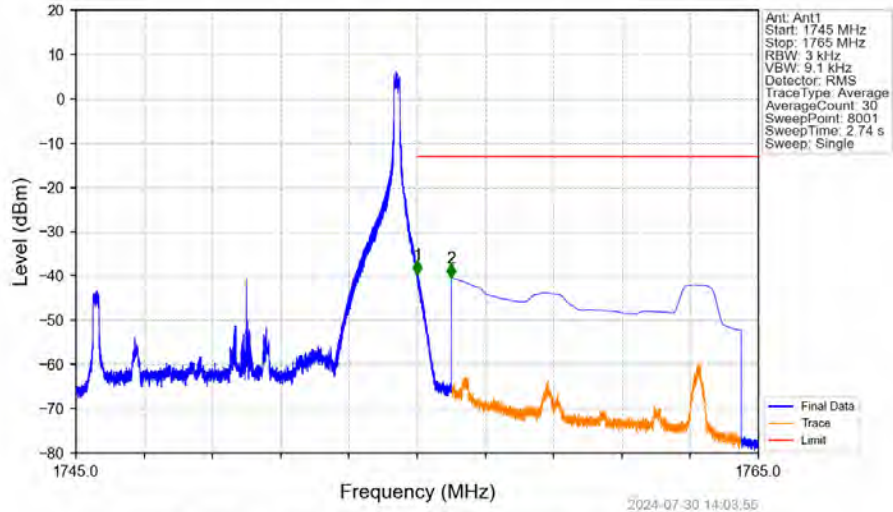
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN

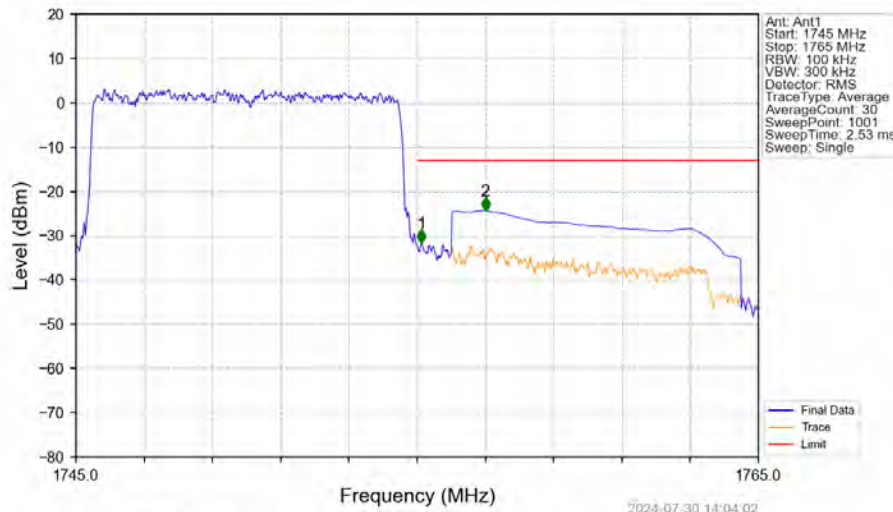


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



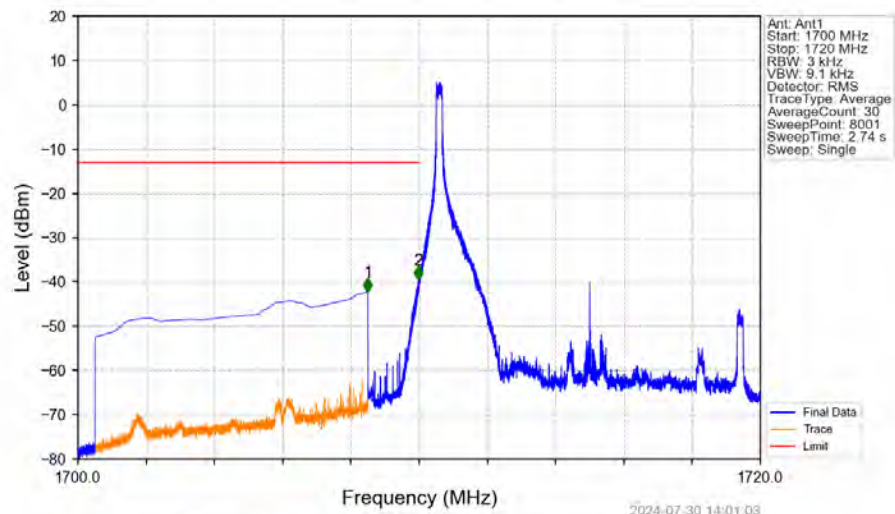
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.010	-39.61	-13	Pass
1756	1765	1	CHP	2	1756.003	-40.39	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

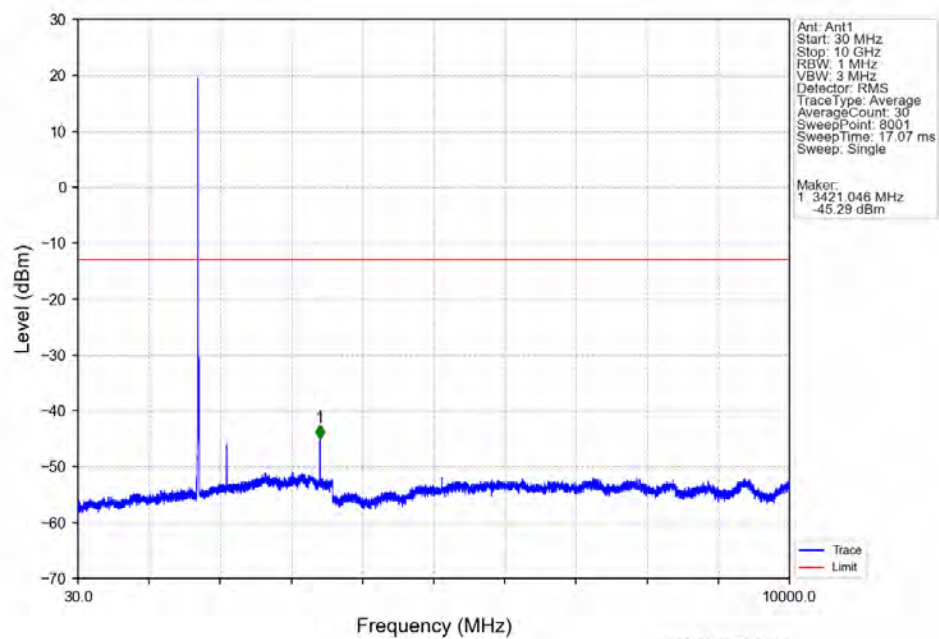


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.120	-31.61	-13	Pass
1756	1765	1	CHP	2	1757.000	-24.32	-13	Pass

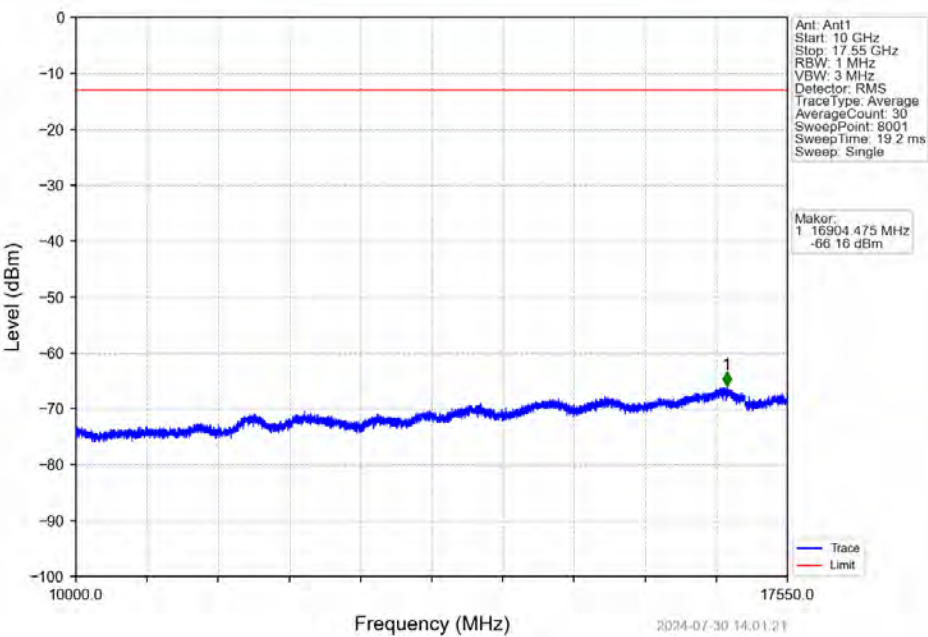
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



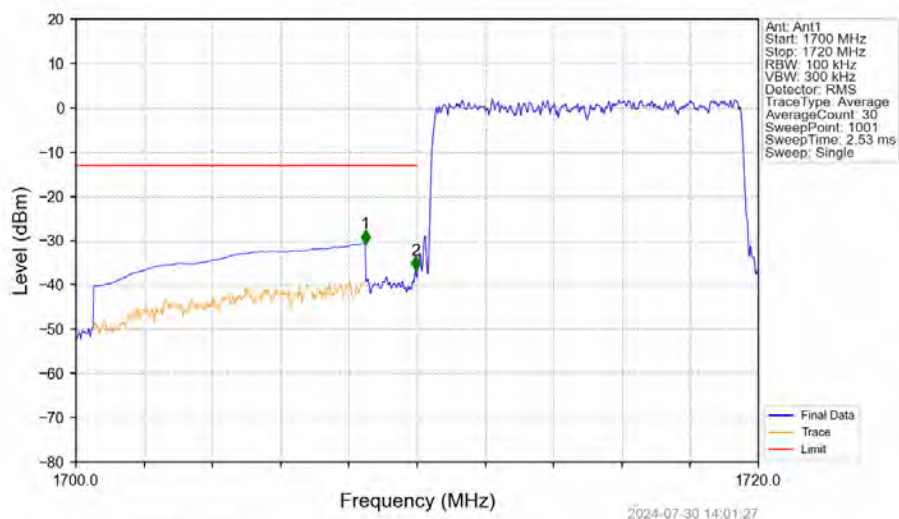
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

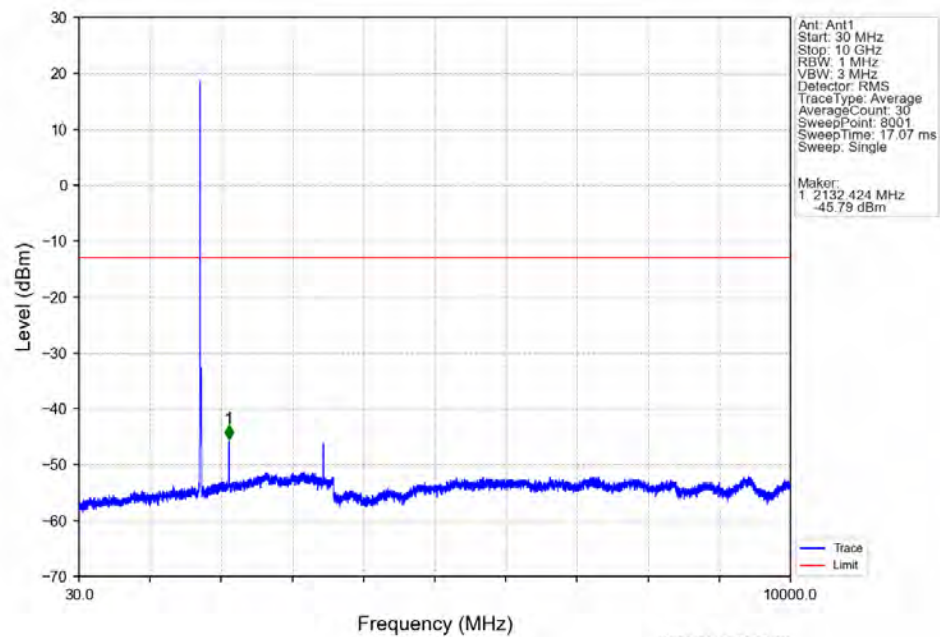


Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV

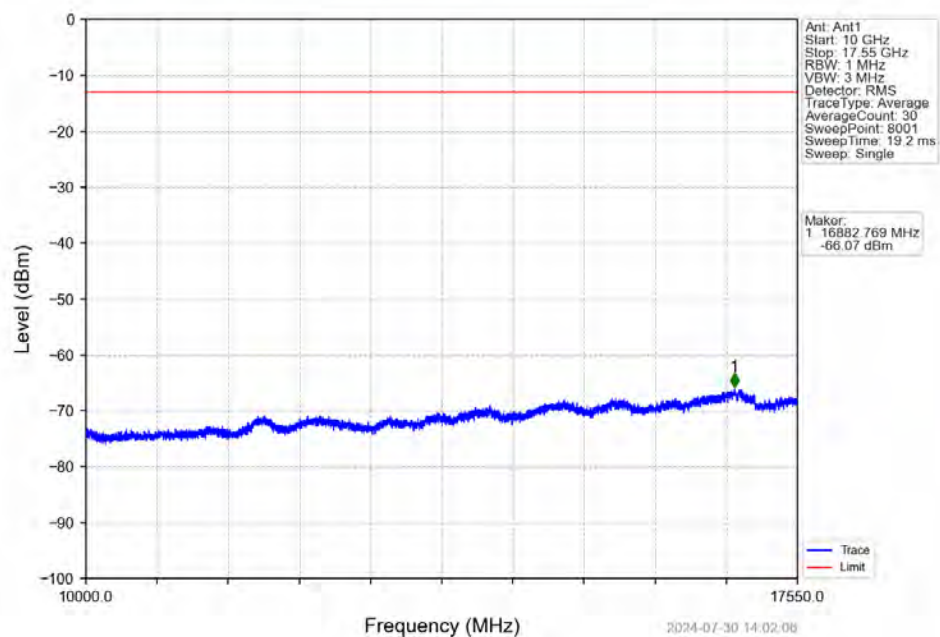


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-30.67	-13	Pass
1709	1710	0.1	/	2	1709.960	-36.54	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

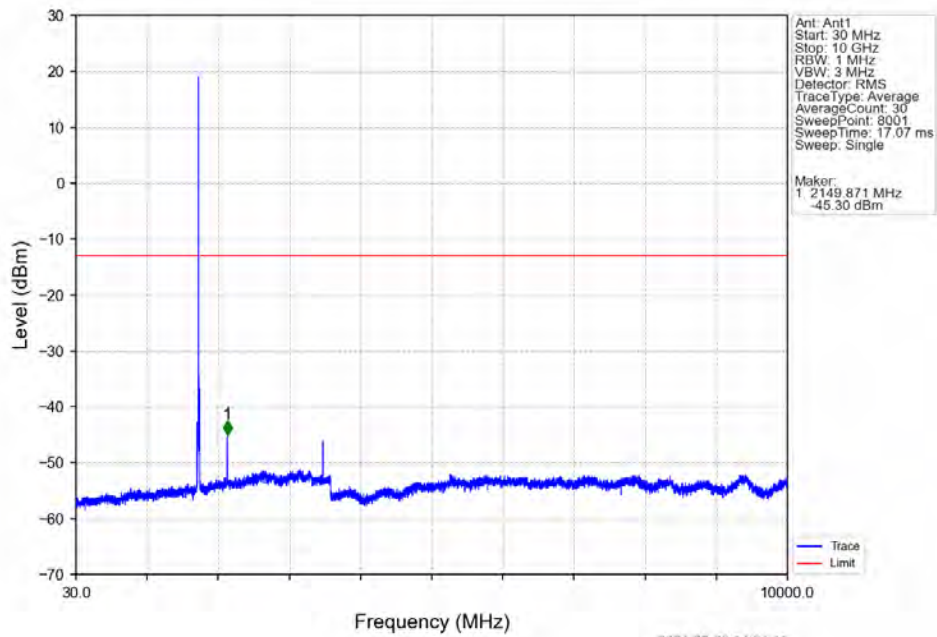
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



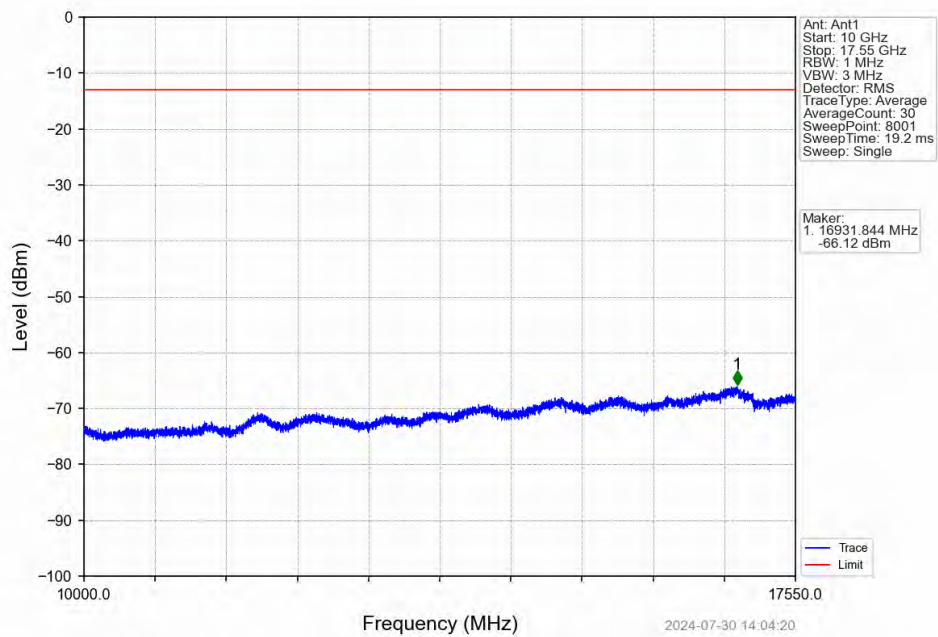
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



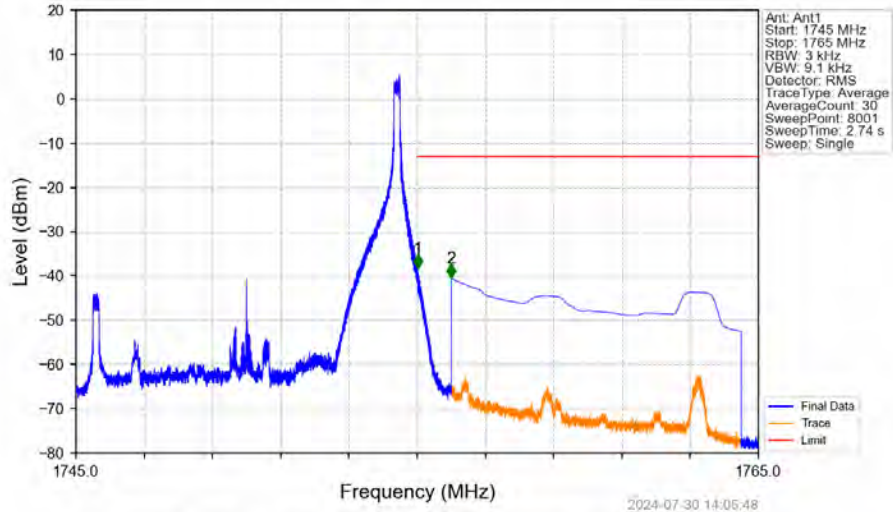
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



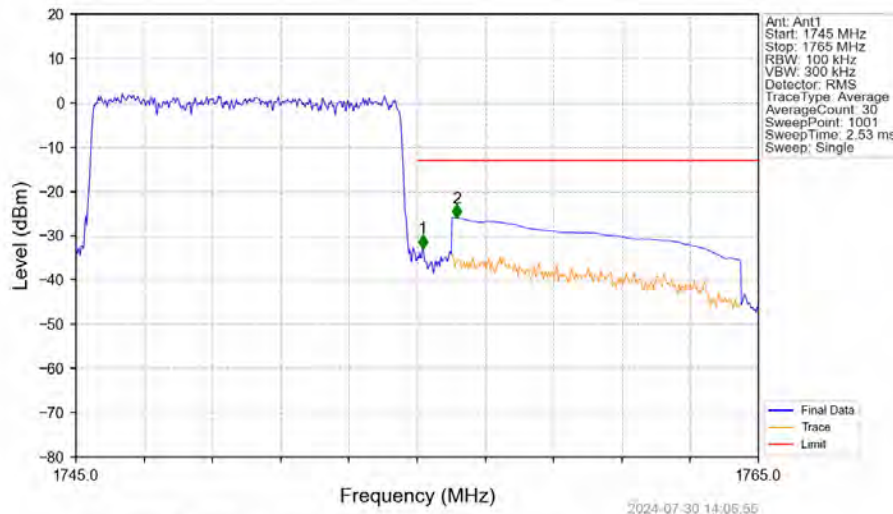
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



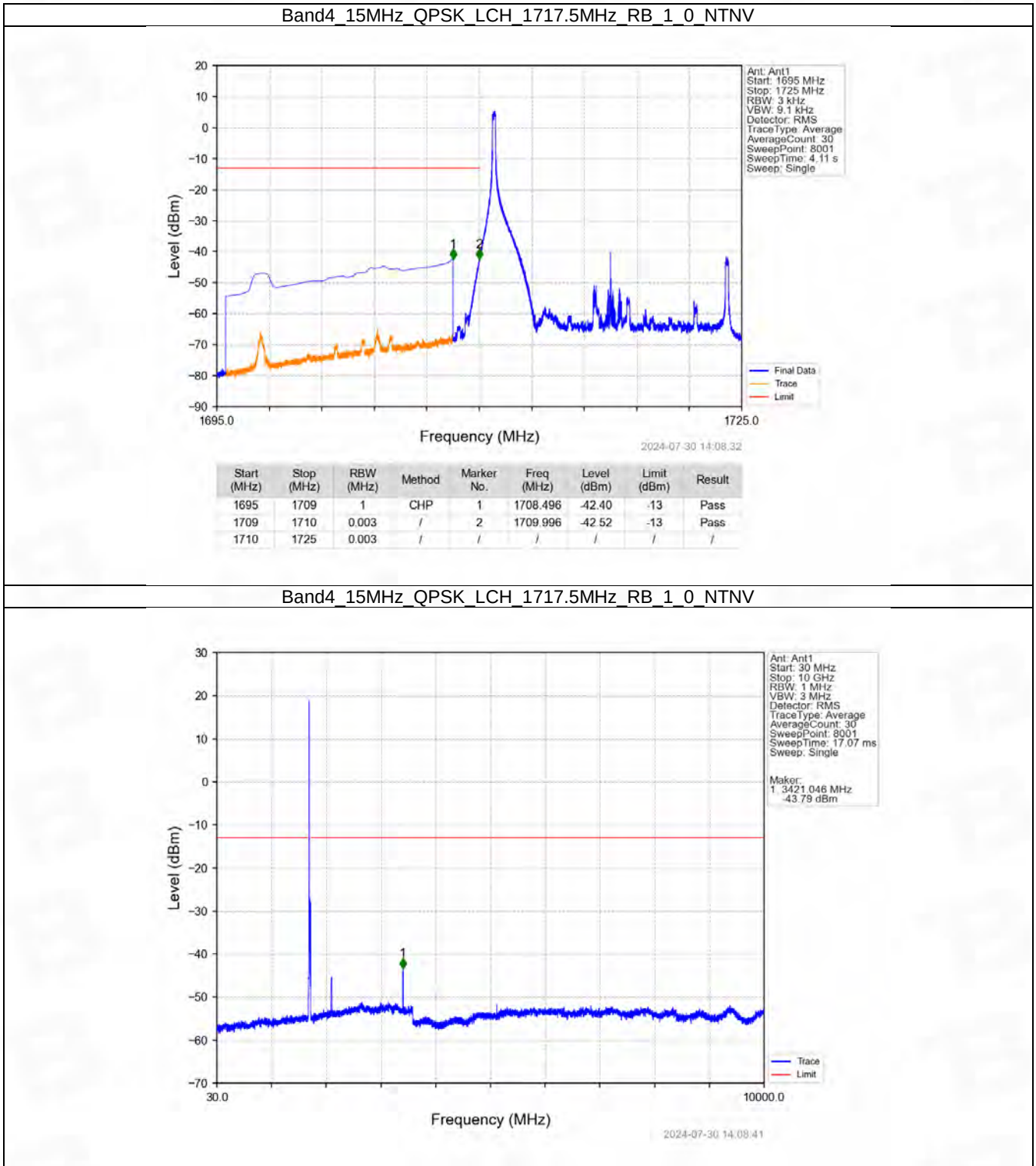
Band4 10MHz 16QAM HCH 1750MHz RB 1 49 NTNV



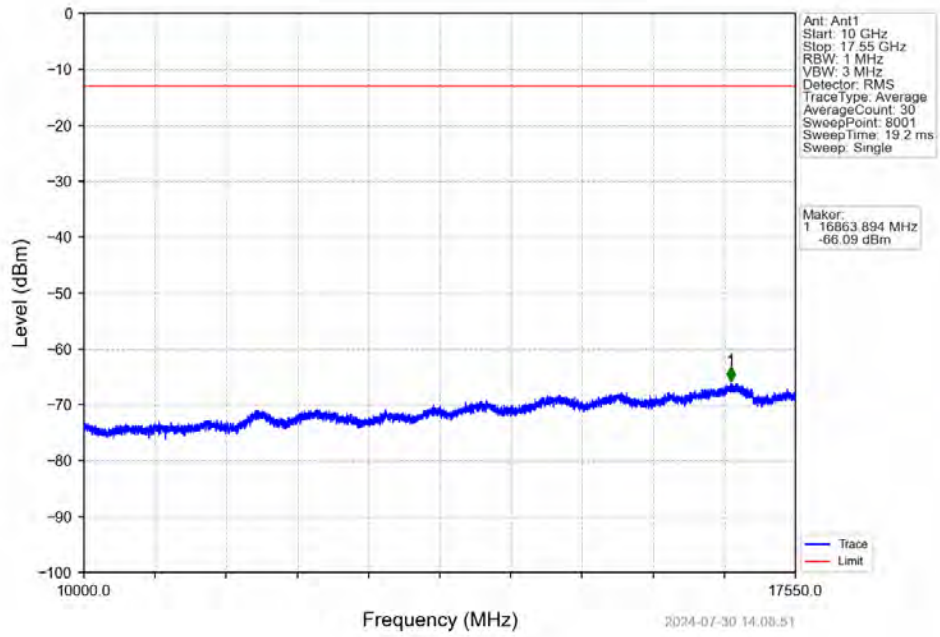
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



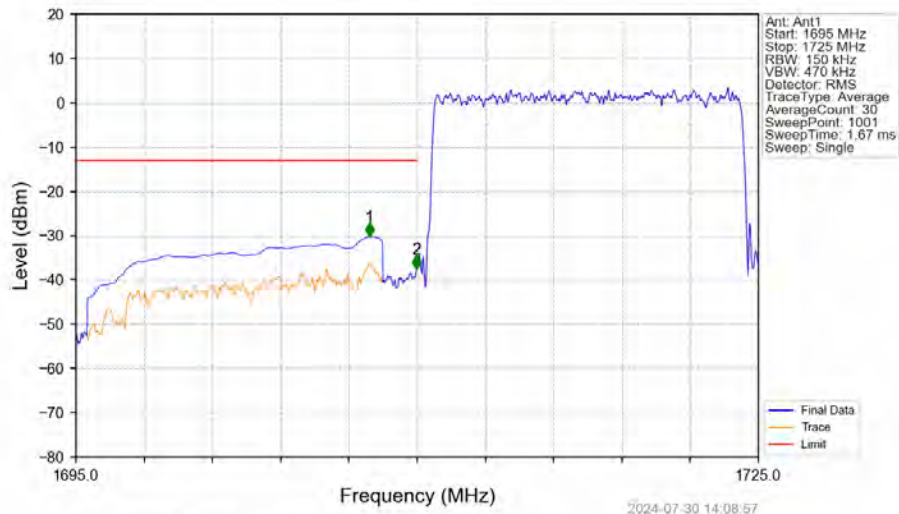
6.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

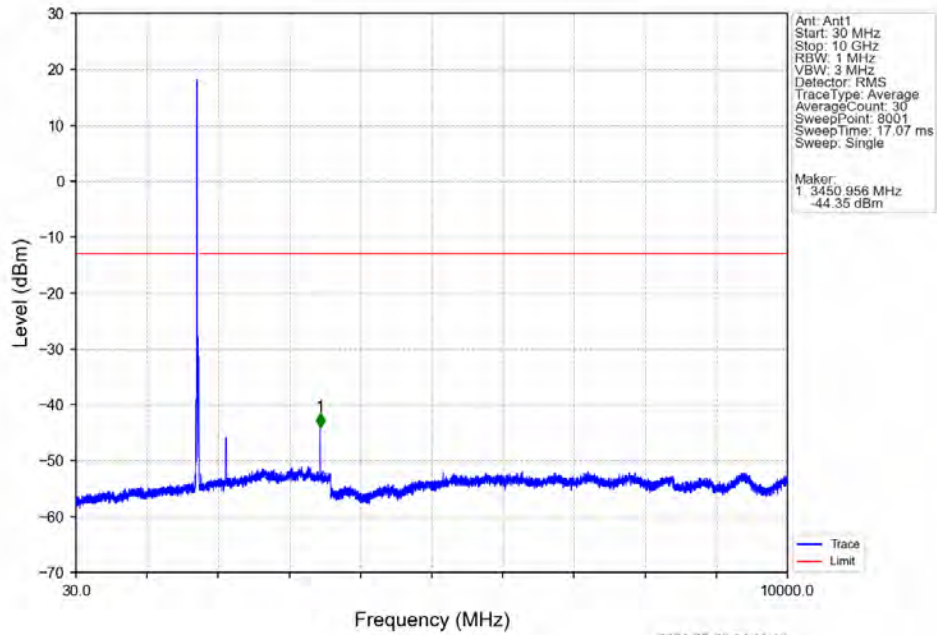


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

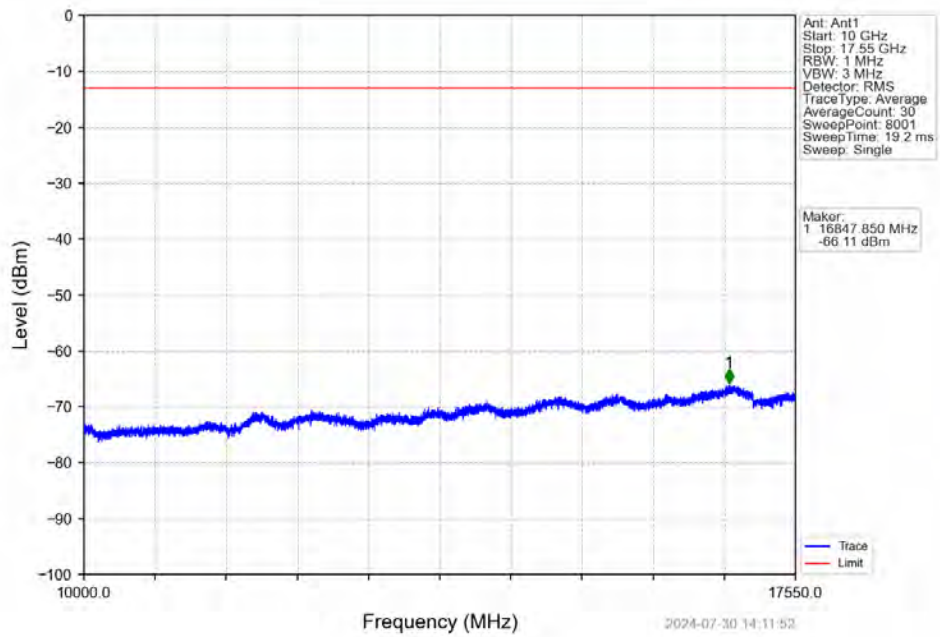


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.900	-30.23	-13	Pass
1709	1710	0.15	/	2	1709.970	-37.51	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

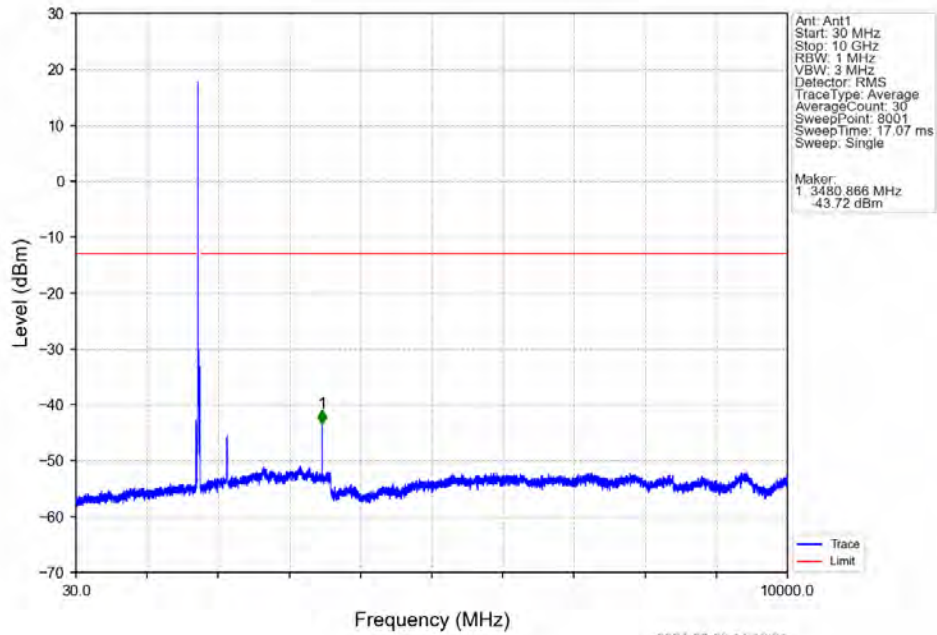
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



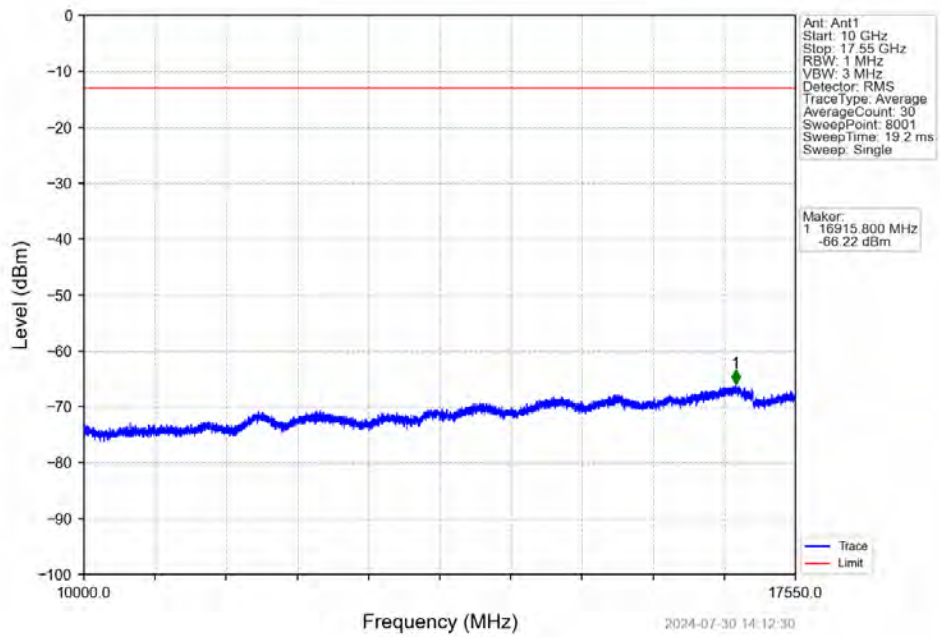
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



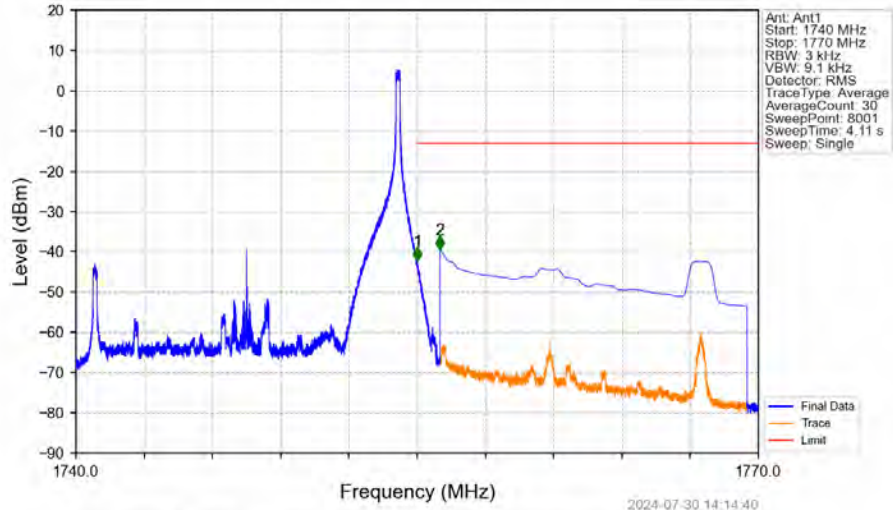
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



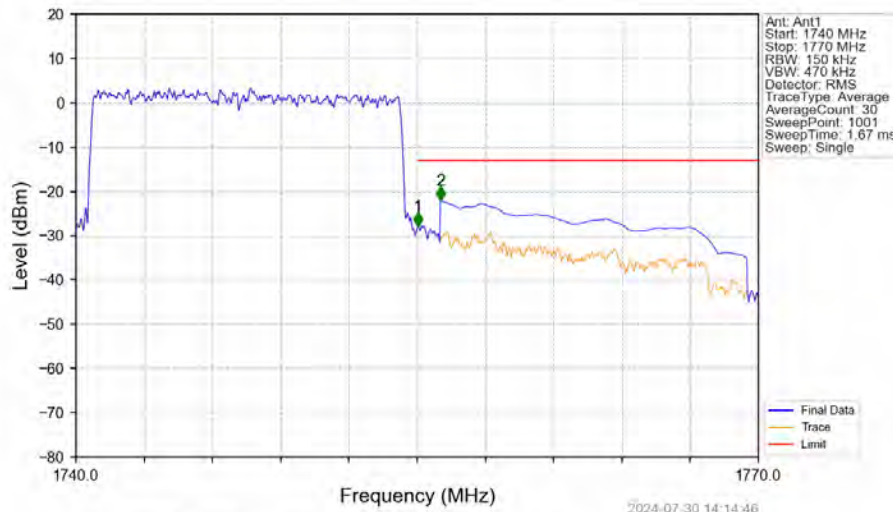
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



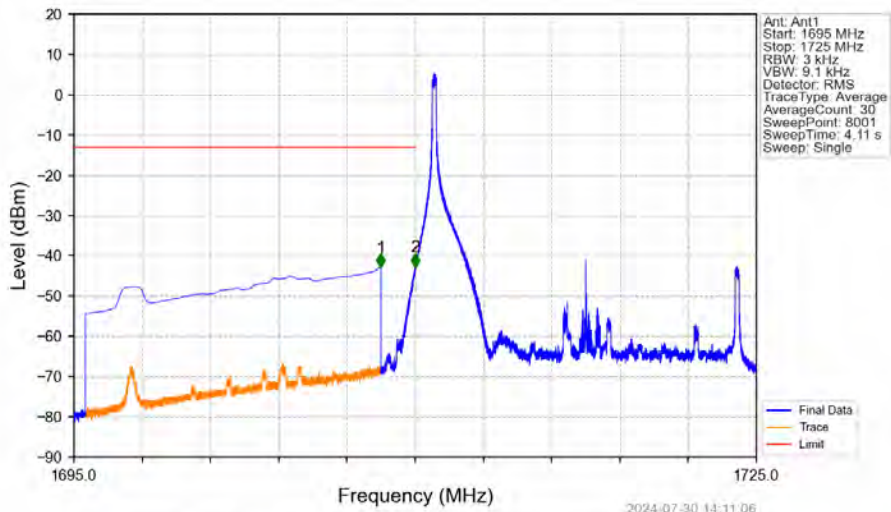
Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTNV



Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV

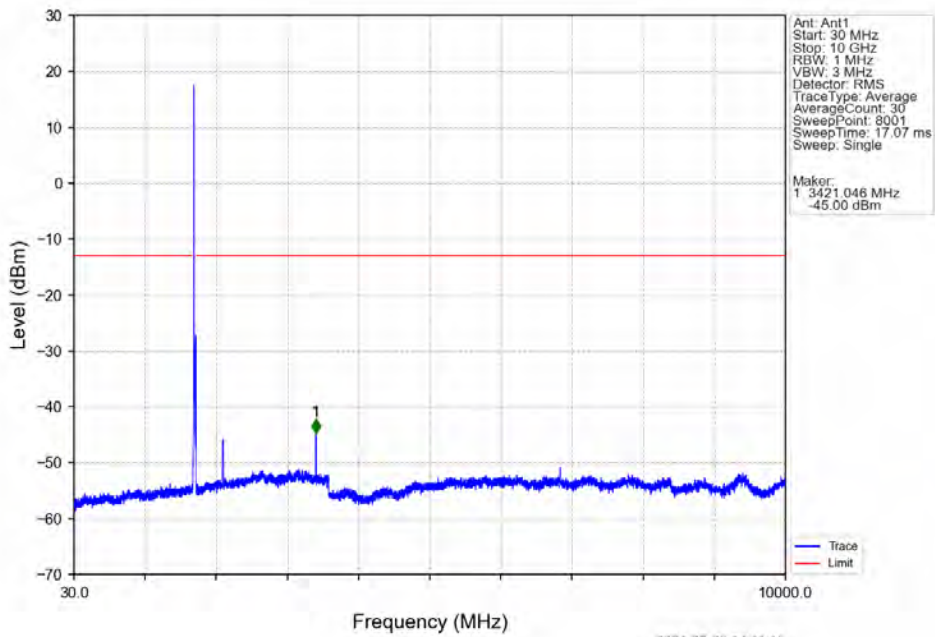


Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV

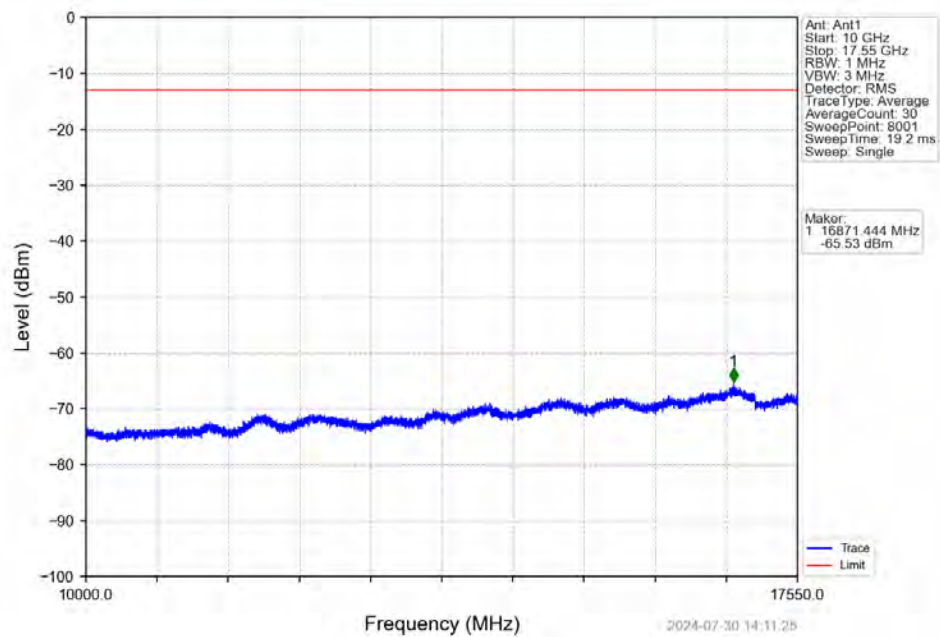


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.489	-42.85	-13	Pass
1709	1710	0.003	/	2	1709.993	-42.75	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

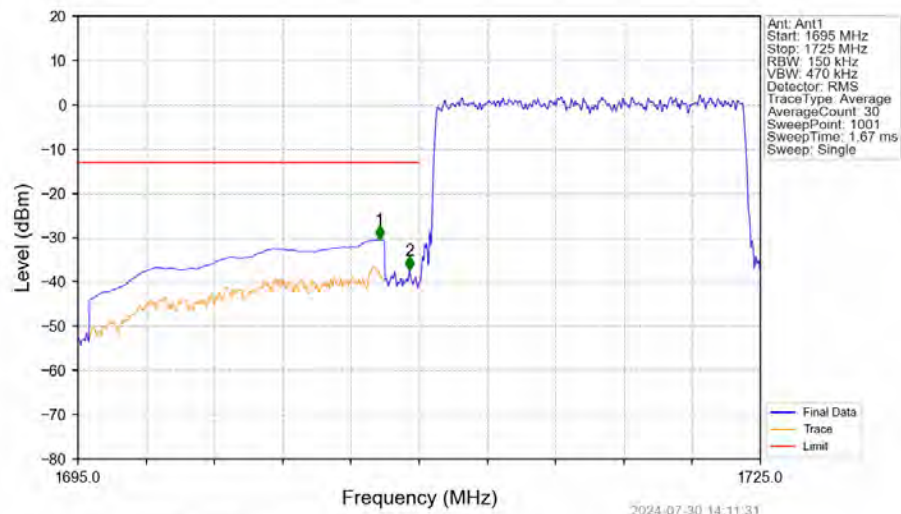
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTNV



Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV

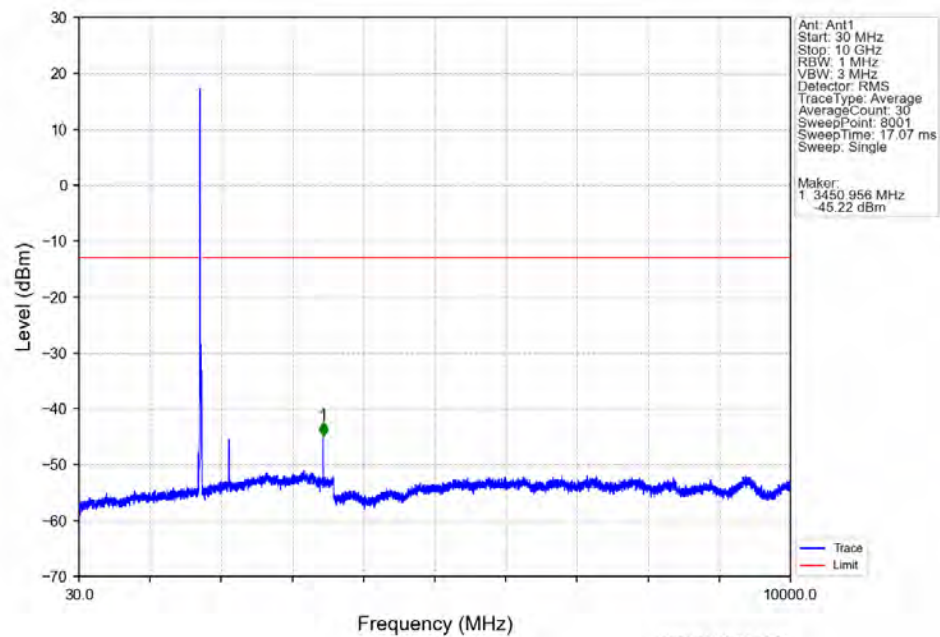


Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV

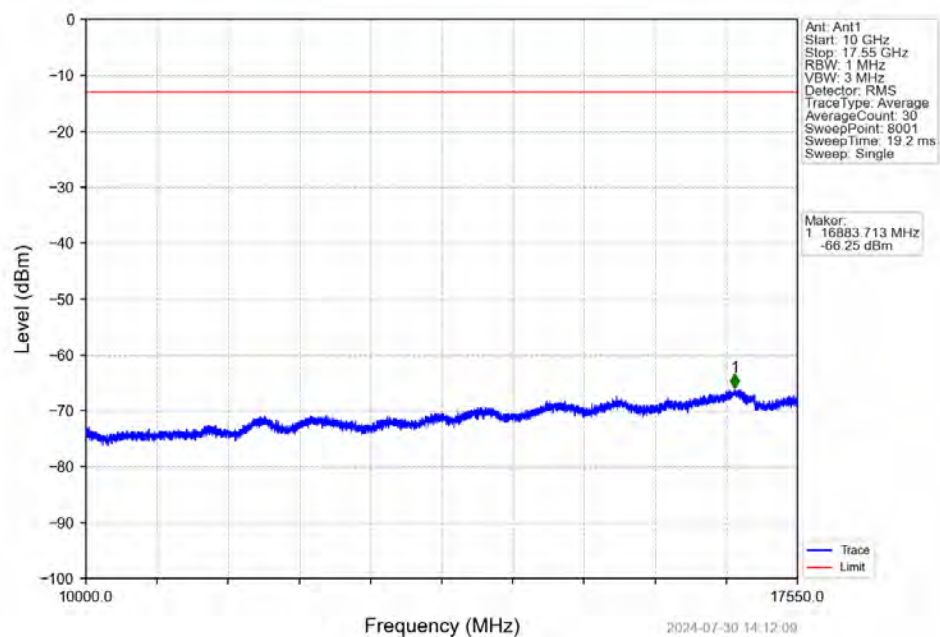


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.260	-30.46	-13	Pass
1709	1710	0.15	/	2	1709.580	-37.31	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

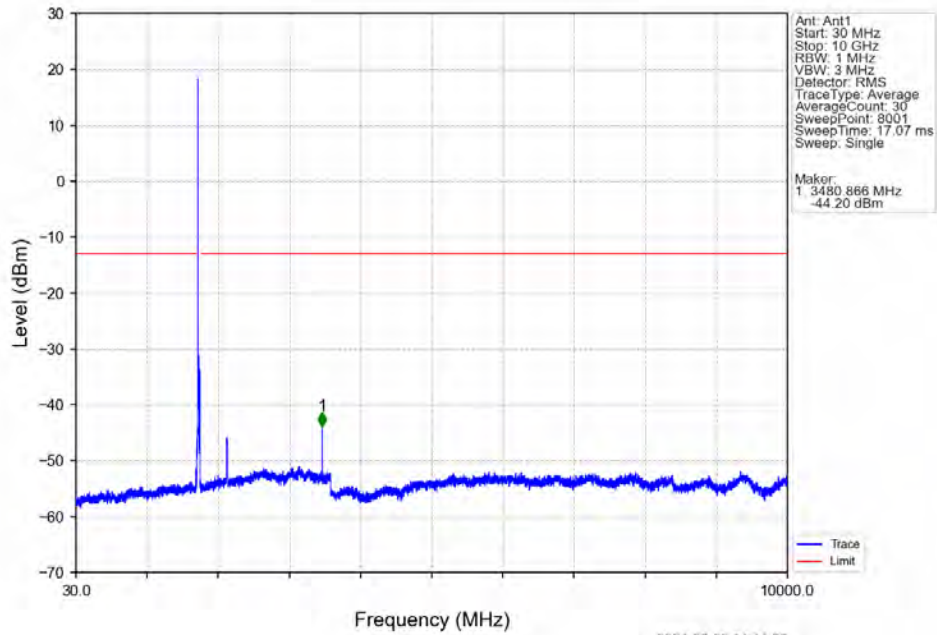
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



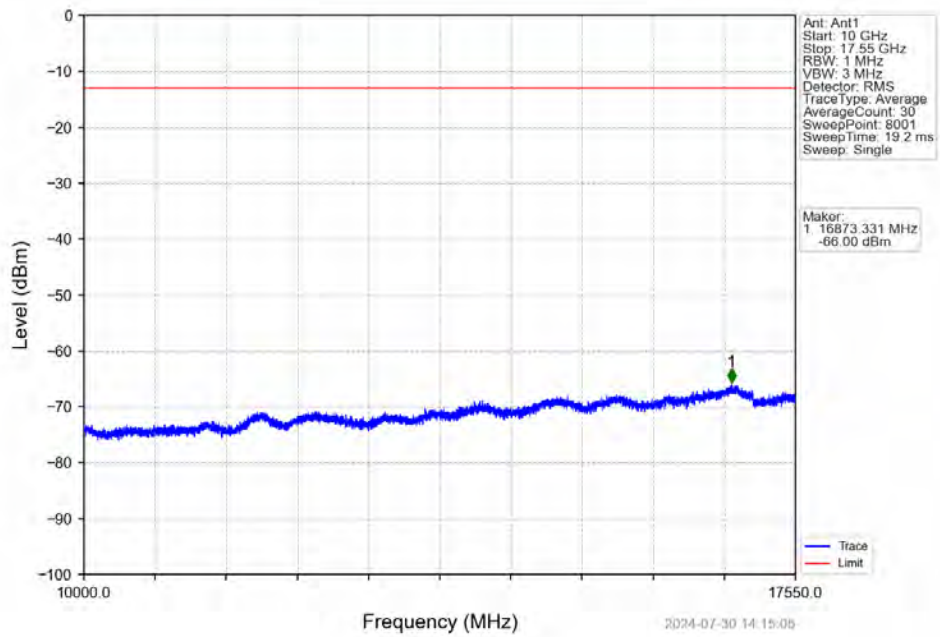
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



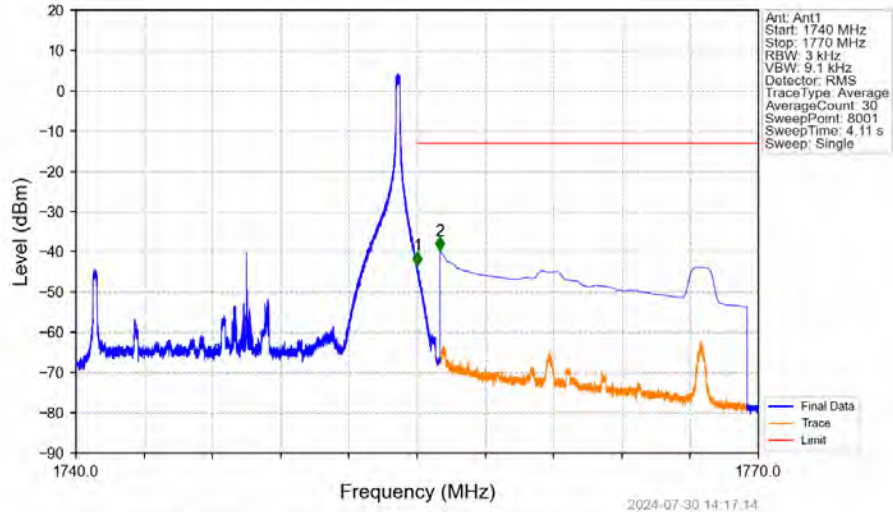
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



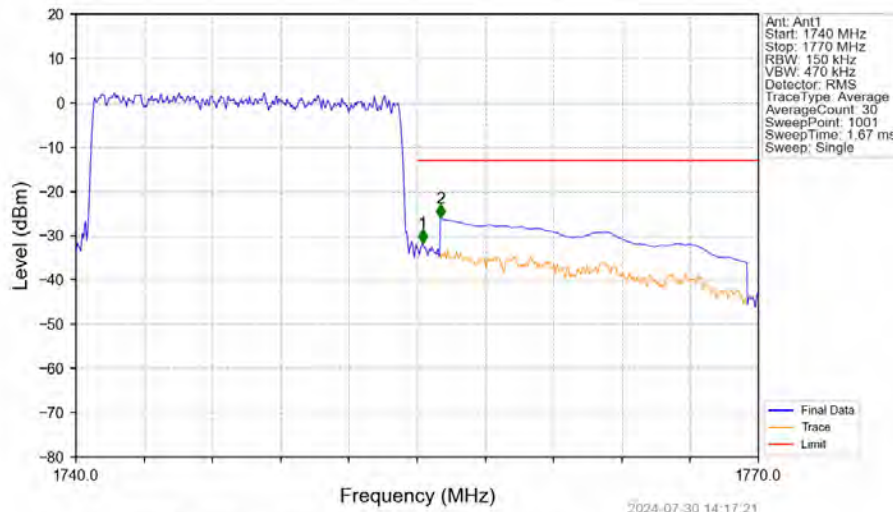
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



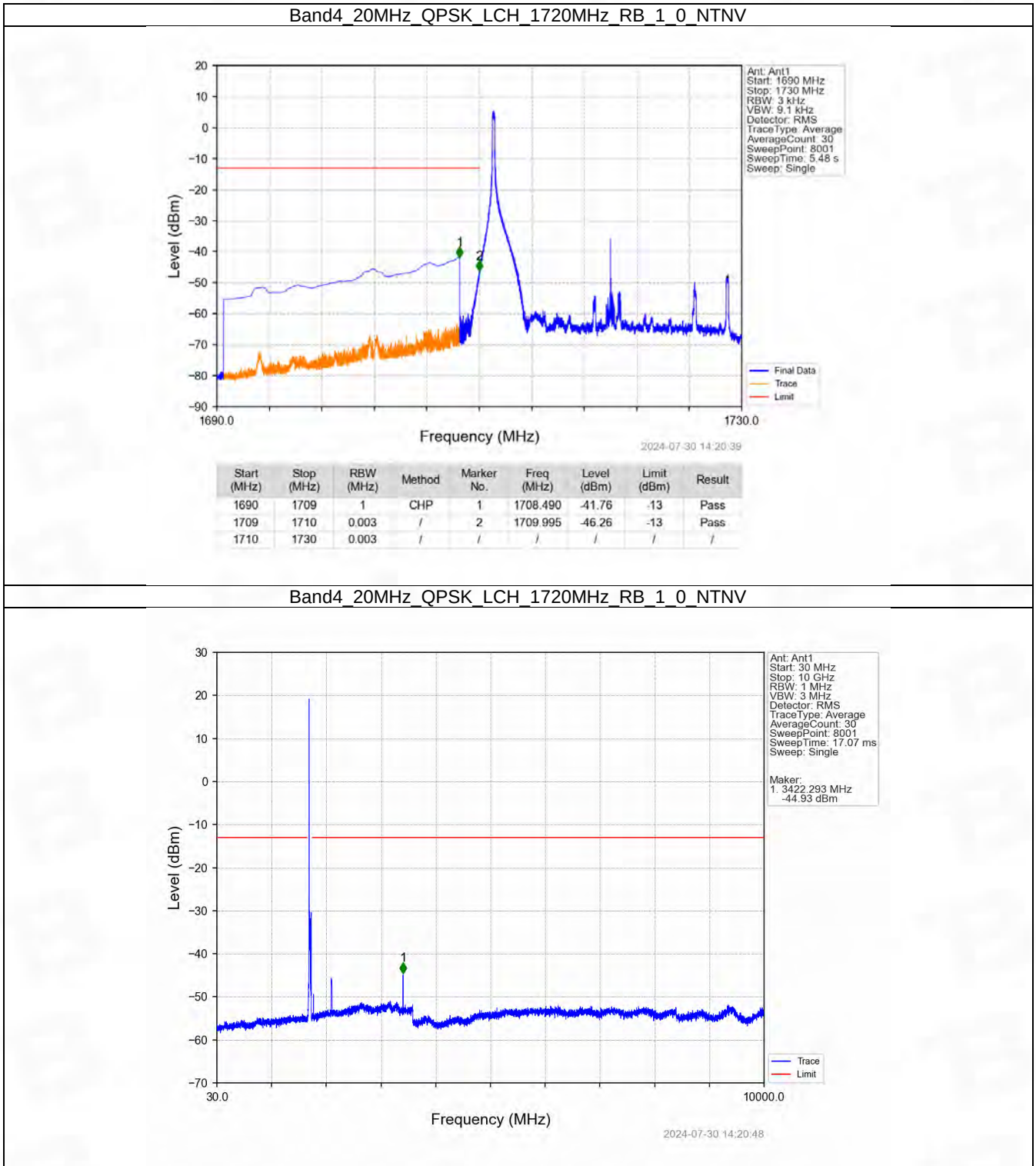
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTNV



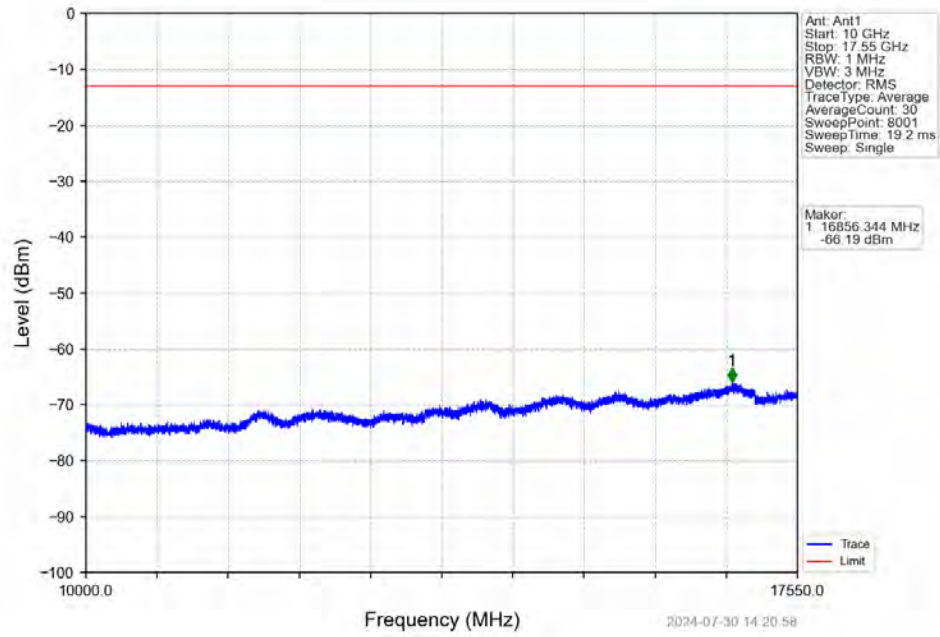
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



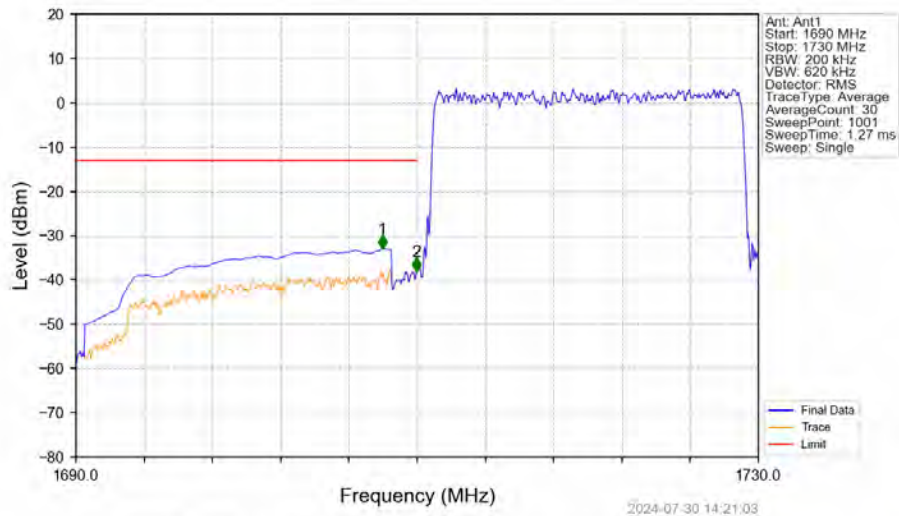
6.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

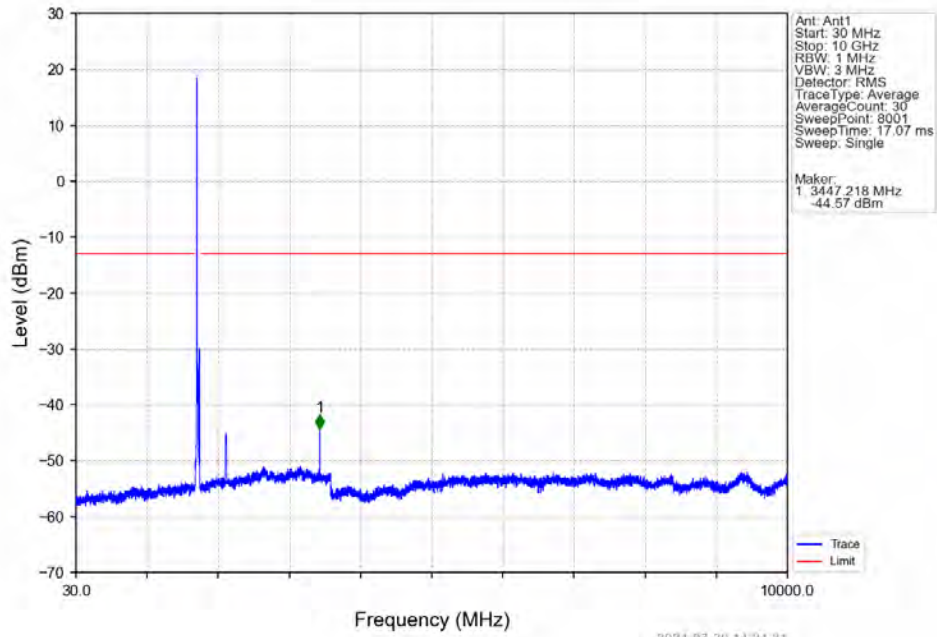


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN

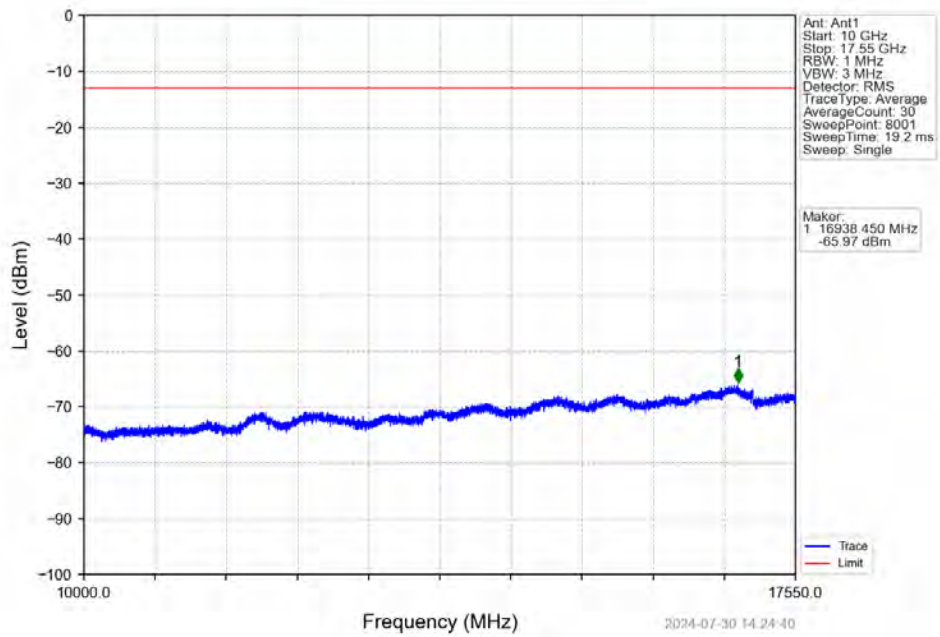


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.960	-32.92	-13	Pass
1709	1710	0.2	/	2	1709.960	-38.06	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

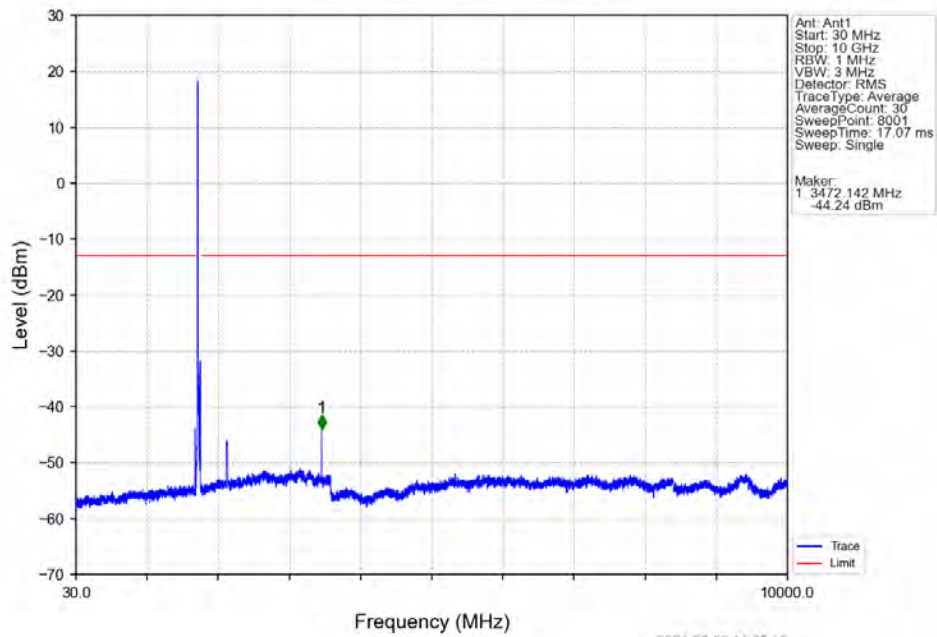
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



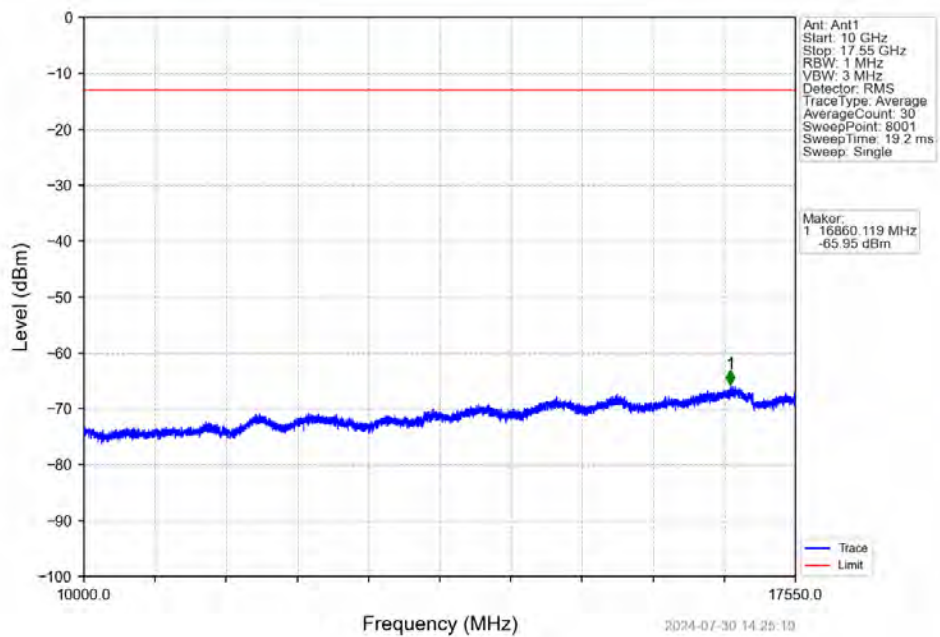
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



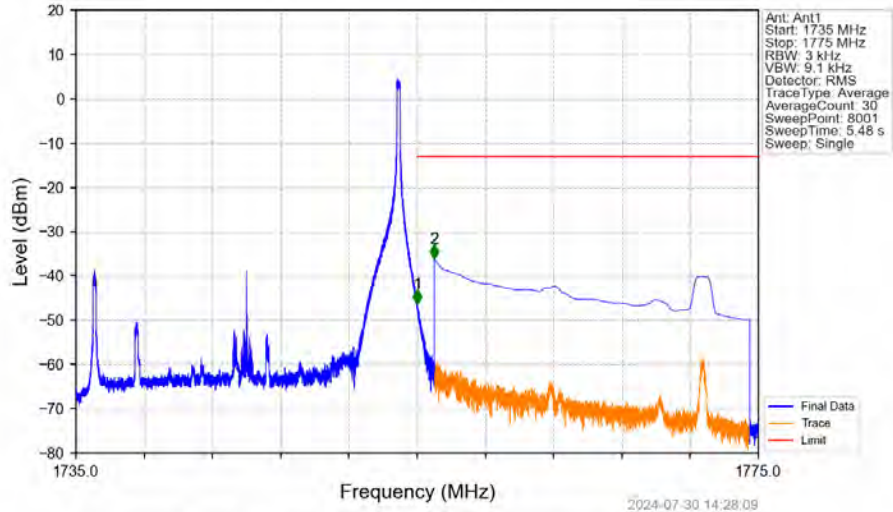
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



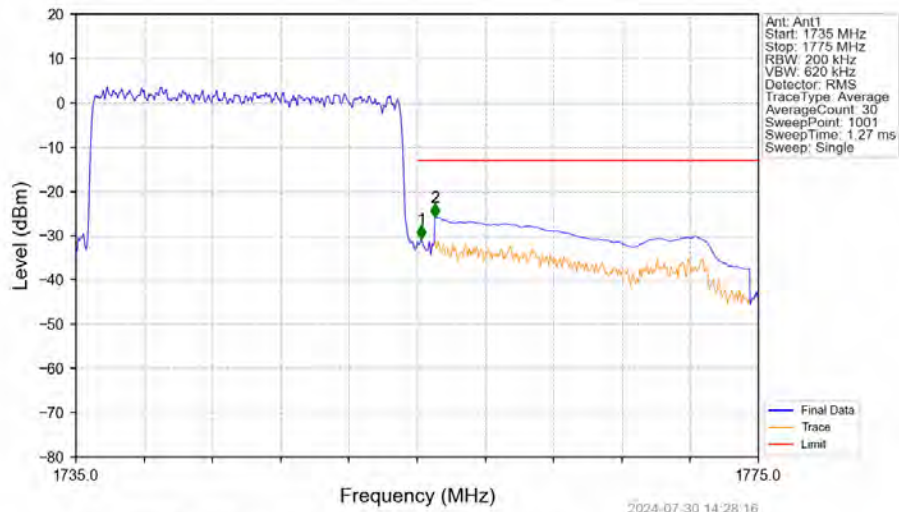
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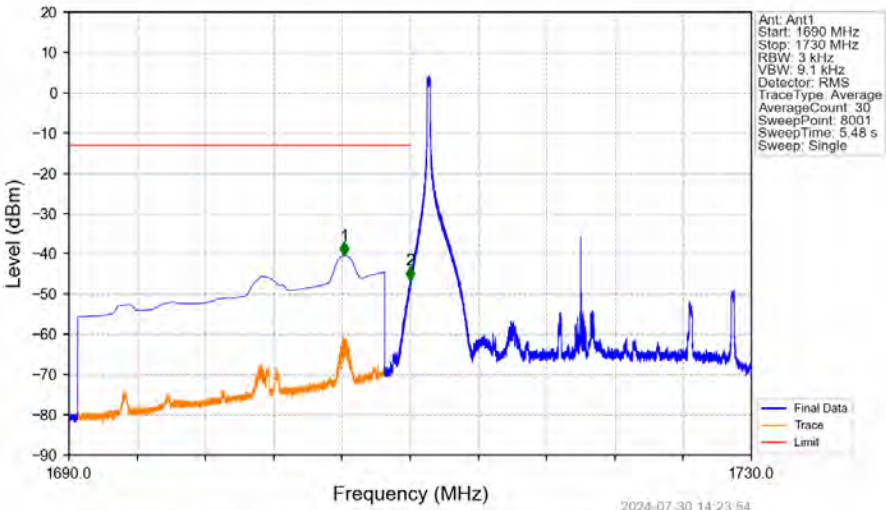
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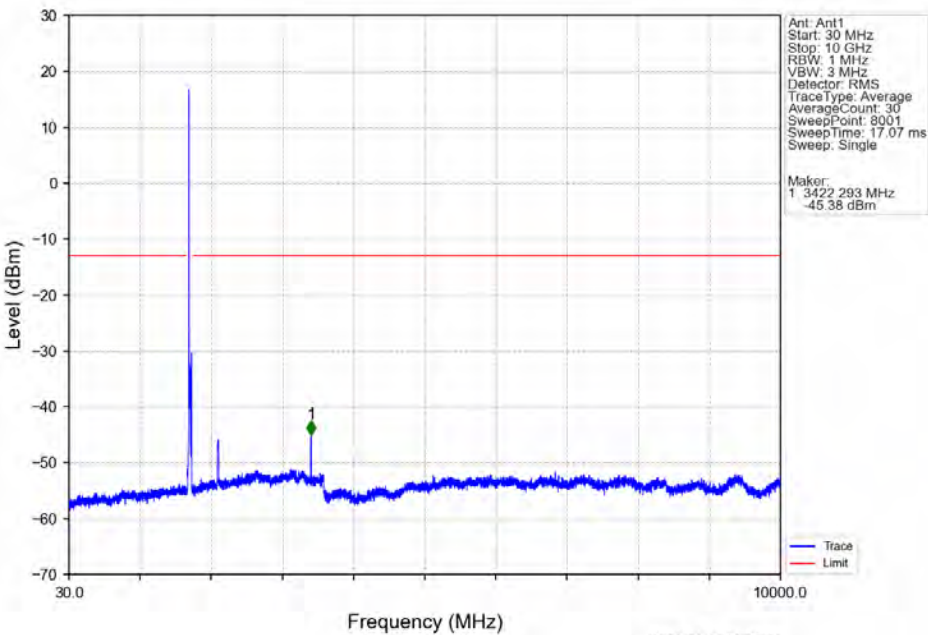
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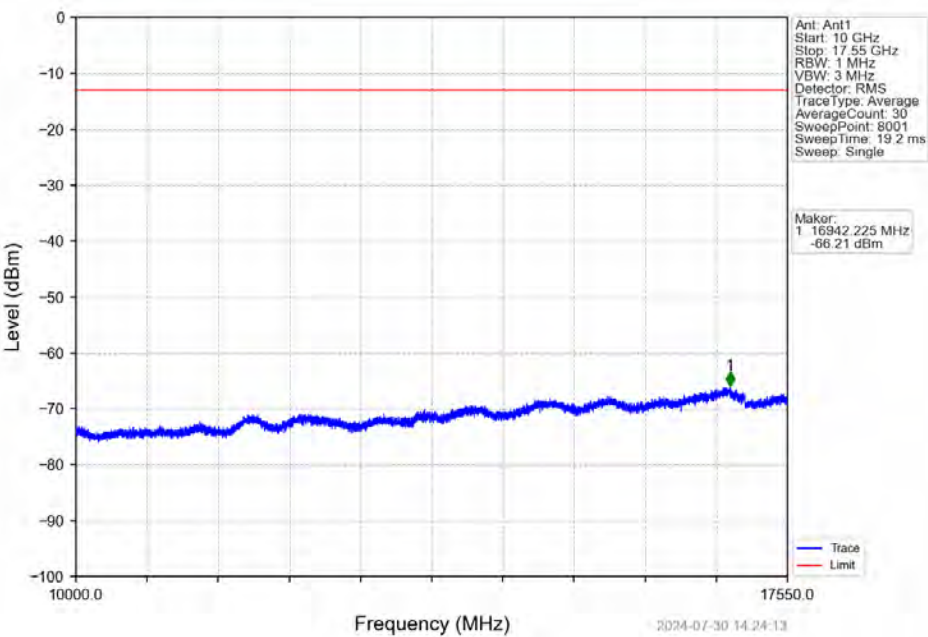
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



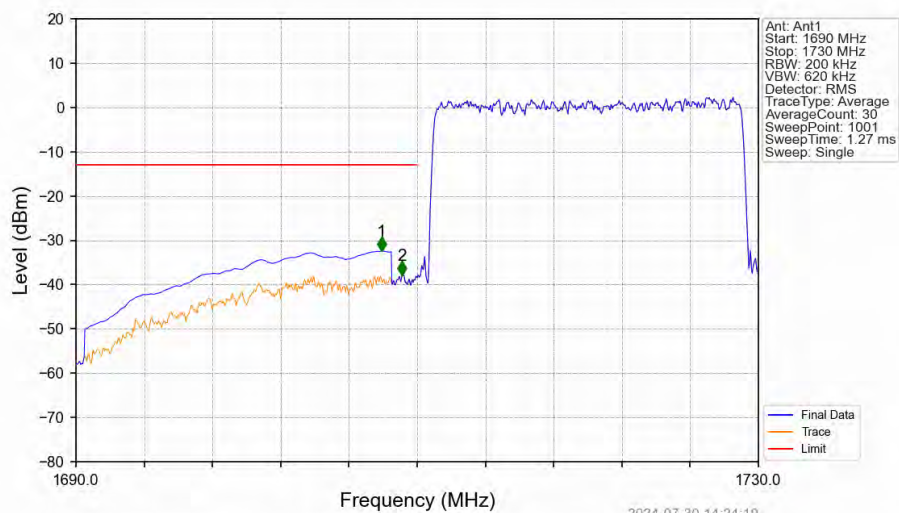
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

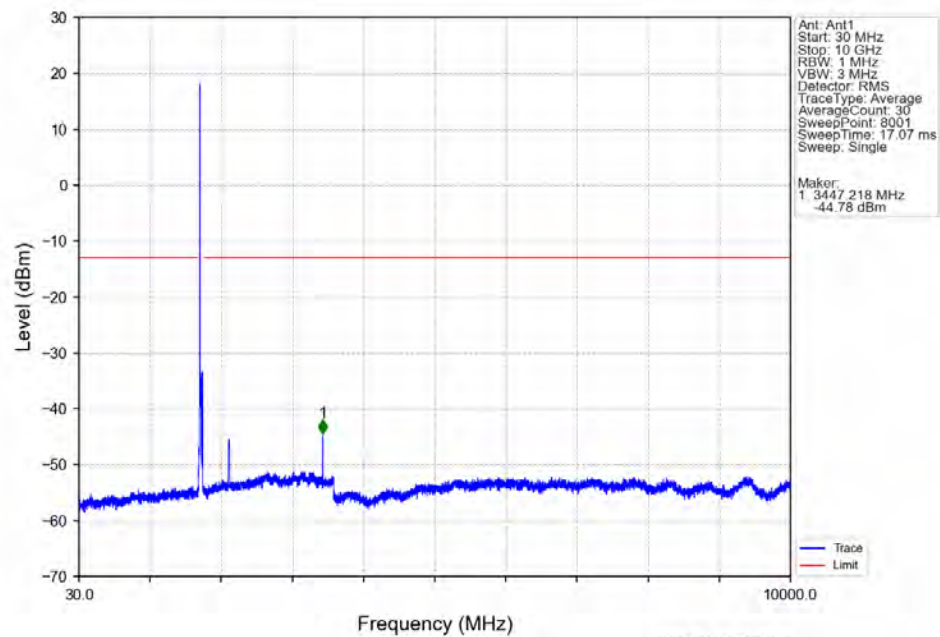


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

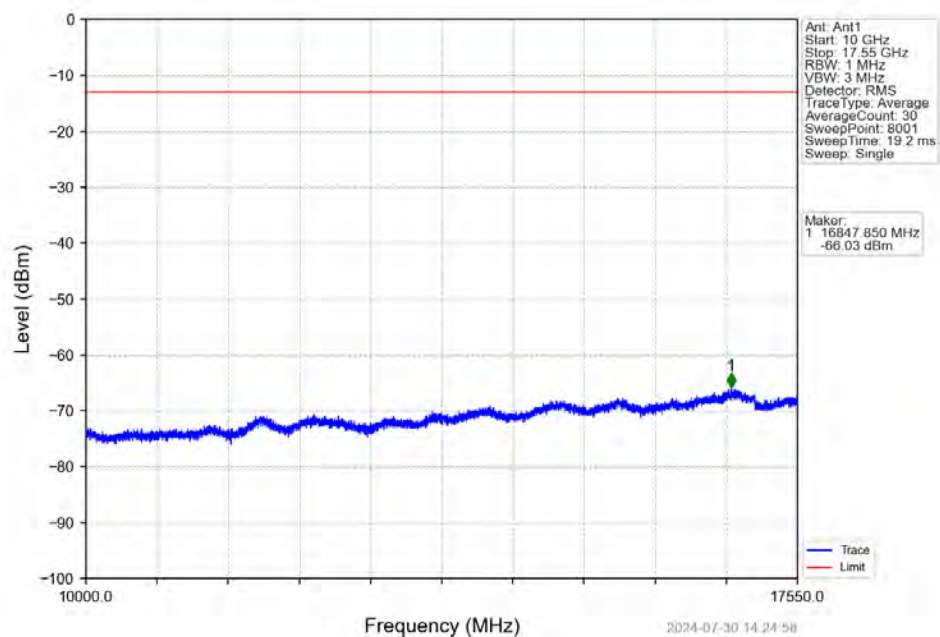


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.920	-32.38	-13	Pass
1709	1710	0.2	/	2	1709.120	-37.79	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

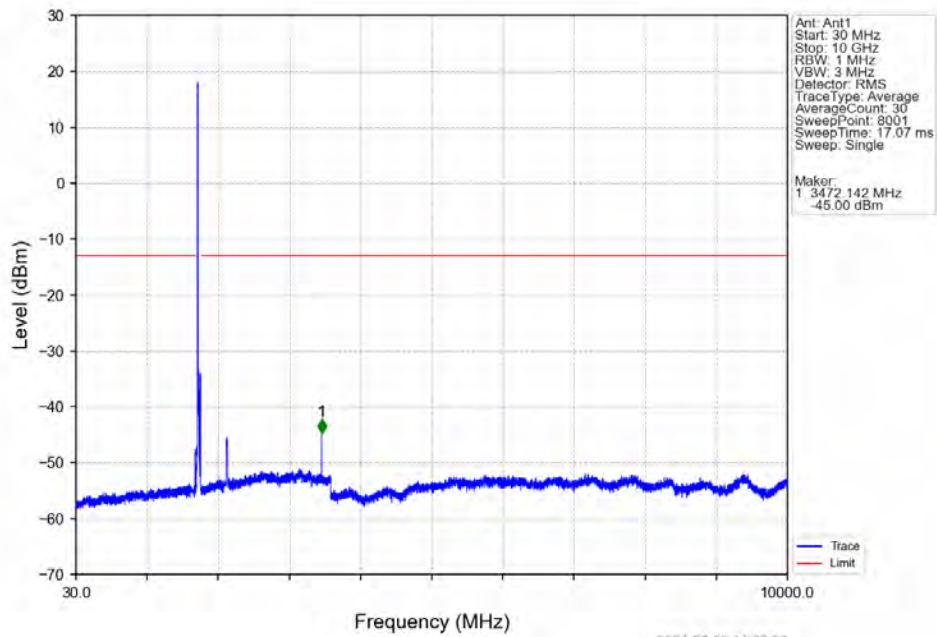
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



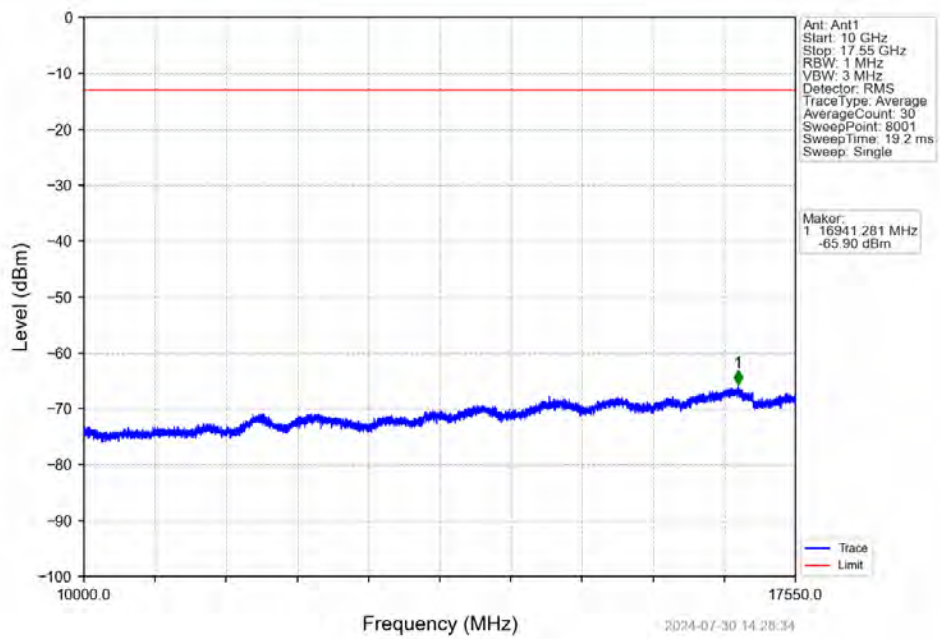
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



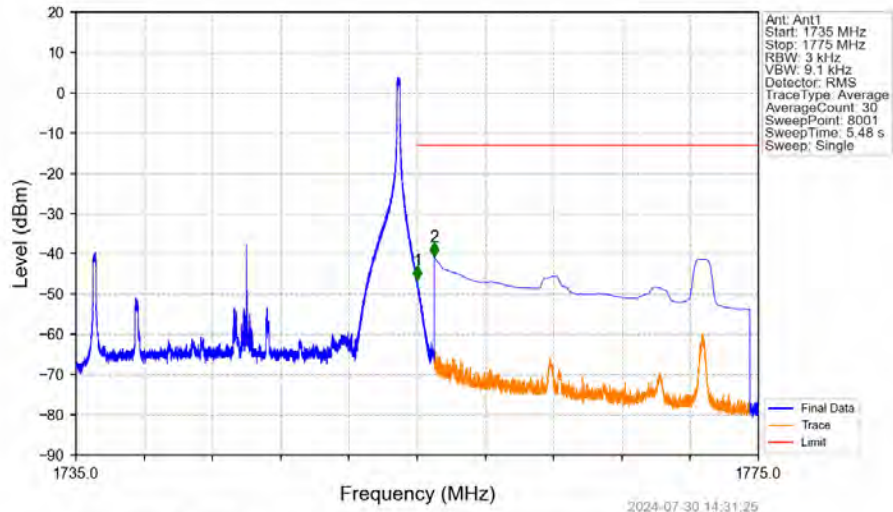
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



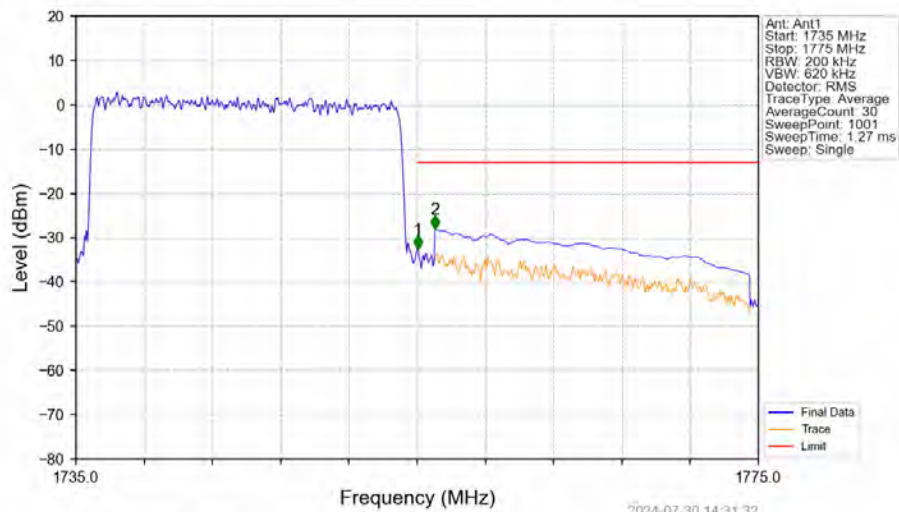
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



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)
4	1.4	1710.7	1754.3	0.1524	0.0132	ppm	1M12G7D	27L	21.83
4	1.4	1710.7	1754.3	0.1250	0.0095	ppm	1M11W7D	27L	20.97
4	3	1711.5	1753.5	0.1552	0.0086	ppm	2M73G7D	27L	21.91
4	3	1711.5	1753.5	0.1365	0.0081	ppm	2M73W7D	27L	21.35
4	5	1712.5	1752.5	0.1503	0.0077	ppm	4M55G7D	27L	21.77
4	5	1712.5	1752.5	0.1245	0.0079	ppm	4M55W7D	27L	20.95
4	10	1715	1750	0.1560	0.0053	ppm	9M07G7D	27L	21.93
4	10	1715	1750	0.1346	0.0063	ppm	9M05W7D	27L	21.29
4	15	1717.5	1747.5	0.1514	0.0060	ppm	13M6G7D	27L	21.80
4	15	1717.5	1747.5	0.1306	0.0062	ppm	13M6W7D	27L	21.16
4	20	1720	1745	0.1545	0.0064	ppm	18M1G7D	27L	21.89
4	20	1720	1745	0.1361	0.0067	ppm	18M2W7D	27L	21.34

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1581	0.0132	ppm	1M12G7D	27L	21.99
4	1.4	1710.7	1754.3	0.1297	0.0095	ppm	1M11W7D	27L	21.13
4	3	1711.5	1753.5	0.1611	0.0086	ppm	2M73G7D	27L	22.07
4	3	1711.5	1753.5	0.1416	0.0081	ppm	2M73W7D	27L	21.51
4	5	1712.5	1752.5	0.1560	0.0077	ppm	4M55G7D	27L	21.93
4	5	1712.5	1752.5	0.1291	0.0079	ppm	4M55W7D	27L	21.11
4	10	1715	1750	0.1618	0.0053	ppm	9M07G7D	27L	22.09
4	10	1715	1750	0.1396	0.0063	ppm	9M05W7D	27L	21.45
4	15	1717.5	1747.5	0.1570	0.0060	ppm	13M6G7D	27L	21.96
4	15	1717.5	1747.5	0.1355	0.0062	ppm	13M6W7D	27L	21.32
4	20	1720	1745	0.1603	0.0064	ppm	18M1G7D	27L	22.05
4	20	1720	1745	0.1413	0.0067	ppm	18M2W7D	27L	21.50