



1.1 Test Result

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	22.52	0.40	22.92	<=30	Pass		
			2	22.54	0.40	22.94	<=30	Pass		
			5	22.48	0.40	22.88	<=30	Pass		
		3	0	22.54	0.40	22.94	<=30	Pass		
			2	22.54	0.40	22.94	<=30	Pass		
			3	22.51	0.40	22.91	<=30	Pass		
		6	0	21.55	0.40	21.95	<=30	Pass		
		1732.5	1	0	22.57	0.40	22.97	<=30	Pass	
				2	22.56	0.40	22.96	<=30	Pass	
	5			22.53	0.40	22.93	<=30	Pass		
	3		0	22.54	0.40	22.94	<=30	Pass		
			2	22.55	0.40	22.95	<=30	Pass		
			3	22.56	0.40	22.96	<=30	Pass		
	6		0	21.58	0.40	21.98	<=30	Pass		
	1754.3		1	0	22.69	0.40	23.09	<=30	Pass	
				2	22.71	0.40	23.11	<=30	Pass	
		5		22.63	0.40	23.03	<=30	Pass		
		3	0	22.69	0.40	23.09	<=30	Pass		
			2	22.64	0.40	23.04	<=30	Pass		
			3	22.66	0.40	23.06	<=30	Pass		
		6	0	21.66	0.40	22.06	<=30	Pass		
		16QAM	1710.7	1	0	21.71	0.40	22.11	<=30	Pass
					2	21.77	0.40	22.17	<=30	Pass
	5				21.66	0.40	22.06	<=30	Pass	
3	0			21.65	0.40	22.05	<=30	Pass		
	2			21.61	0.40	22.01	<=30	Pass		
	3			21.63	0.40	22.03	<=30	Pass		
6	0			20.62	0.40	21.02	<=30	Pass		
1732.5	1			0	21.62	0.40	22.02	<=30	Pass	
				2	21.57	0.40	21.97	<=30	Pass	
			5	21.65	0.40	22.05	<=30	Pass		
	3		0	21.54	0.40	21.94	<=30	Pass		
			2	21.57	0.40	21.97	<=30	Pass		
			3	21.58	0.40	21.98	<=30	Pass		
	6		0	20.60	0.40	21.00	<=30	Pass		
	1754.3		1	0	21.79	0.40	22.19	<=30	Pass	
				2	21.82	0.40	22.22	<=30	Pass	
5				21.79	0.40	22.19	<=30	Pass		
3			0	21.79	0.40	22.19	<=30	Pass		
			2	21.78	0.40	22.18	<=30	Pass		
			3	21.80	0.40	22.20	<=30	Pass		
6			0	20.67	0.40	21.07	<=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	22.48	0.40	22.88	<=30	Pass
			7	22.53	0.40	22.93	<=30	Pass
			14	22.43	0.40	22.83	<=30	Pass
		8	0	21.57	0.40	21.97	<=30	Pass
			4	21.58	0.40	21.98	<=30	Pass
			7	21.55	0.40	21.95	<=30	Pass
		15	0	21.59	0.40	21.99	<=30	Pass
	1732.5	1	0	22.42	0.40	22.82	<=30	Pass
			7	22.52	0.40	22.92	<=30	Pass
			14	22.43	0.40	22.83	<=30	Pass
		8	0	21.46	0.40	21.86	<=30	Pass
			4	21.54	0.40	21.94	<=30	Pass
			7	21.54	0.40	21.94	<=30	Pass
		15	0	21.47	0.40	21.87	<=30	Pass
	1753.5	1	0	22.61	0.40	23.01	<=30	Pass
			7	22.73	0.40	23.13	<=30	Pass
			14	22.67	0.40	23.07	<=30	Pass
		8	0	21.64	0.40	22.04	<=30	Pass
			4	21.73	0.40	22.13	<=30	Pass
			7	21.73	0.40	22.13	<=30	Pass
		15	0	21.63	0.40	22.03	<=30	Pass
16QAM	1711.5	1	0	21.67	0.40	22.07	<=30	Pass
			7	21.64	0.40	22.04	<=30	Pass
			14	21.52	0.40	21.92	<=30	Pass
		8	0	20.61	0.40	21.01	<=30	Pass
			4	20.59	0.40	20.99	<=30	Pass
			7	20.56	0.40	20.96	<=30	Pass
		15	0	20.59	0.40	20.99	<=30	Pass
	1732.5	1	0	21.43	0.40	21.83	<=30	Pass
			7	21.62	0.40	22.02	<=30	Pass
			14	21.60	0.40	22.00	<=30	Pass
		8	0	20.52	0.40	20.92	<=30	Pass
			4	20.63	0.40	21.03	<=30	Pass
			7	20.55	0.40	20.95	<=30	Pass
		15	0	20.48	0.40	20.88	<=30	Pass
	1753.5	1	0	21.74	0.40	22.14	<=30	Pass
			7	21.86	0.40	22.26	<=30	Pass
			14	21.85	0.40	22.25	<=30	Pass
		8	0	20.67	0.40	21.07	<=30	Pass
			4	20.76	0.40	21.16	<=30	Pass
			7	20.73	0.40	21.13	<=30	Pass
		15	0	20.66	0.40	21.06	<=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	18.51	0.40	18.91	<=30	Pass
			13	18.51	0.40	18.91	<=30	Pass
			24	18.34	0.40	18.74	<=30	Pass



	1732.5	12	0	17.55	0.40	17.95	<=30	Pass	
			6	17.55	0.40	17.95	<=30	Pass	
			13	17.48	0.40	17.88	<=30	Pass	
		25	0	17.51	0.40	17.91	<=30	Pass	
			1	0	17.97	0.40	18.37	<=30	Pass
				13	17.96	0.40	18.36	<=30	Pass
		24		17.88	0.40	18.28	<=30	Pass	
		12		0	16.95	0.40	17.35	<=30	Pass
				6	17.03	0.40	17.43	<=30	Pass
				13	16.99	0.40	17.39	<=30	Pass
	25	0	16.95	0.40	17.35	<=30	Pass		
		13	17.69	0.40	18.09	<=30	Pass		
		24	17.63	0.40	18.03	<=30	Pass		
	12	0	16.76	0.40	17.16	<=30	Pass		
		6	16.73	0.40	17.13	<=30	Pass		
		13	16.71	0.40	17.11	<=30	Pass		
	25	0	16.70	0.40	17.10	<=30	Pass		
		13	17.52	0.40	17.92	<=30	Pass		
		24	17.35	0.40	17.75	<=30	Pass		
	12	0	16.58	0.40	16.98	<=30	Pass		
		6	16.55	0.40	16.95	<=30	Pass		
13		16.50	0.40	16.90	<=30	Pass			
25	0	16.51	0.40	16.91	<=30	Pass			
1732.5	1	0	16.99	0.40	17.39	<=30	Pass		
		13	17.05	0.40	17.45	<=30	Pass		
		24	16.94	0.40	17.34	<=30	Pass		
	12	0	15.96	0.40	16.36	<=30	Pass		
		6	16.06	0.40	16.46	<=30	Pass		
		13	16.00	0.40	16.40	<=30	Pass		
	25	0	15.93	0.40	16.33	<=30	Pass		
13	16.84	0.40	17.24	<=30	Pass				
24	16.81	0.40	17.21	<=30	Pass				
12	0	15.79	0.40	16.19	<=30	Pass			
	6	15.76	0.40	16.16	<=30	Pass			
	13	15.76	0.40	16.16	<=30	Pass			
25	0	15.73	0.40	16.13	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	18.44	0.40	18.84	<=30	Pass
			25	18.34	0.40	18.74	<=30	Pass
			49	18.22	0.40	18.62	<=30	Pass
		25	0	17.44	0.40	17.84	<=30	Pass
			13	17.45	0.40	17.85	<=30	Pass
			25	17.34	0.40	17.74	<=30	Pass
		50	0	17.49	0.40	17.89	<=30	Pass
	1732.5	1	0	18.03	0.40	18.43	<=30	Pass
			25	18.03	0.40	18.43	<=30	Pass
			49	17.96	0.40	18.36	<=30	Pass
		25	0	16.99	0.40	17.39	<=30	Pass
			0	16.99	0.40	17.39	<=30	Pass



		50	13	17.06	0.40	17.46	<=30	Pass
			25	17.01	0.40	17.41	<=30	Pass
			0	16.98	0.40	17.38	<=30	Pass
	1750	1	0	17.87	0.40	18.27	<=30	Pass
			25	17.80	0.40	18.20	<=30	Pass
			49	17.63	0.40	18.03	<=30	Pass
		25	0	16.81	0.40	17.21	<=30	Pass
			13	16.78	0.40	17.18	<=30	Pass
			25	16.77	0.40	17.17	<=30	Pass
		50	0	16.77	0.40	17.17	<=30	Pass
16QAM	1715	1	0	17.57	0.40	17.97	<=30	Pass
			25	17.51	0.40	17.91	<=30	Pass
			49	17.36	0.40	17.76	<=30	Pass
		12	0	21.90	0.40	22.30	<=30	Pass
			19	21.97	0.40	22.37	<=30	Pass
			38	21.95	0.40	22.35	<=30	Pass
		27	0	20.91	0.40	21.31	<=30	Pass
	1732.5	1	0	17.12	0.40	17.52	<=30	Pass
			25	17.09	0.40	17.49	<=30	Pass
			49	17.06	0.40	17.46	<=30	Pass
		12	0	21.94	0.40	22.34	<=30	Pass
			19	22.03	0.40	22.43	<=30	Pass
			38	22.03	0.40	22.43	<=30	Pass
		27	0	20.98	0.40	21.38	<=30	Pass
	1750	1	0	16.92	0.40	17.32	<=30	Pass
			25	16.97	0.40	17.37	<=30	Pass
			49	16.84	0.40	17.24	<=30	Pass
		12	0	22.00	0.40	22.40	<=30	Pass
			19	22.00	0.40	22.40	<=30	Pass
			38	22.07	0.40	22.47	<=30	Pass
		27	23	21.10	0.40	21.50	<=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	18.39	0.40	18.79	<=30	Pass
			38	18.11	0.40	18.51	<=30	Pass
			74	17.85	0.40	18.25	<=30	Pass
		36	0	17.19	0.40	17.59	<=30	Pass
			18	17.18	0.40	17.58	<=30	Pass
			39	17.01	0.40	17.41	<=30	Pass
		75	0	17.16	0.40	17.56	<=30	Pass
	1732.5	1	0	17.69	0.40	18.09	<=30	Pass
			38	18.09	0.40	18.49	<=30	Pass
			74	17.99	0.40	18.39	<=30	Pass
		36	0	17.06	0.40	17.46	<=30	Pass
			18	17.06	0.40	17.46	<=30	Pass
			39	17.08	0.40	17.48	<=30	Pass
		75	0	17.05	0.40	17.45	<=30	Pass
	1747.5	1	0	17.98	0.40	18.38	<=30	Pass
			38	17.98	0.40	18.38	<=30	Pass
			74	17.78	0.40	18.18	<=30	Pass
		36	0	17.01	0.40	17.41	<=30	Pass
			18	16.98	0.40	17.38	<=30	Pass



			39	16.92	0.40	17.32	<=30	Pass		
		75	0	16.96	0.40	17.36	<=30	Pass		
16QAM	1717.5	1	0	17.44	0.40	17.84	<=30	Pass		
			38	17.25	0.40	17.65	<=30	Pass		
			74	16.99	0.40	17.39	<=30	Pass		
			0	21.61	0.40	22.01	<=30	Pass		
		12	31	21.71	0.40	22.11	<=30	Pass		
			63	21.72	0.40	22.12	<=30	Pass		
			27	0	20.60	0.40	21.00	<=30	Pass	
		1732.5	1	0	17.15	0.40	17.55	<=30	Pass	
				38	17.27	0.40	17.67	<=30	Pass	
	74			17.21	0.40	17.61	<=30	Pass		
	12		0	21.60	0.40	22.00	<=30	Pass		
			31	21.73	0.40	22.13	<=30	Pass		
			63	21.70	0.40	22.10	<=30	Pass		
	27		0	20.69	0.40	21.09	<=30	Pass		
	1747.5		1	0	17.03	0.40	17.43	<=30	Pass	
				38	17.11	0.40	17.51	<=30	Pass	
		74		16.93	0.40	17.33	<=30	Pass		
		12	0	21.59	0.40	21.99	<=30	Pass		
			31	21.66	0.40	22.06	<=30	Pass		
			63	21.72	0.40	22.12	<=30	Pass		
		27	48	20.82	0.40	21.22	<=30	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	18.66	0.40	19.06	<=30	Pass
			50	18.35	0.40	18.75	<=30	Pass
			99	18.13	0.40	18.53	<=30	Pass
		50	0	17.47	0.40	17.87	<=30	Pass
			25	17.44	0.40	17.84	<=30	Pass
			50	17.33	0.40	17.73	<=30	Pass
	1732.5	100	0	17.45	0.40	17.85	<=30	Pass
		1	0	18.16	0.40	18.56	<=30	Pass
			50	18.09	0.40	18.49	<=30	Pass
			99	17.98	0.40	18.38	<=30	Pass
		50	0	17.18	0.40	17.58	<=30	Pass
			25	17.13	0.40	17.53	<=30	Pass
			50	17.09	0.40	17.49	<=30	Pass
		100	0	17.12	0.40	17.52	<=30	Pass
	1745	1	0	17.99	0.40	18.39	<=30	Pass
			50	18.07	0.40	18.47	<=30	Pass
			99	17.84	0.40	18.24	<=30	Pass
		50	0	17.02	0.40	17.42	<=30	Pass
			25	17.01	0.40	17.41	<=30	Pass
			50	16.97	0.40	17.37	<=30	Pass
		100	0	16.98	0.40	17.38	<=30	Pass
16QAM	1720	1	0	17.68	0.40	18.08	<=30	Pass
			50	17.53	0.40	17.93	<=30	Pass
			99	17.22	0.40	17.62	<=30	Pass
		12	0	21.61	0.40	22.01	<=30	Pass
			44	21.72	0.40	22.12	<=30	Pass
			88	21.69	0.40	22.09	<=30	Pass



	1732.5	27	0	20.58	0.40	20.98	<=30	Pass
		1	0	17.19	0.40	17.59	<=30	Pass
			50	17.27	0.40	17.67	<=30	Pass
			99	17.14	0.40	17.54	<=30	Pass
		12	0	21.62	0.40	22.02	<=30	Pass
			44	21.80	0.40	22.20	<=30	Pass
			88	21.72	0.40	22.12	<=30	Pass
		27	0	20.65	0.40	21.05	<=30	Pass
	1745	1	0	17.11	0.40	17.51	<=30	Pass
			50	17.46	0.40	17.86	<=30	Pass
			99	16.99	0.40	17.39	<=30	Pass
		12	0	21.64	0.40	22.04	<=30	Pass
			44	21.80	0.40	22.20	<=30	Pass
			88	21.75	0.40	22.15	<=30	Pass
		27	73	20.78	0.40	21.18	<=30	Pass

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	-1.903	-0.0011	-2.5 to 2.5	Pass
					3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-8.397	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-9.856	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-13.576	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-19.112	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-19.155	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-15.678	-0.0092	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-12.989	-0.0075	-2.5 to 2.5	Pass
					3.85	-10.557	-0.0061	-2.5 to 2.5	Pass
					4.43	-8.311	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	10.757	0.0061	-2.5 to 2.5	Pass
					3.85	12.259	0.0070	-2.5 to 2.5	Pass
					4.43	13.318	0.0076	-2.5 to 2.5	Pass
				-30	3.85	9.813	0.0056	-2.5 to 2.5	Pass
				-20	3.85	9.370	0.0053	-2.5 to 2.5	Pass
				-10	3.85	6.123	0.0035	-2.5 to 2.5	Pass
				0	3.85	6.294	0.0036	-2.5 to 2.5	Pass
				10	3.85	4.020	0.0023	-2.5 to 2.5	Pass



				30	3.85	10.357	0.0059	-2.5 to 2.5	Pass
				40	3.85	9.642	0.0055	-2.5 to 2.5	Pass
				50	3.85	6.394	0.0036	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-13.332	-0.0078	-2.5 to 2.5	Pass
					3.85	-11.702	-0.0068	-2.5 to 2.5	Pass
					4.43	-8.512	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.891	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.458	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	4.992	0.0028	-2.5 to 2.5	Pass
					3.85	4.306	0.0025	-2.5 to 2.5	Pass
					4.43	2.217	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0001	-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	-1.116	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.329	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass



				-20	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
					4.43	0.215	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-0.386	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.629	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.415	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.815	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.801	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.315	-0.0002	-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	0.801	0.0005	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.488	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.531	0.0009	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	1.273	0.0007	-2.5 to 2.5	Pass
					3.85	1.502	0.0009	-2.5 to 2.5	Pass
					4.43	1.087	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				-10	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	0.501	0.0003	-2.5 to 2.5	Pass
					3.85	2.089	0.0012	-2.5 to 2.5	Pass
					4.43	1.845	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.861	0.0016	-2.5 to 2.5	Pass
				40	3.85	2.475	0.0014	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	0.858	0.0005	-2.5 to 2.5	Pass
					4.43	2.260	0.0013	-2.5 to 2.5	Pass
				-30	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				-20	3.85	2.875	0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				30	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				50	3.85	2.060	0.0012	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	1.144	0.0007	-2.5 to 2.5	Pass
					3.85	1.302	0.0008	-2.5 to 2.5	Pass
					4.43	1.230	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	2.089	0.0012	-2.5 to 2.5	Pass
					3.85	1.831	0.0010	-2.5 to 2.5	Pass
					4.43	1.373	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.074	0.0012	-2.5 to 2.5	Pass



				-20	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.401	0.0002	-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	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.329	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.429	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
	1732.5	50	0	50	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				20	3.27	-0.944	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
	1750	50	0	40	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				20	3.27	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	0.958	0.0005	-2.5 to 2.5	Pass
					4.43	0.658	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
16QAM	1715	27	0	30	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				20	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.772	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.043	0.0000	-2.5 to 2.5	Pass



	1732.5	27	0	20	3.27	-0.787	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
	1750	27	23	50	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				20	3.27	0.601	0.0003	-2.5 to 2.5	Pass
					3.85	0.587	0.0003	-2.5 to 2.5	Pass
					4.43	0.515	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0004	-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	0.029	0.0000	-2.5 to 2.5	Pass
					3.85	0.129	0.0001	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
	1732.5	75	0	50	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				20	3.27	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				20	3.27	-0.901	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass



16QAM				10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
	1717.5	27	0	20	3.27	1.945	0.0011	-2.5 to 2.5	Pass
					3.85	0.987	0.0006	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.574	0.0009	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	2.017	0.0012	-2.5 to 2.5	Pass
					3.85	1.330	0.0008	-2.5 to 2.5	Pass
					4.43	0.243	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.488	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				50	3.85	1.531	0.0009	-2.5 to 2.5	Pass
	1747.5	27	48	20	3.27	-2.675	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.302	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.046	-0.0012	-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	-1.802	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.575	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-3.819	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.161	-0.0018	-2.5 to 2.5	Pass



				-30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.275	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.432	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	-0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.172	0.0001	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	-1.087	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
	1745	27	73	20	3.27	-4.435	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result



3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
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 / NTV						
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 / NTV						
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	27	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTV						
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	27	0	Refer To Test Graph		Pass

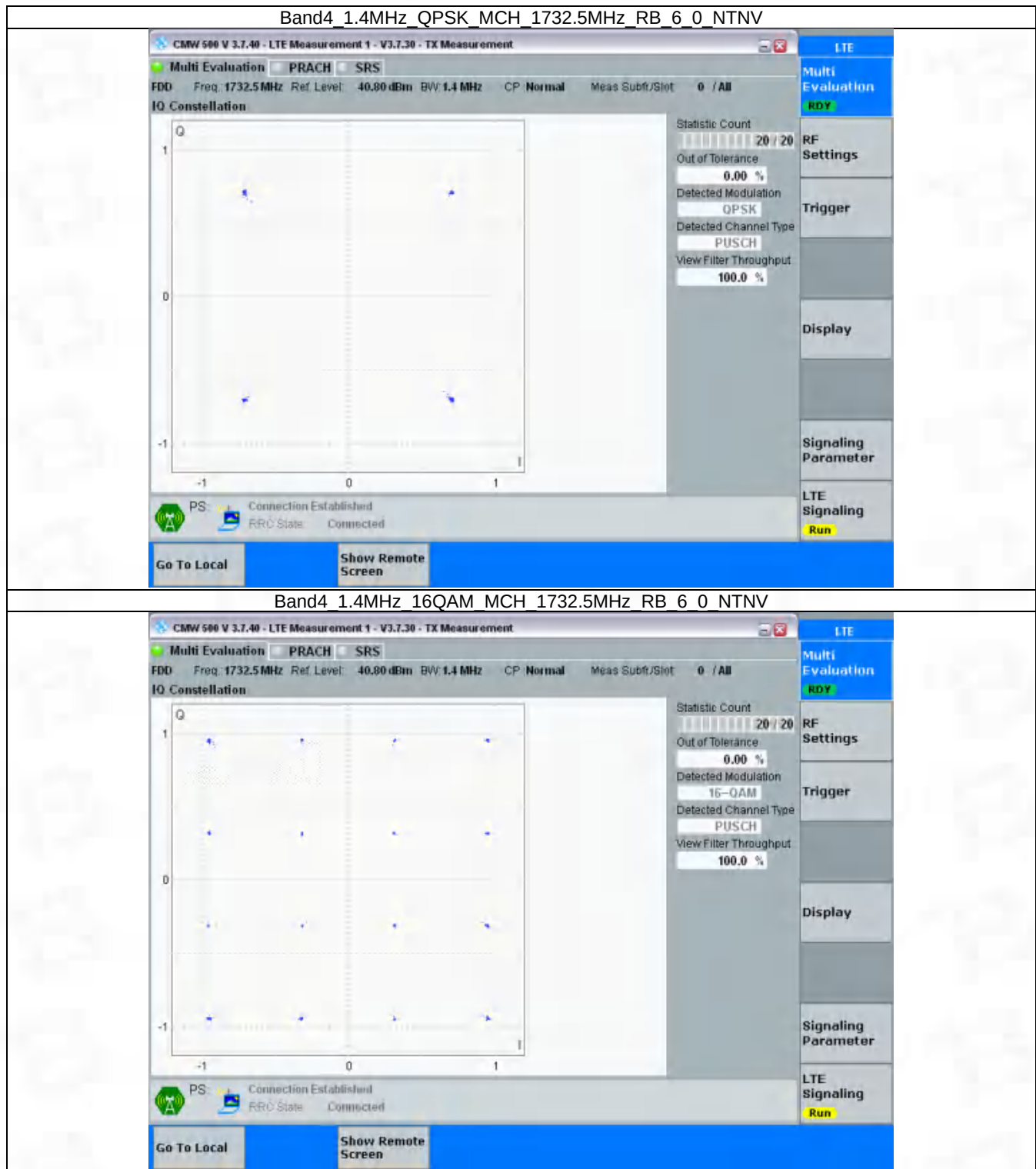
3.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTVN						
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	27	0	Refer To Test Graph		Pass



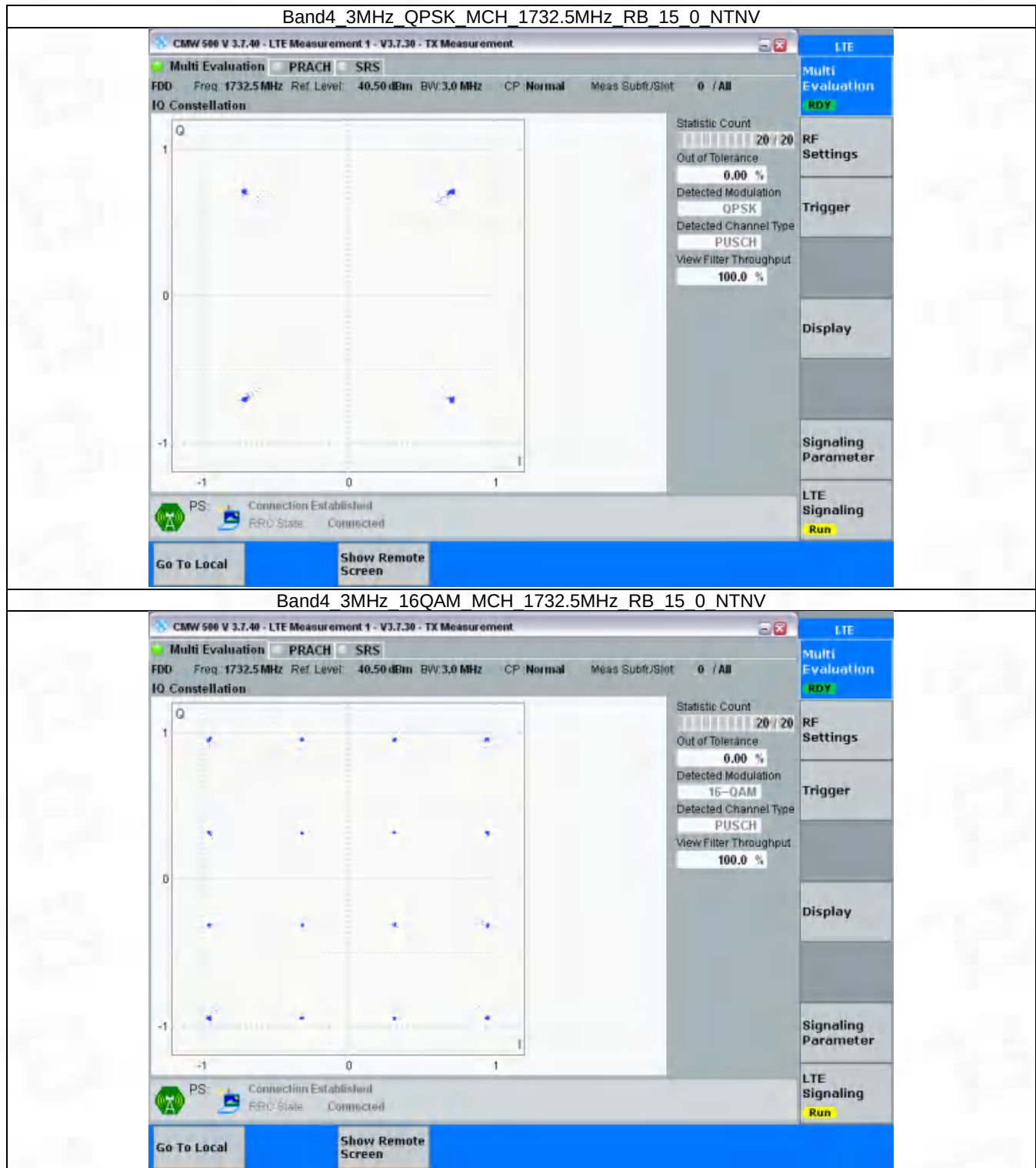
3.2 Test Graph

3.2.1 B4_1.4MHz



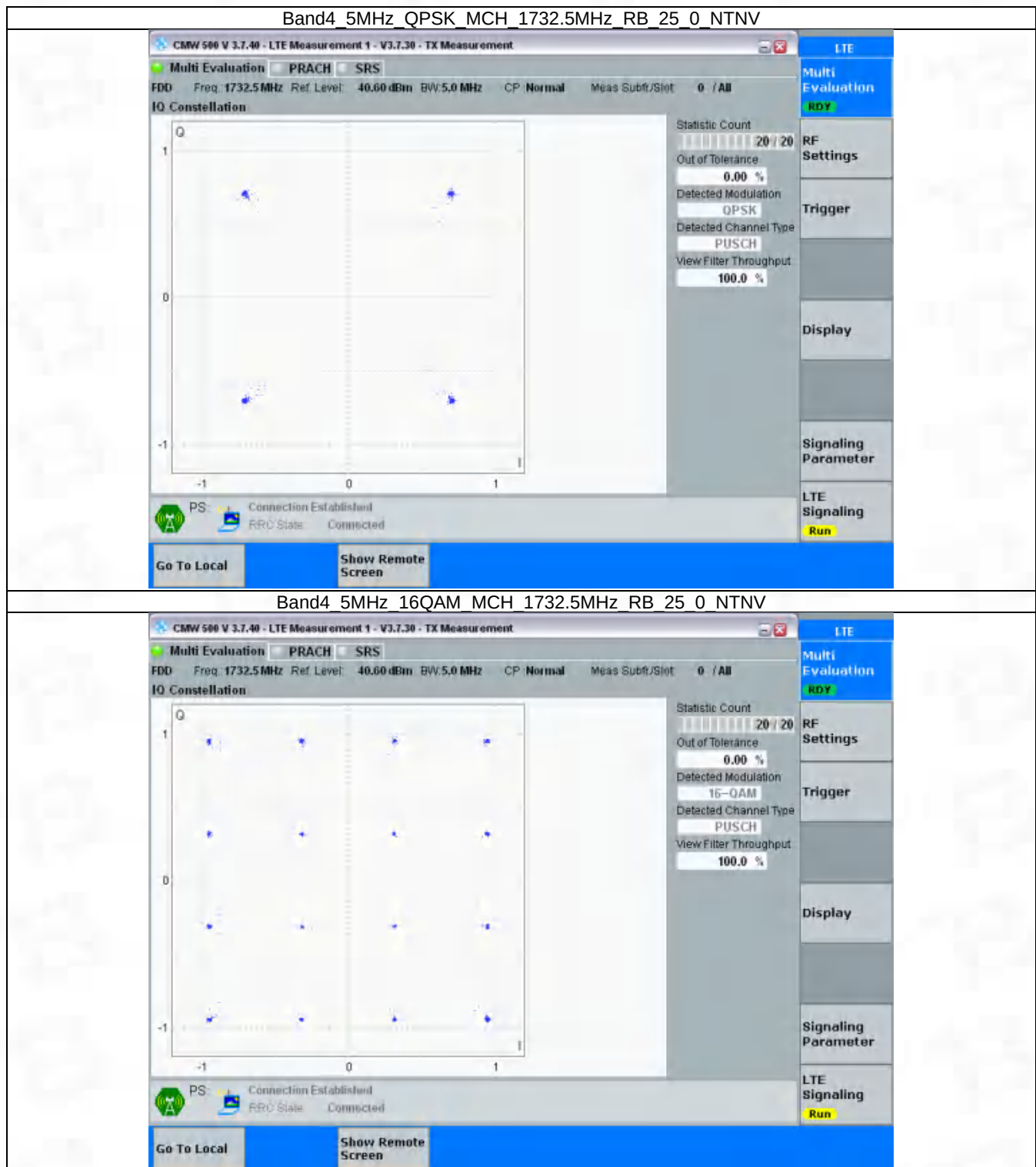


3.2.2 B4_3MHz



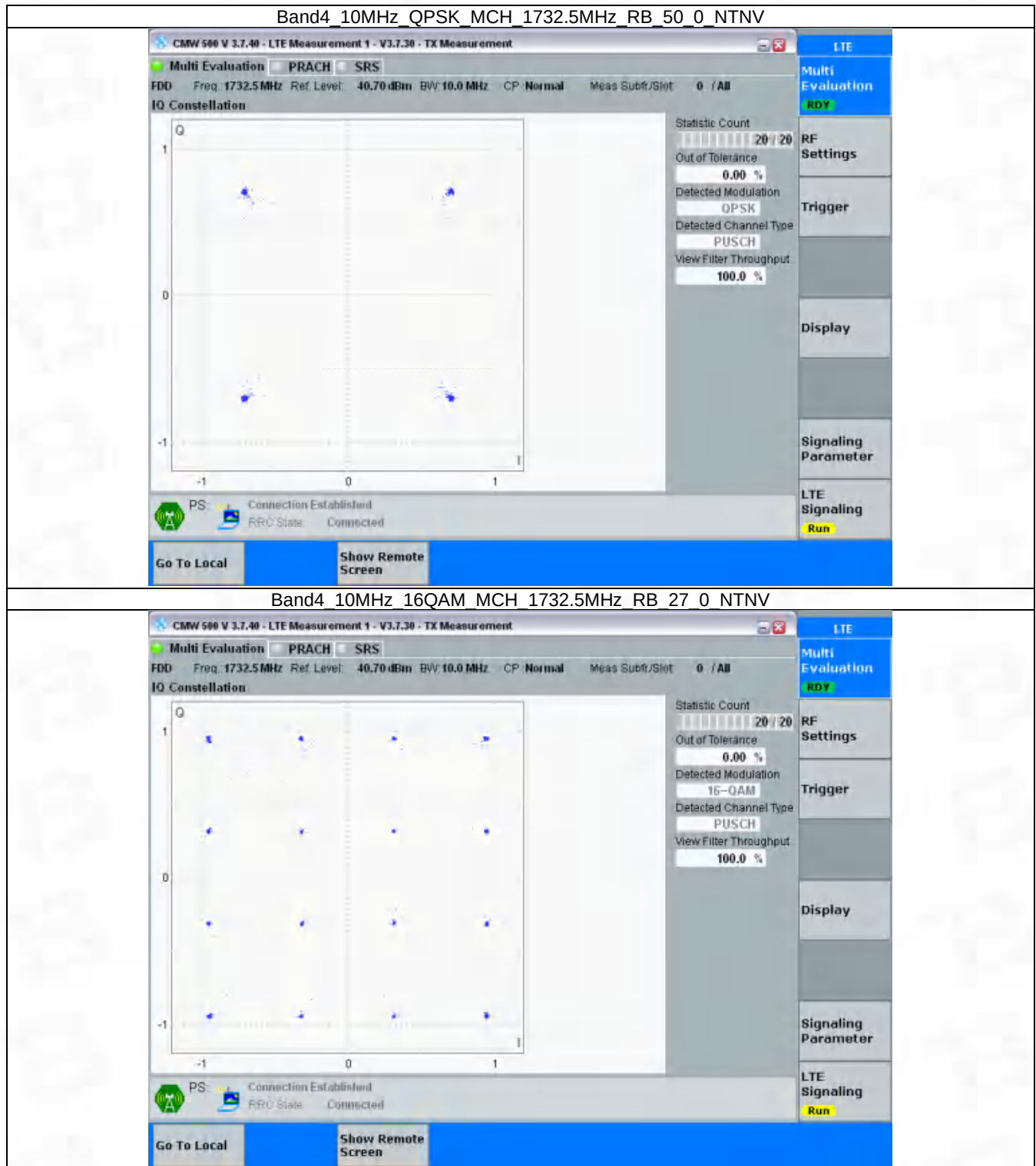


3.2.3 B4_5MHz



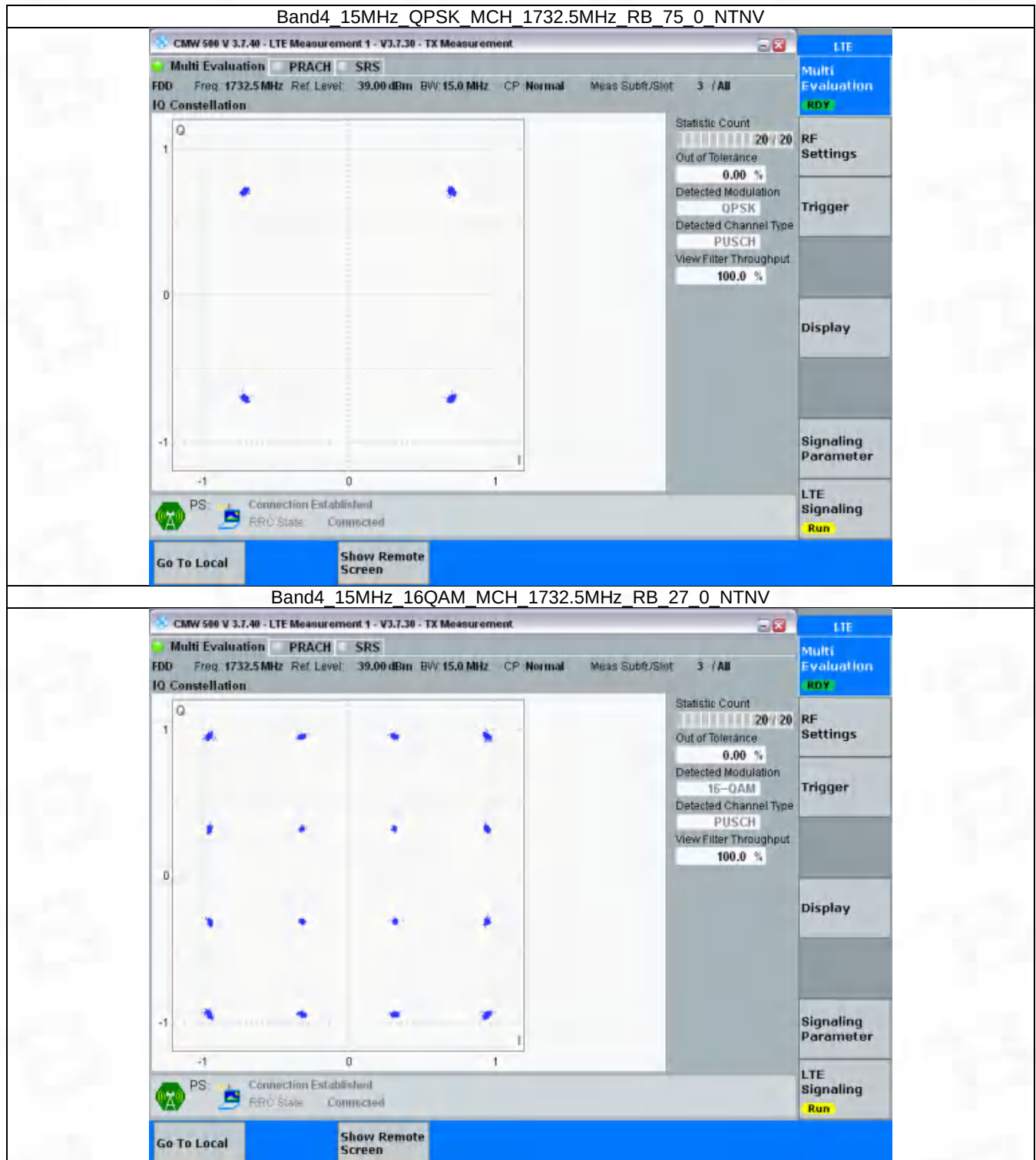


3.2.4 B4_10MHz



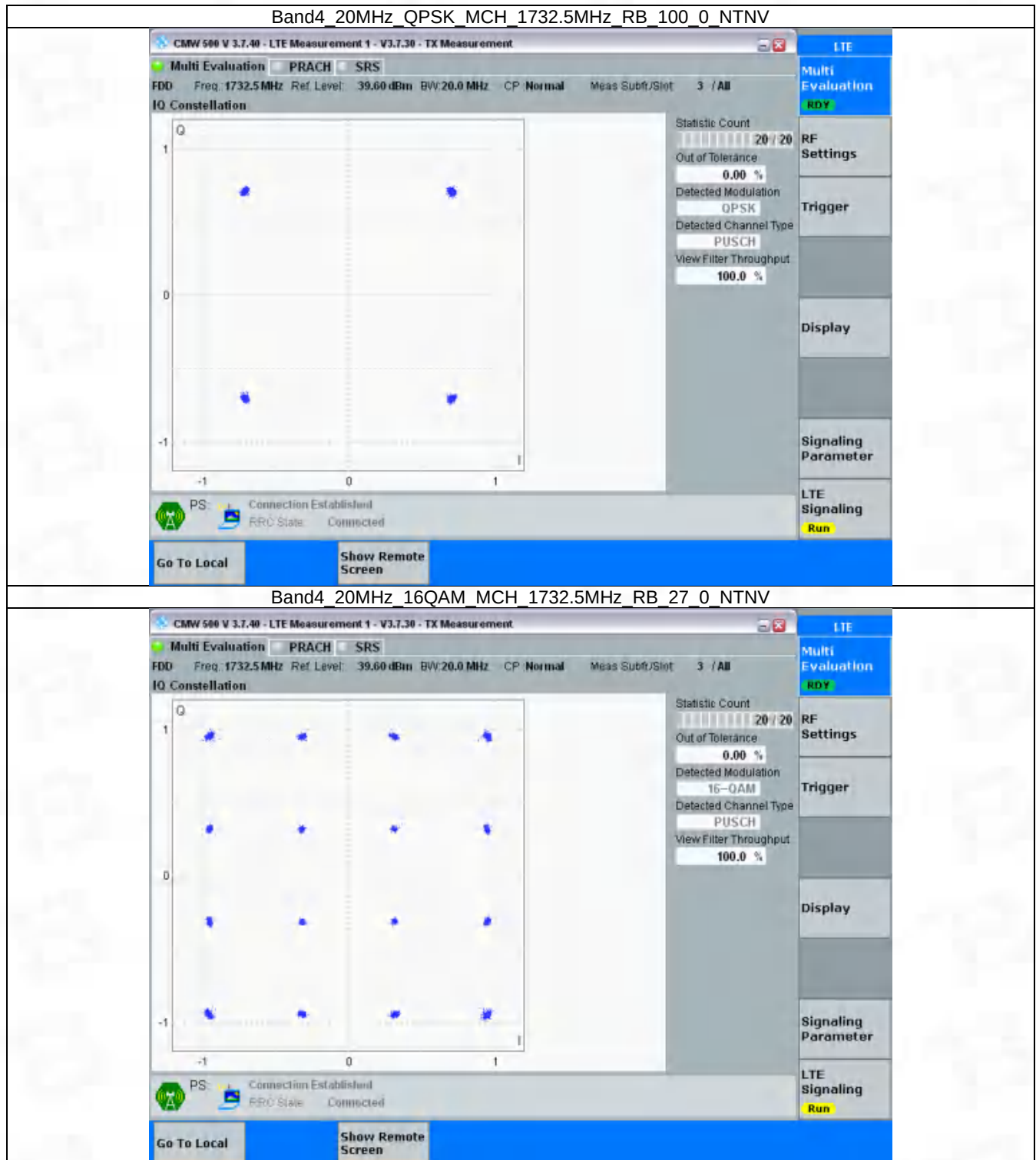


3.2.5 B4_15MHz





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	1.116	/	Pass
		1732.5	6	0	1.128	/	Pass
		1754.3	6	0	1.121	/	Pass
	16QAM	1710.7	6	0	1.132	/	Pass
		1732.5	6	0	1.119	/	Pass
		1754.3	6	0	1.123	/	Pass
3	QPSK	1711.5	15	0	2.759	/	Pass
		1732.5	15	0	2.746	/	Pass
		1753.5	15	0	2.747	/	Pass
	16QAM	1711.5	15	0	2.763	/	Pass
		1732.5	15	0	2.742	/	Pass
		1753.5	15	0	2.757	/	Pass
5	QPSK	1712.5	25	0	4.570	/	Pass
		1732.5	25	0	4.546	/	Pass
		1752.5	25	0	4.563	/	Pass
	16QAM	1712.5	25	0	4.582	/	Pass
		1732.5	25	0	4.564	/	Pass
		1752.5	25	0	4.580	/	Pass
10	QPSK	1715	50	0	9.095	/	Pass
		1732.5	50	0	9.099	/	Pass
		1750	50	0	9.073	/	Pass
	16QAM	1715	27	0	5.156	/	Pass
		1732.5	27	0	5.157	/	Pass
		1750	27	23	5.151	/	Pass
15	QPSK	1717.5	75	0	13.598	/	Pass
		1732.5	75	0	13.641	/	Pass
		1747.5	75	0	13.652	/	Pass
	16QAM	1717.5	27	0	5.299	/	Pass
		1732.5	27	0	5.344	/	Pass
		1747.5	27	48	5.313	/	Pass
20	QPSK	1720	100	0	18.167	/	Pass
		1732.5	100	0	18.200	/	Pass
		1745	100	0	18.110	/	Pass
	16QAM	1720	27	0	5.580	/	Pass
		1732.5	27	0	5.539	/	Pass
		1745	27	73	5.524	/	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	1.425	/	Pass
		1732.5	6	0	1.419	/	Pass
		1754.3	6	0	1.398	/	Pass

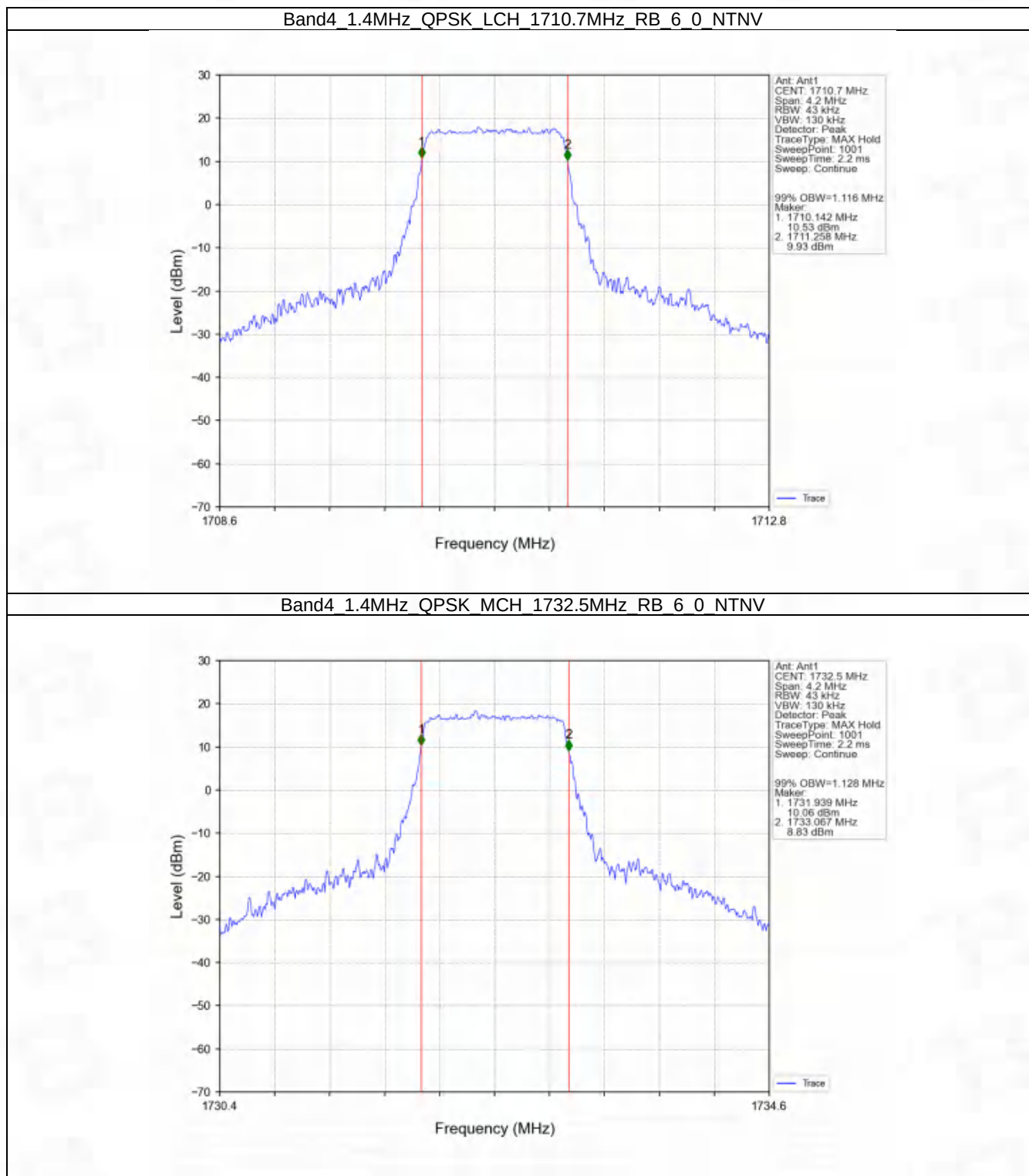


	16QAM	1710.7	6	0	1.432	/	Pass
		1732.5	6	0	1.378	/	Pass
		1754.3	6	0	1.411	/	Pass
3	QPSK	1711.5	15	0	3.121	/	Pass
		1732.5	15	0	3.104	/	Pass
		1753.5	15	0	3.154	/	Pass
	16QAM	1711.5	15	0	3.134	/	Pass
		1732.5	15	0	3.121	/	Pass
		1753.5	15	0	3.102	/	Pass
5	QPSK	1712.5	25	0	5.235	/	Pass
		1732.5	25	0	5.211	/	Pass
		1752.5	25	0	5.263	/	Pass
	16QAM	1712.5	25	0	5.257	/	Pass
		1732.5	25	0	5.190	/	Pass
		1752.5	25	0	5.259	/	Pass
10	QPSK	1715	50	0	10.093	/	Pass
		1732.5	50	0	10.192	/	Pass
		1750	50	0	10.209	/	Pass
	16QAM	1715	27	0	8.987	/	Pass
		1732.5	27	0	8.372	/	Pass
		1750	27	23	8.691	/	Pass
15	QPSK	1717.5	75	0	15.148	/	Pass
		1732.5	75	0	15.193	/	Pass
		1747.5	75	0	15.167	/	Pass
	16QAM	1717.5	27	0	6.401	/	Pass
		1732.5	27	0	6.387	/	Pass
		1747.5	27	48	6.560	/	Pass
20	QPSK	1720	100	0	20.173	/	Pass
		1732.5	100	0	20.208	/	Pass
		1745	100	0	20.214	/	Pass
	16QAM	1720	27	0	7.044	/	Pass
		1732.5	27	0	6.892	/	Pass
		1745	27	73	7.009	/	Pass



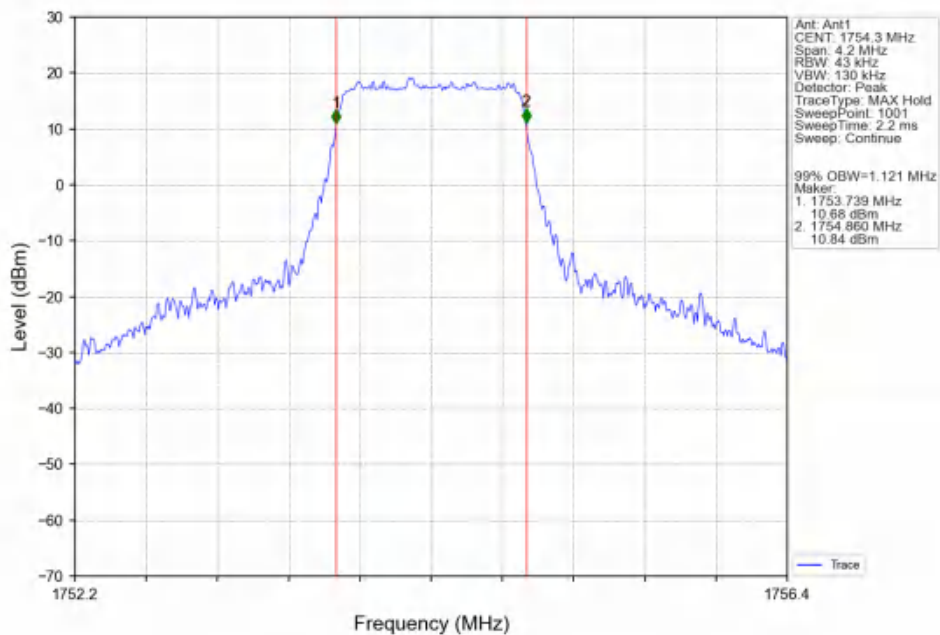
4.2 Test Graph

4.2.1 Band4_OBW

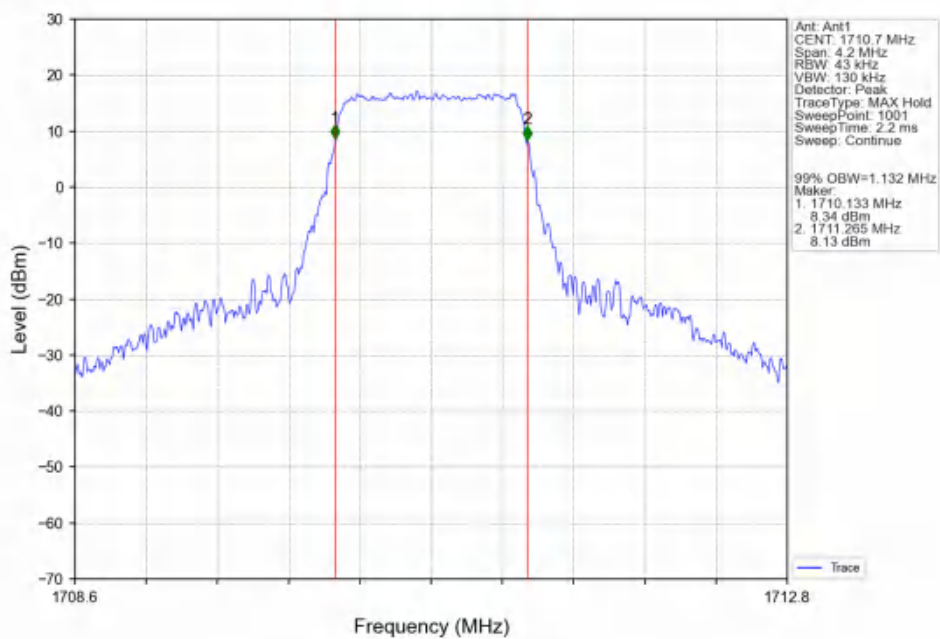




Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV

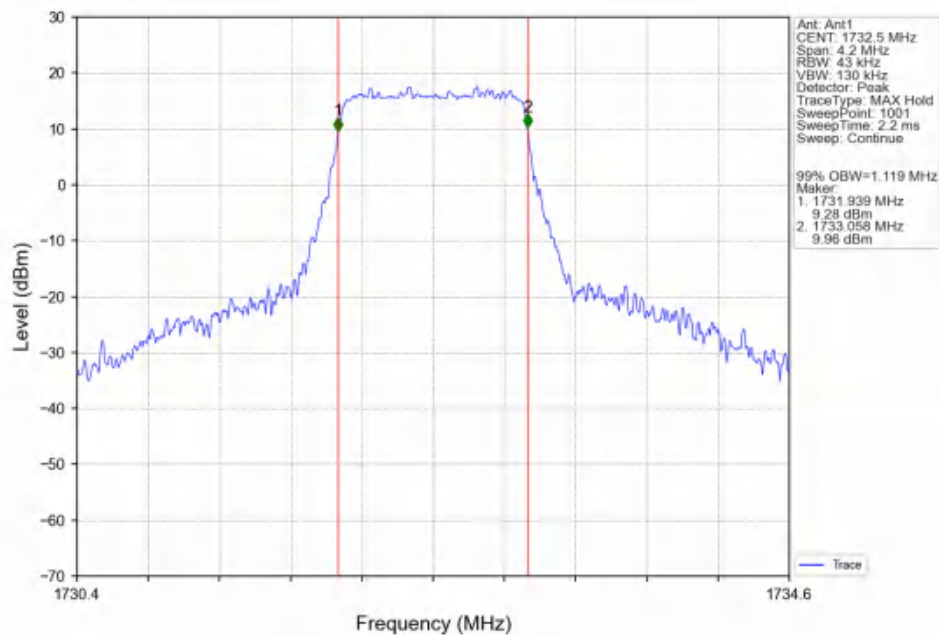


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

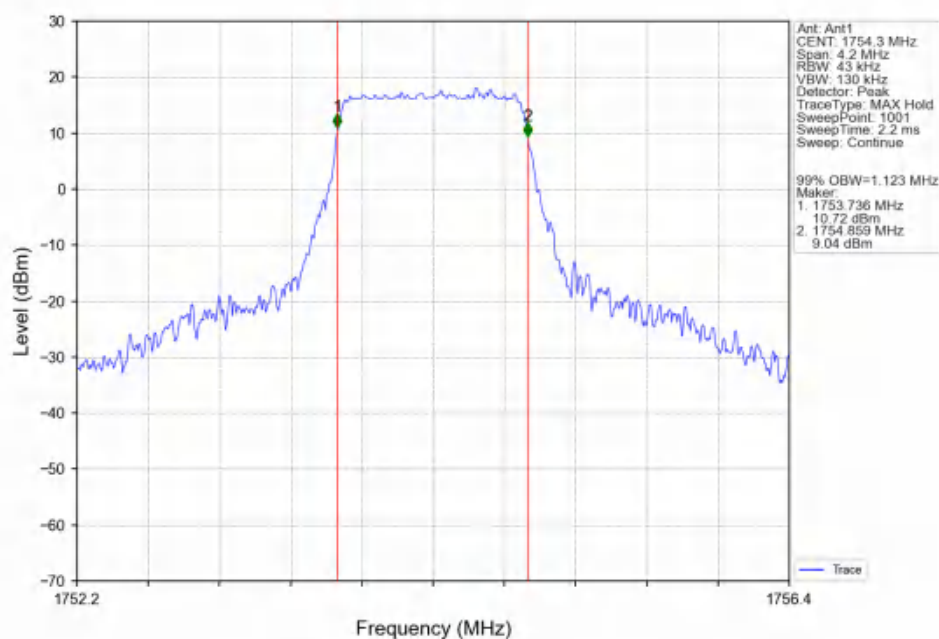




Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV

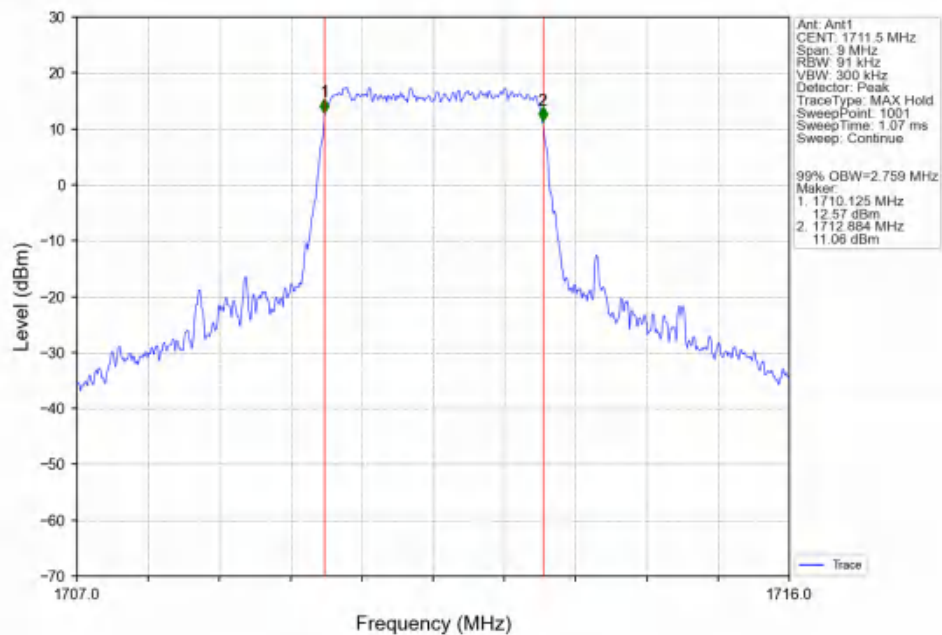


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV

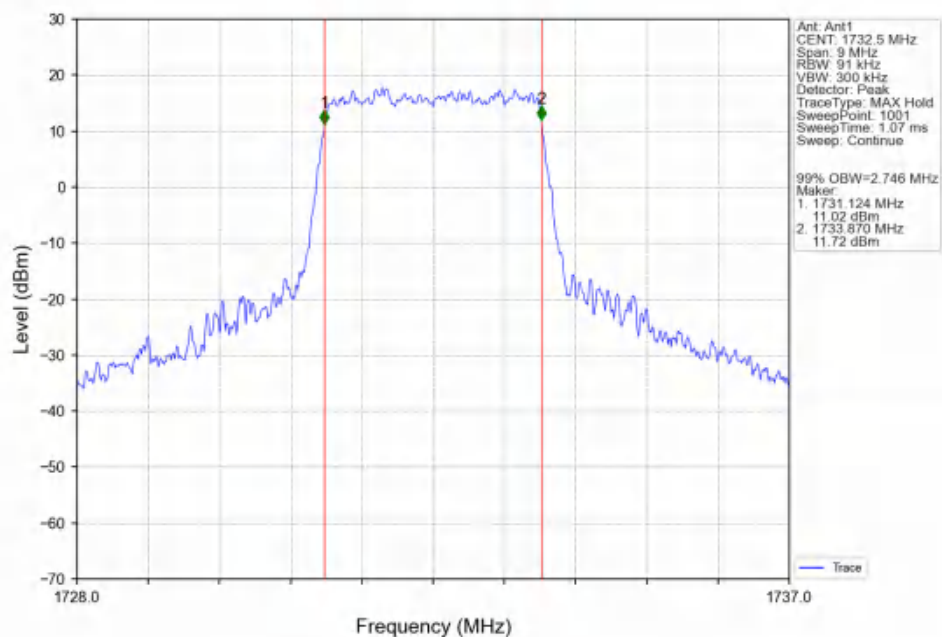




Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

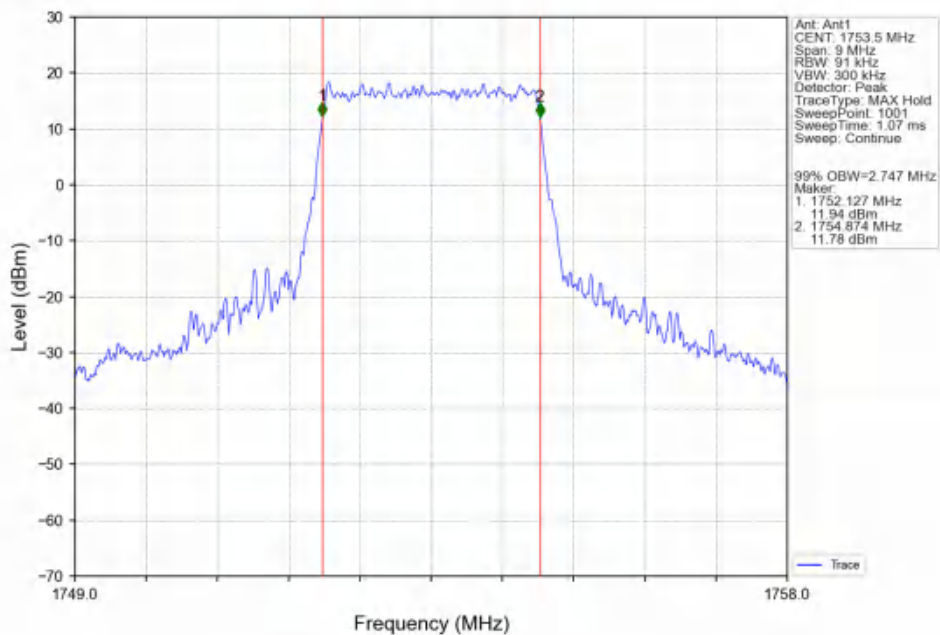


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTN

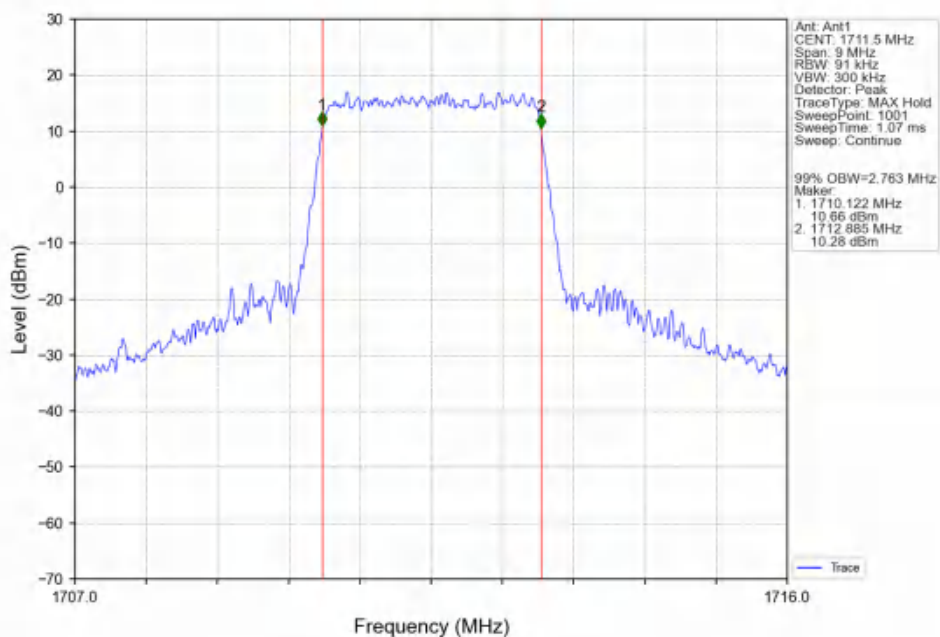




Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTN

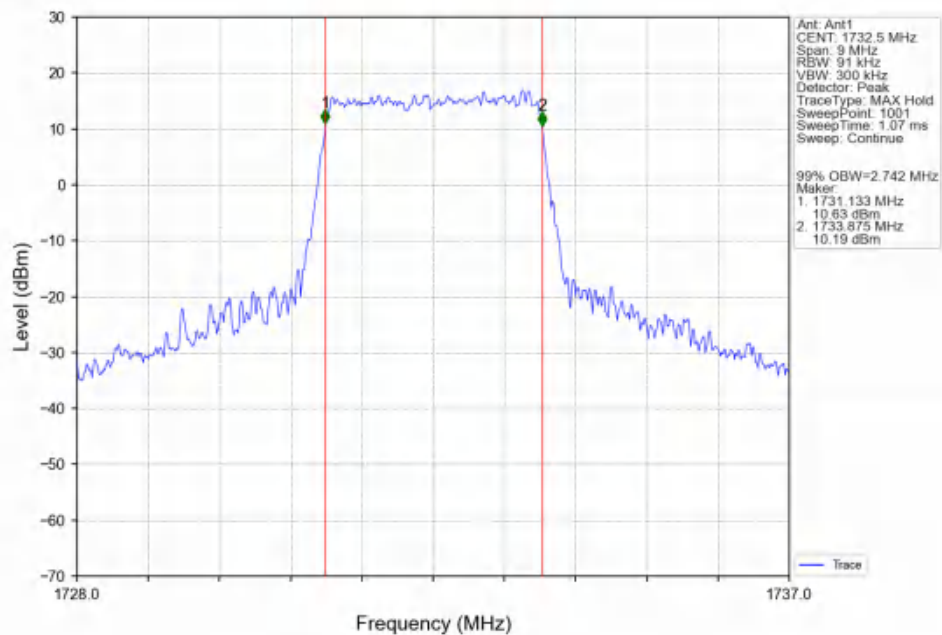


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTN

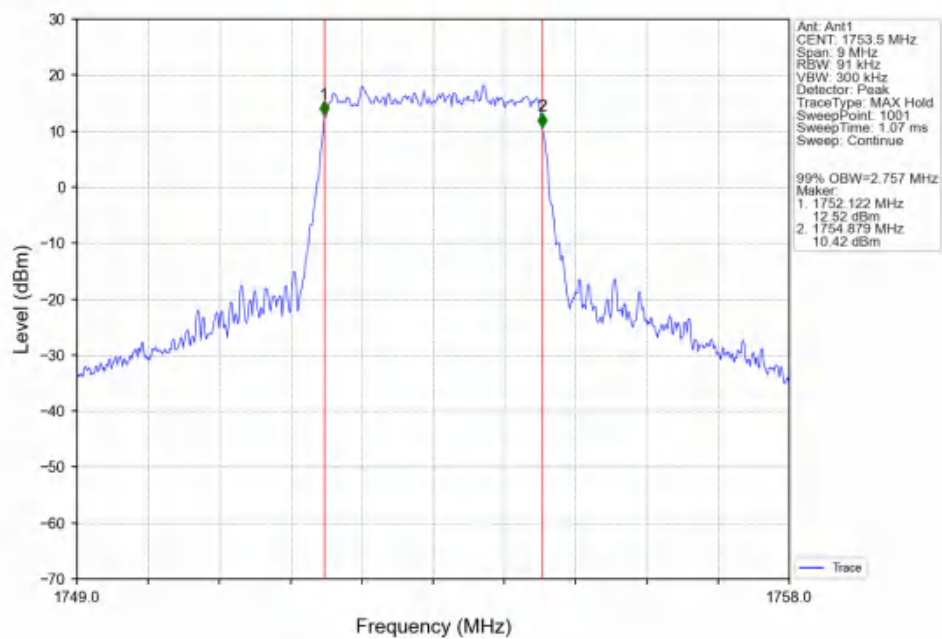




Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV

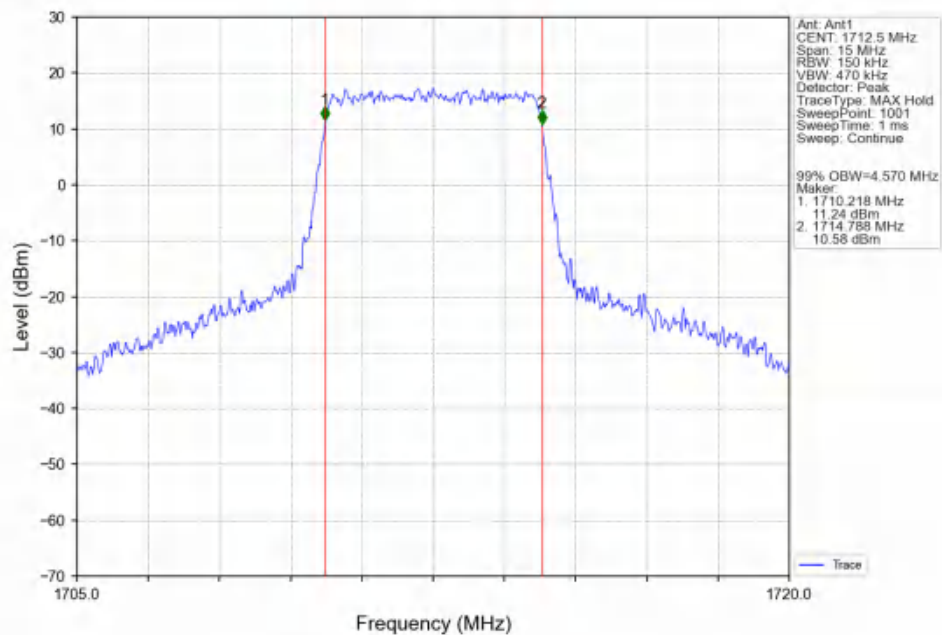


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

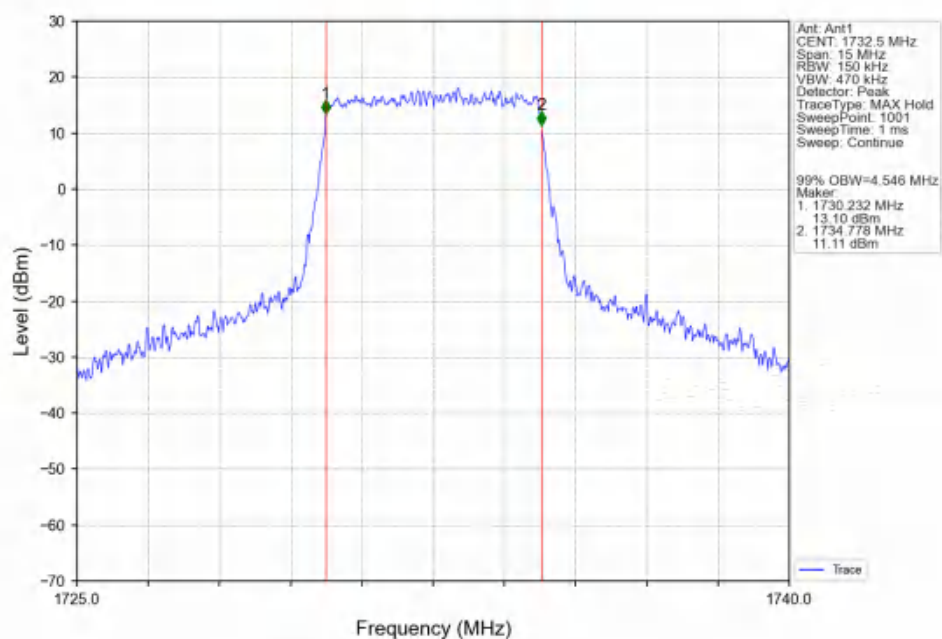




Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

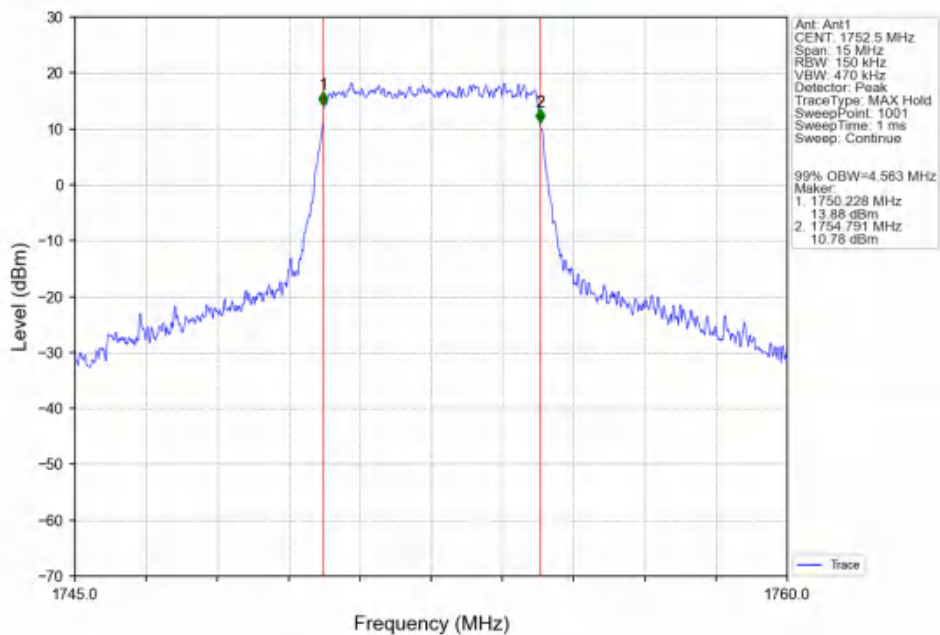


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTN

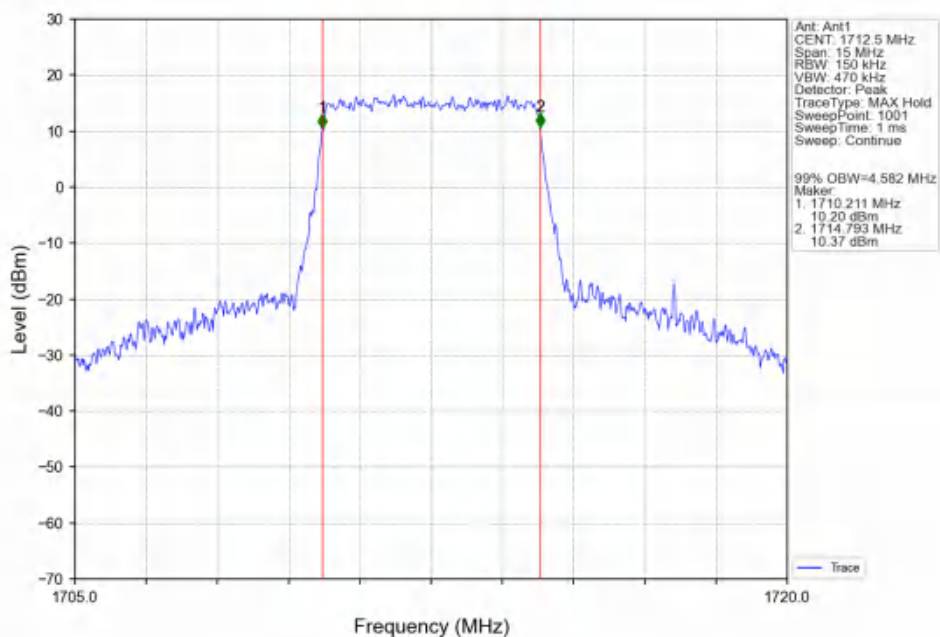




Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTN

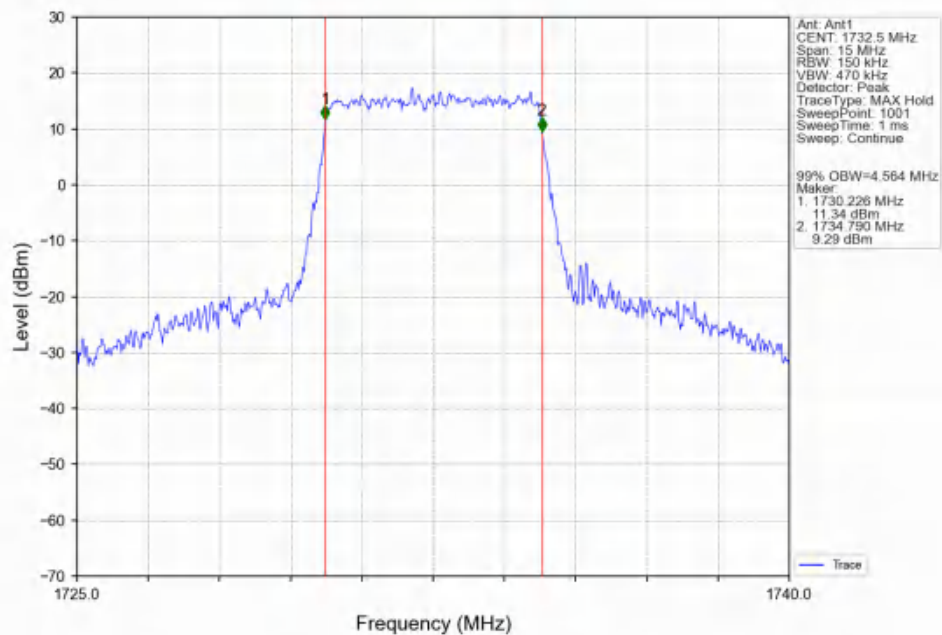


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTN

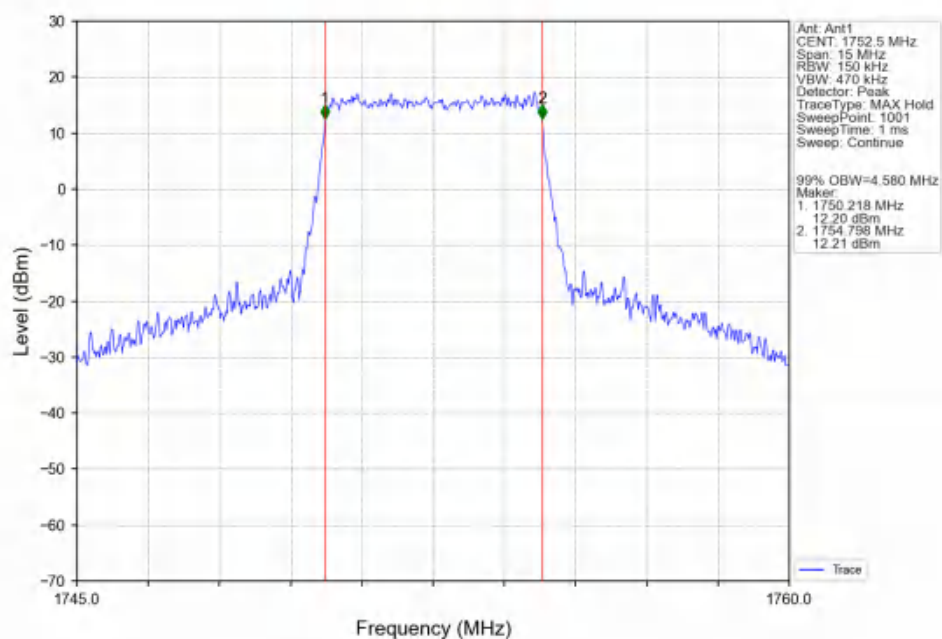




Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

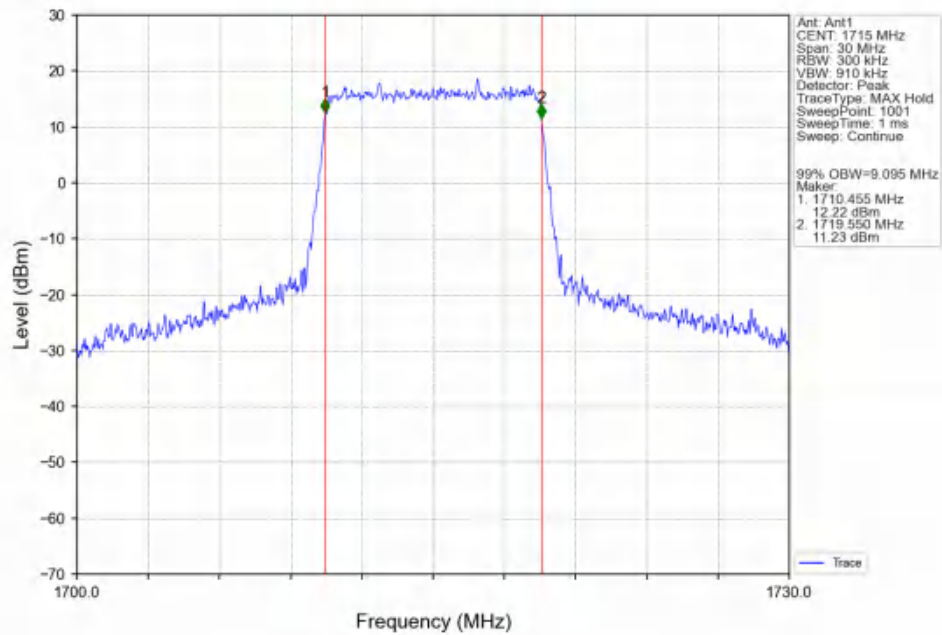


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

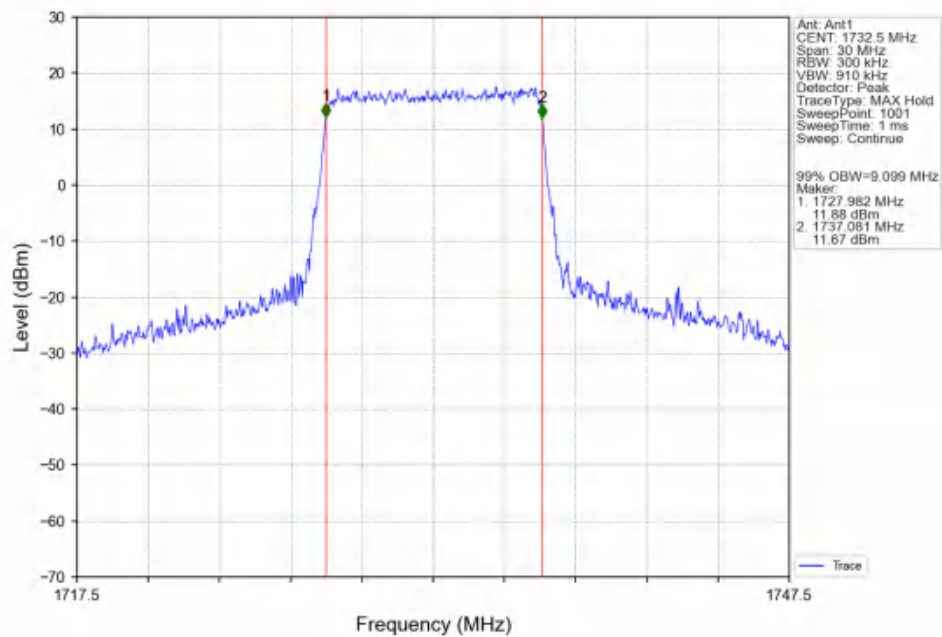




Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

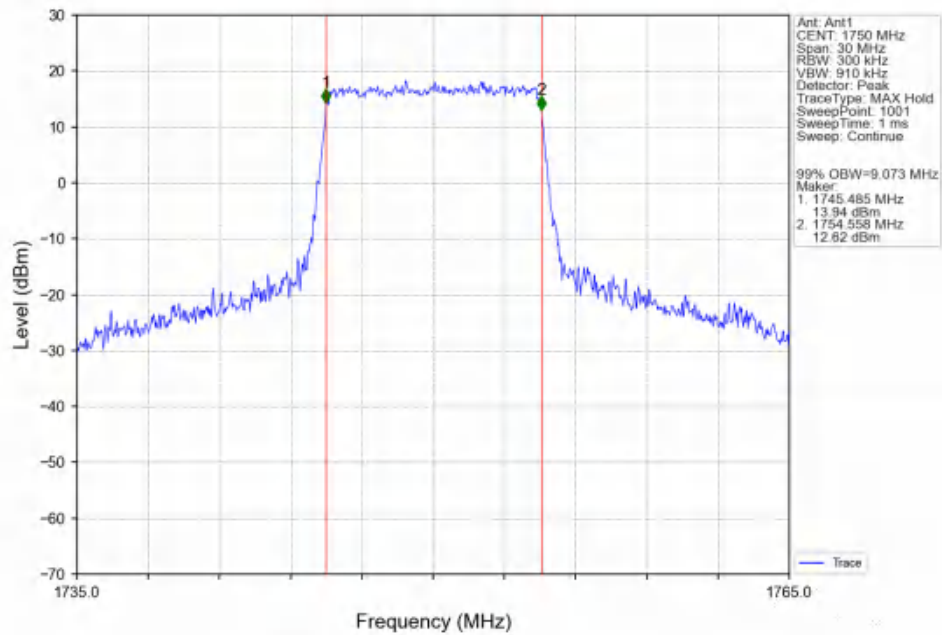


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

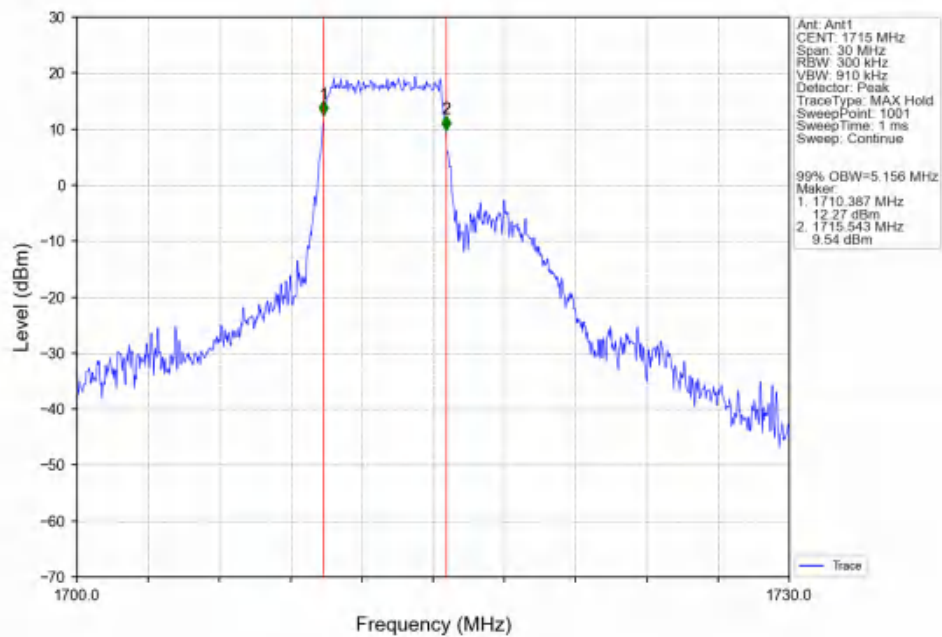




Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN

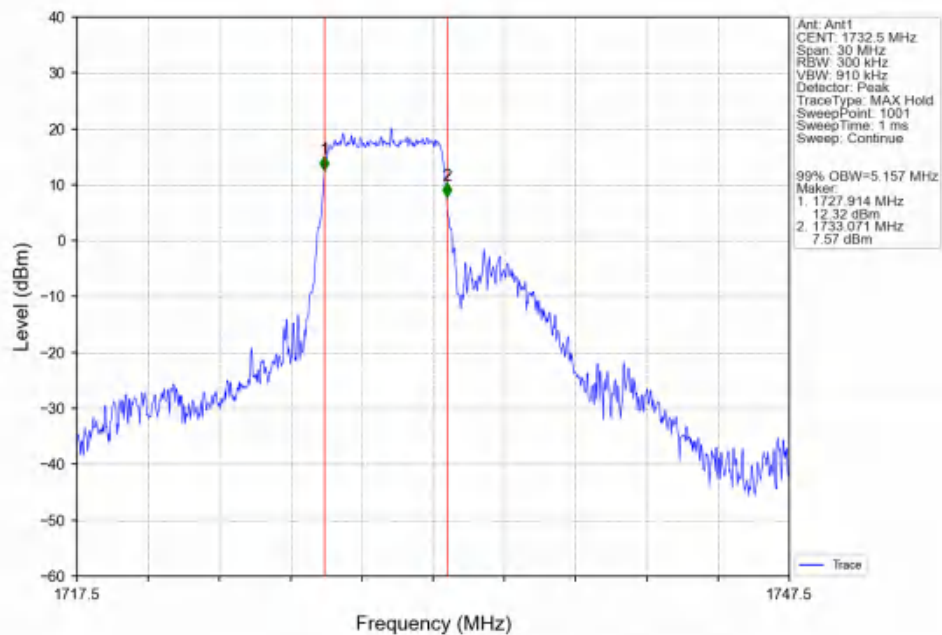


Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0 NTN

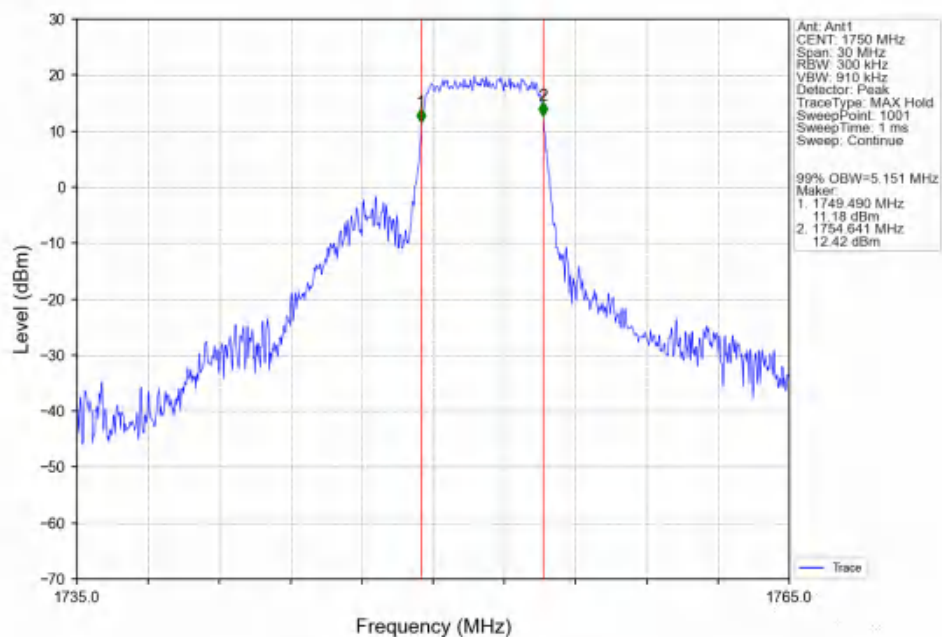




Band4 10MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV

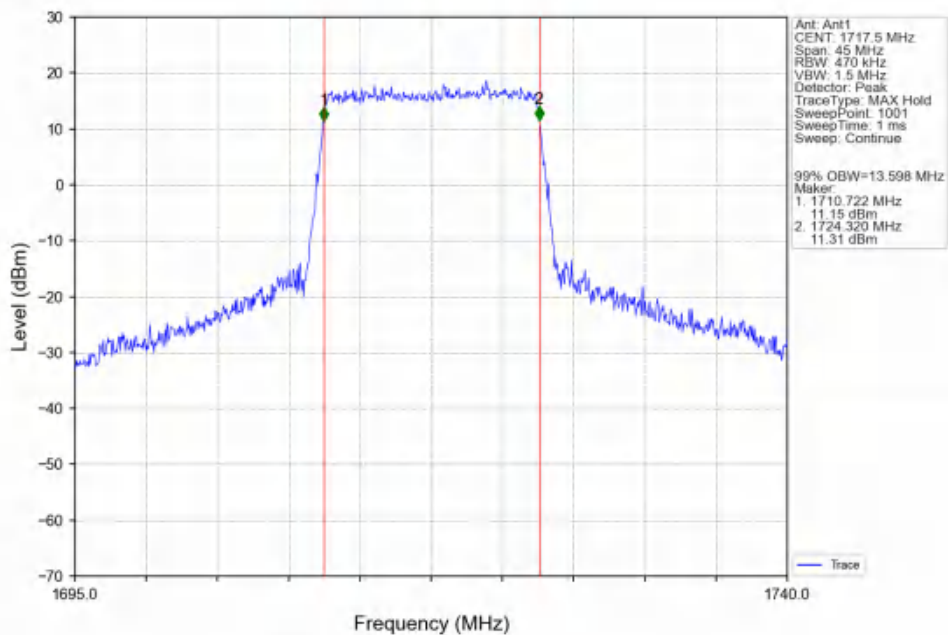


Band4 10MHz 16QAM HCH 1750MHz RB 27 23 NTNV

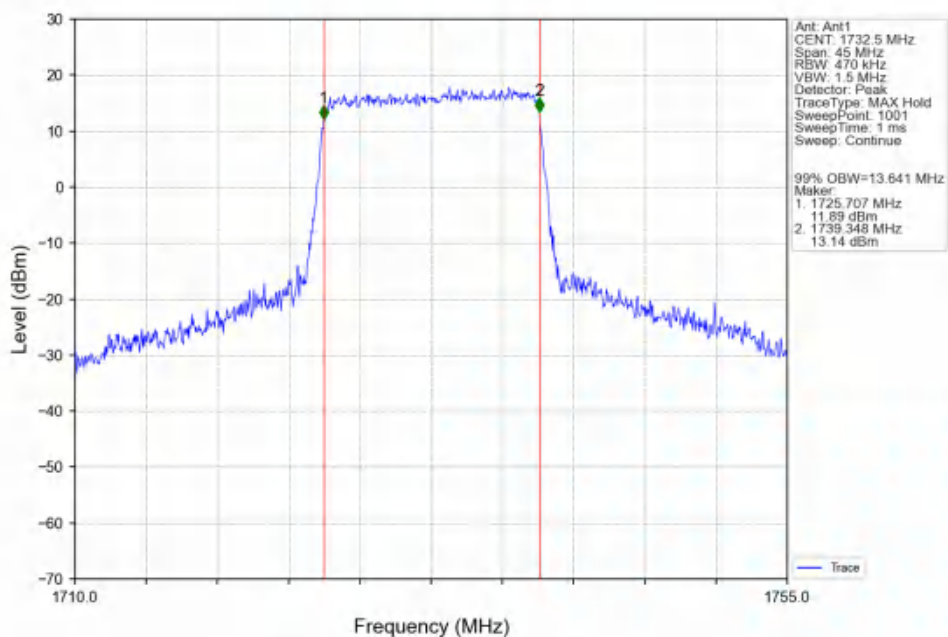




Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

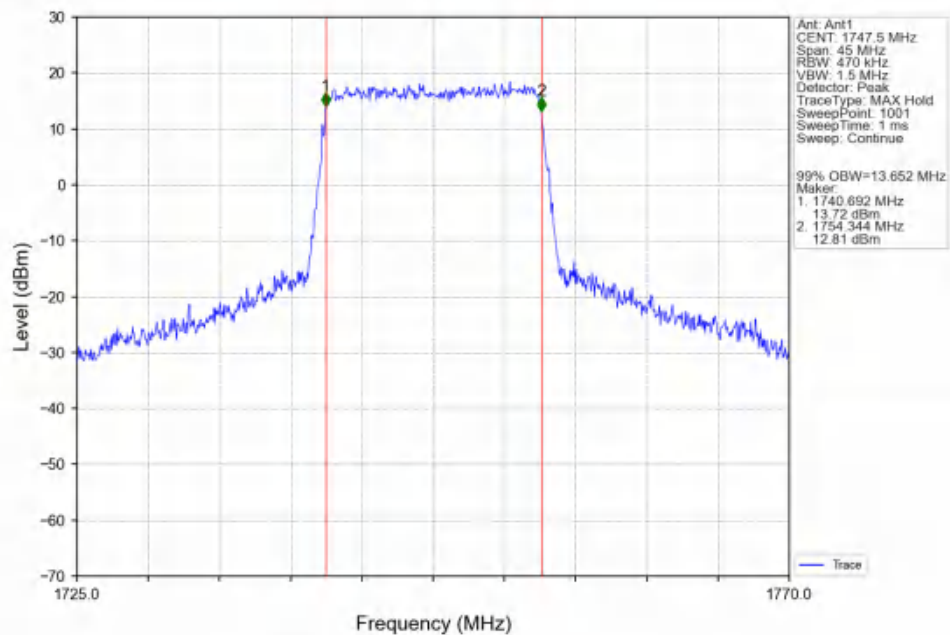


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

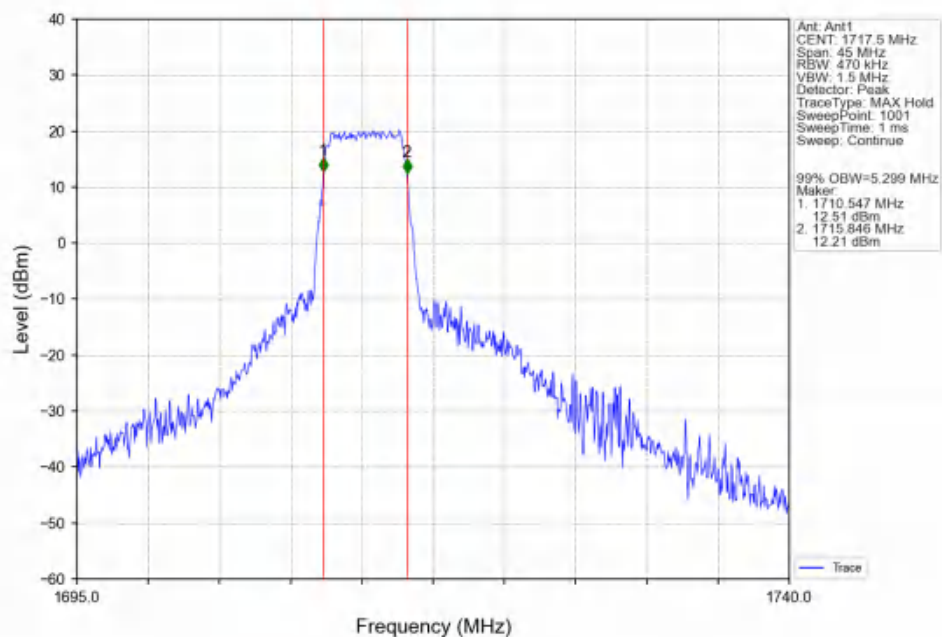




Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

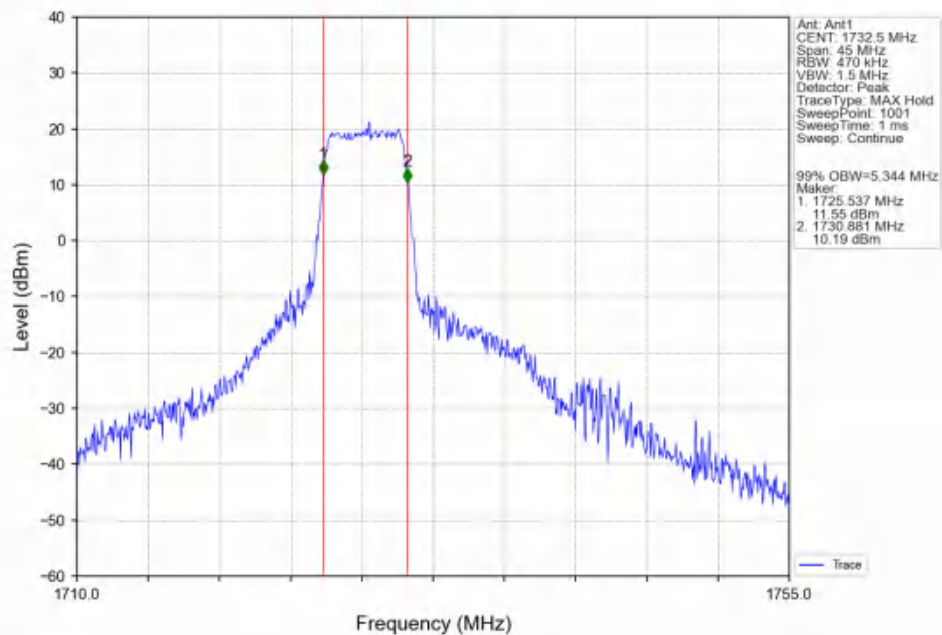


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV

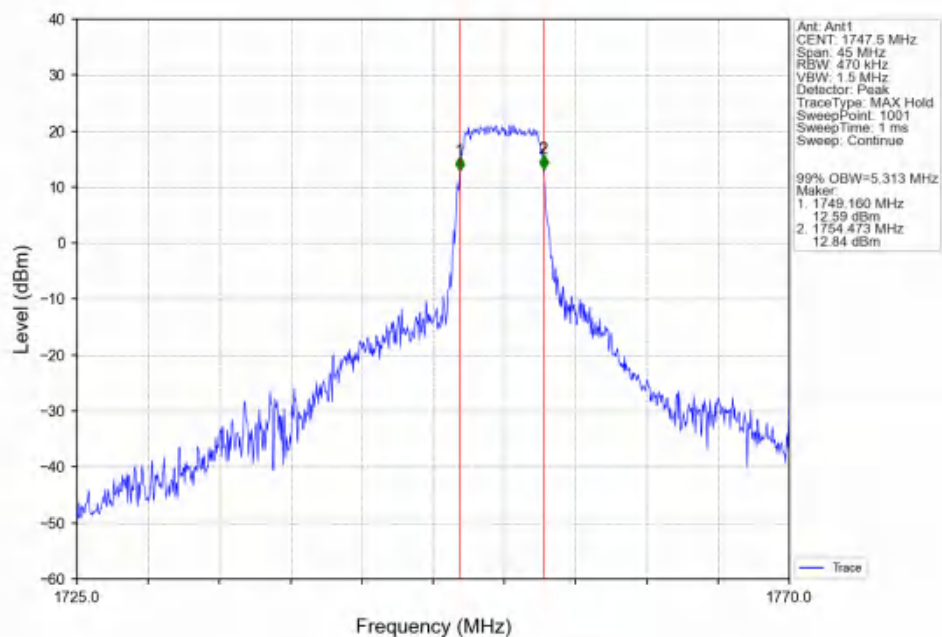




Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV

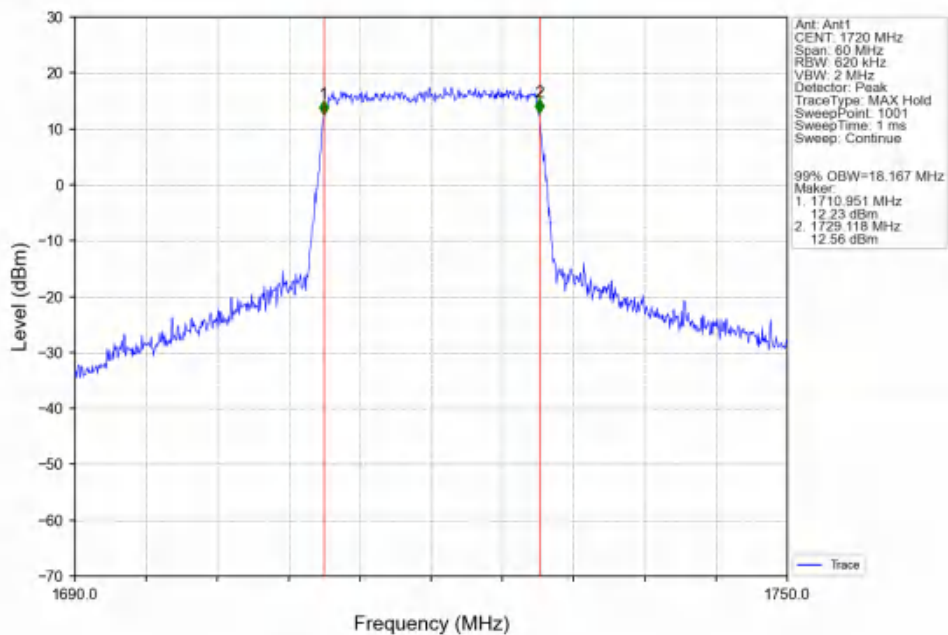


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV

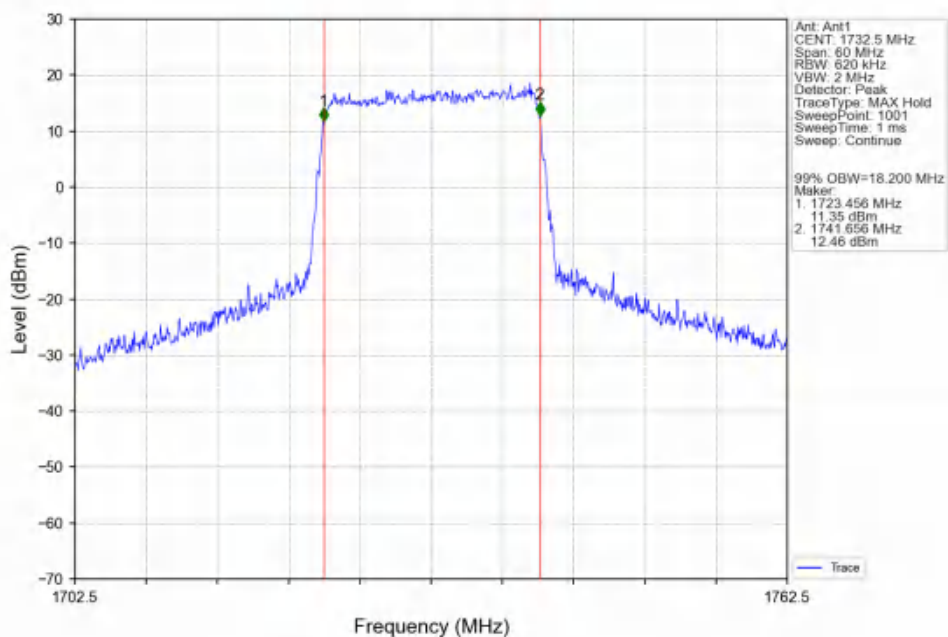




Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

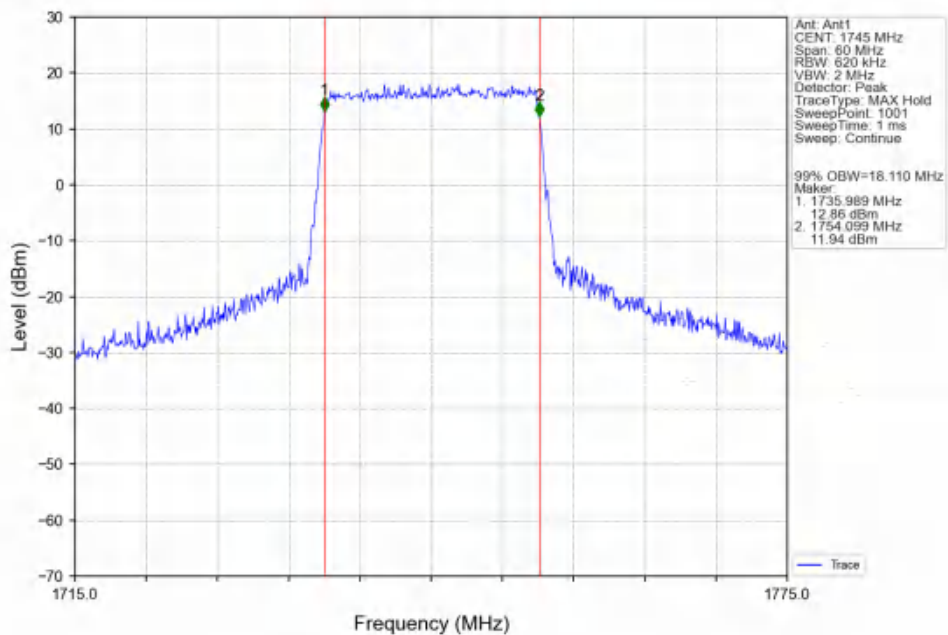


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

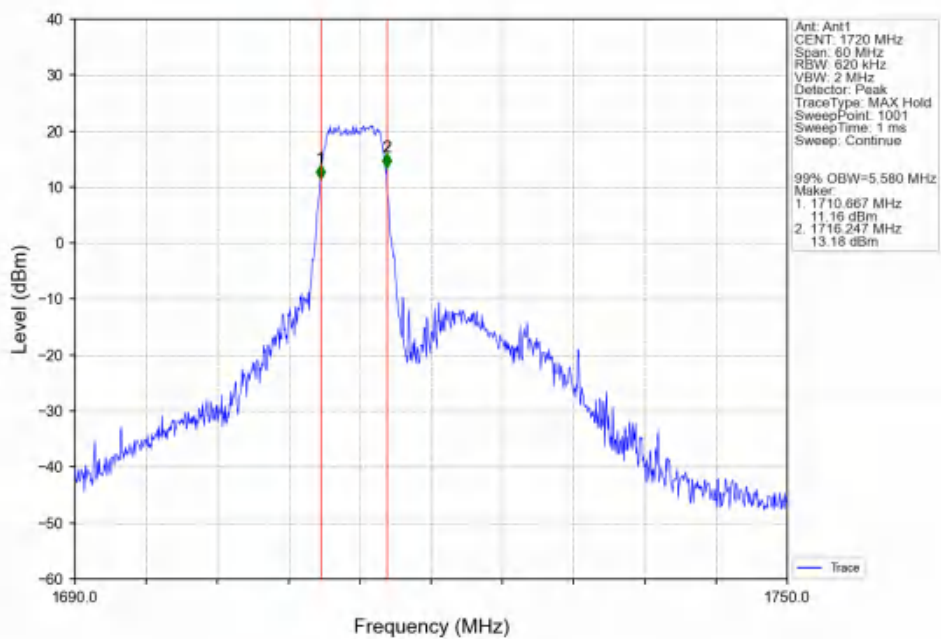




Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV

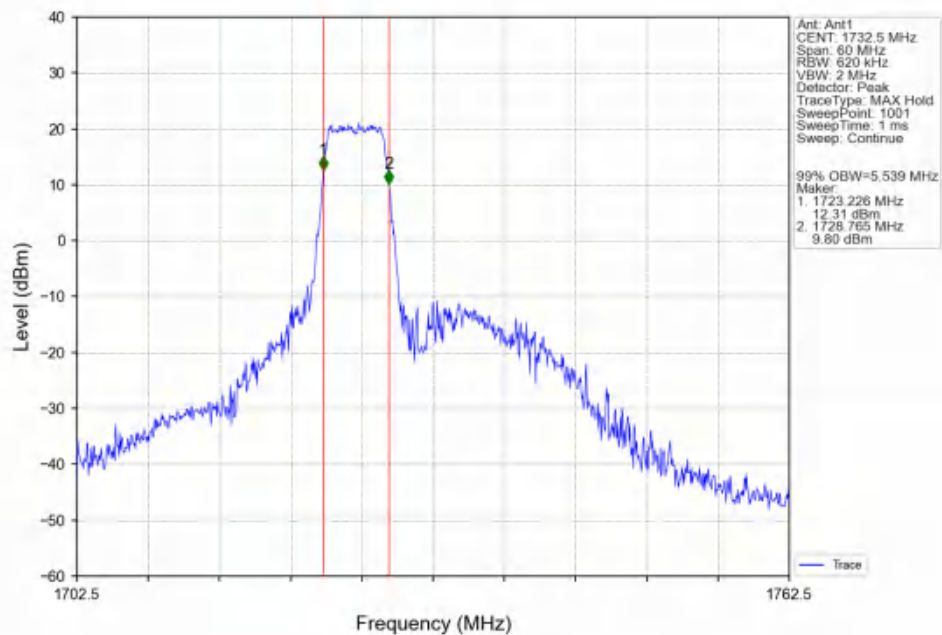


Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV

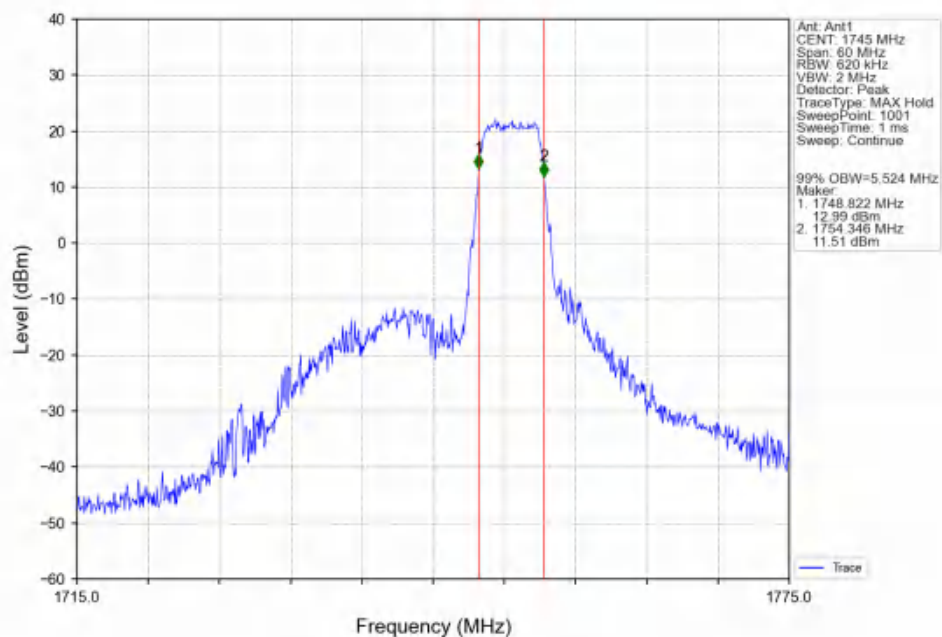




Band4 20MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV

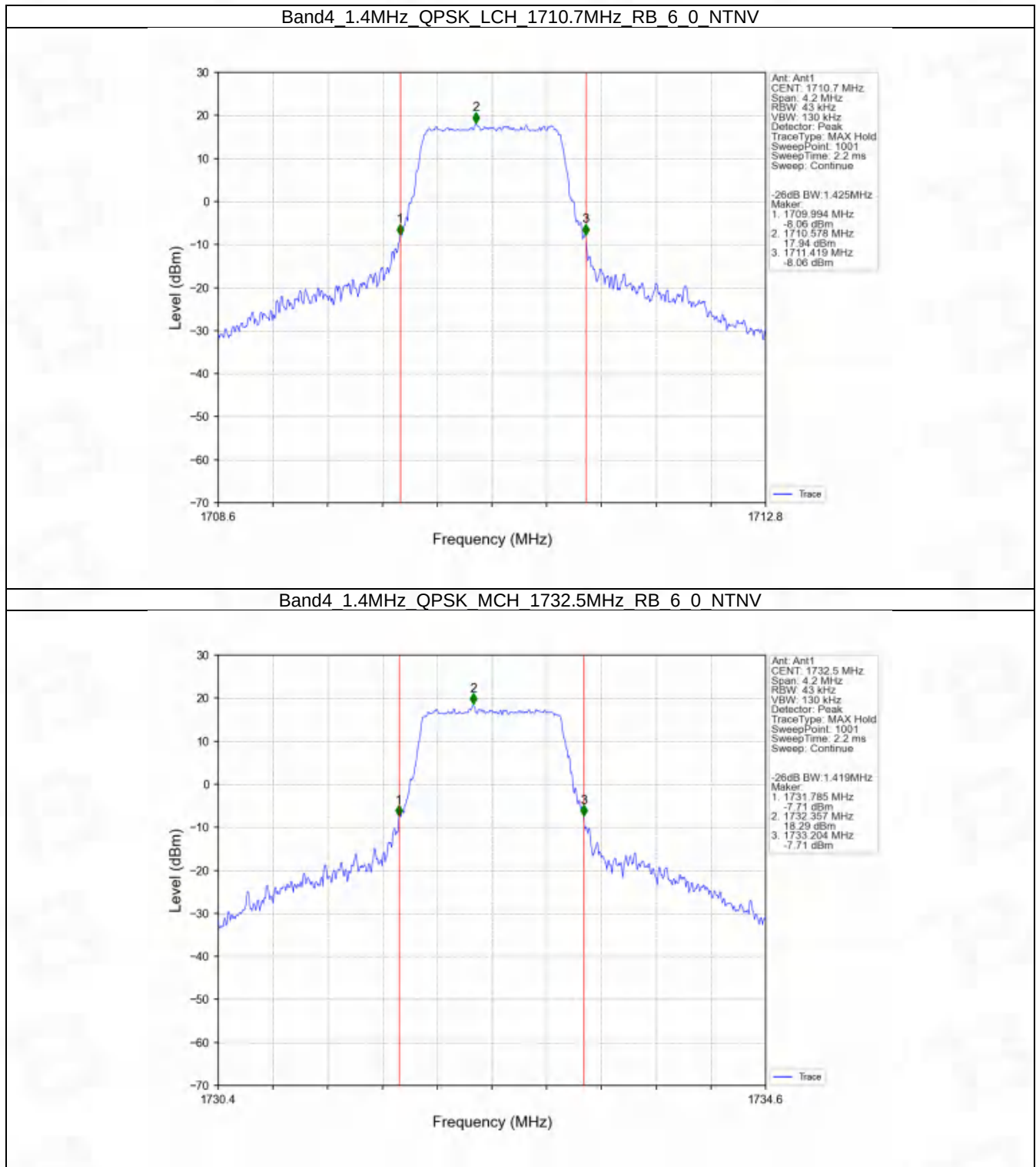


Band4 20MHz 16QAM HCH 1745MHz RB 27 73 NTNV



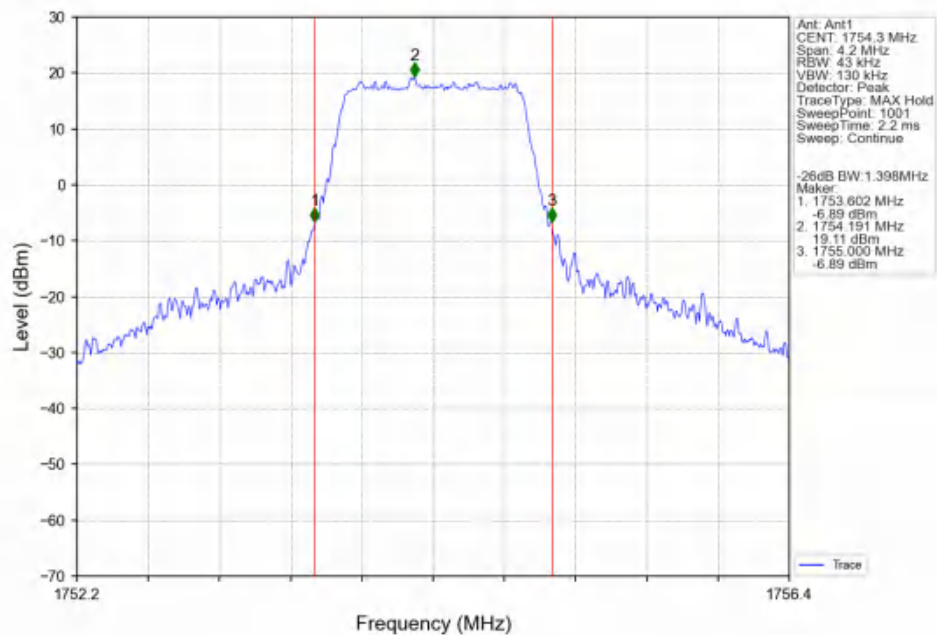


4.2.2 Band4_XDB

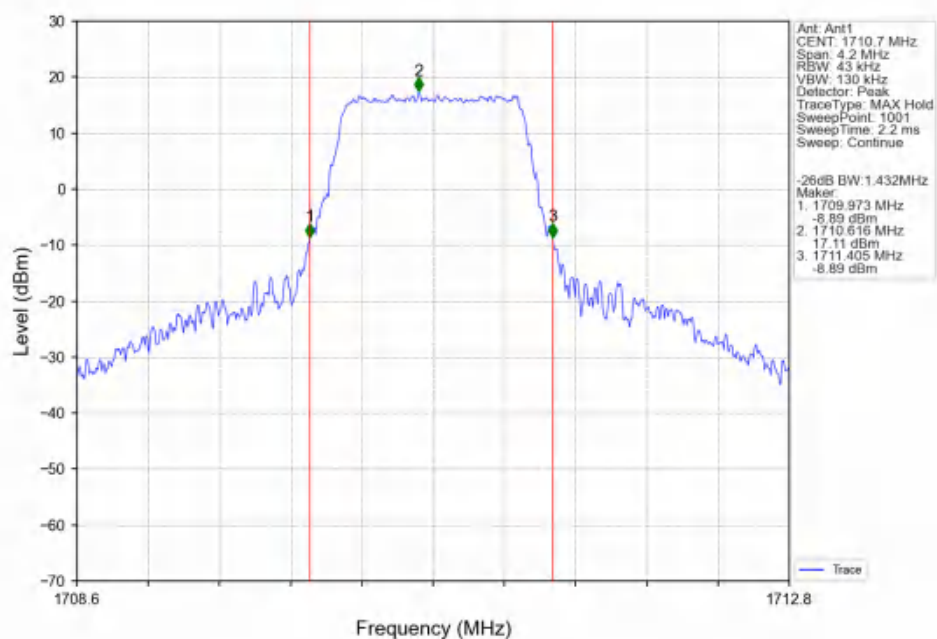




Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV

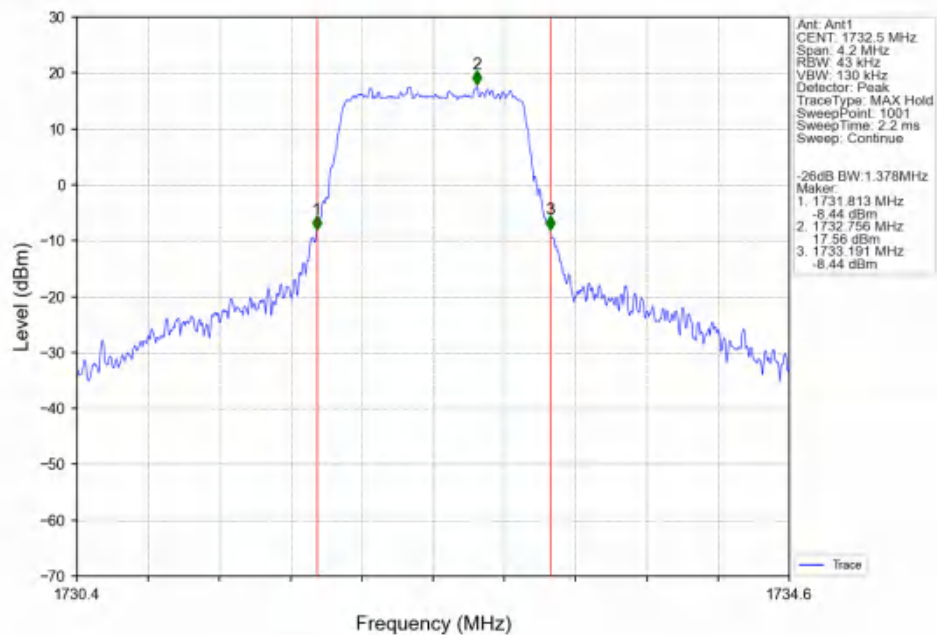


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

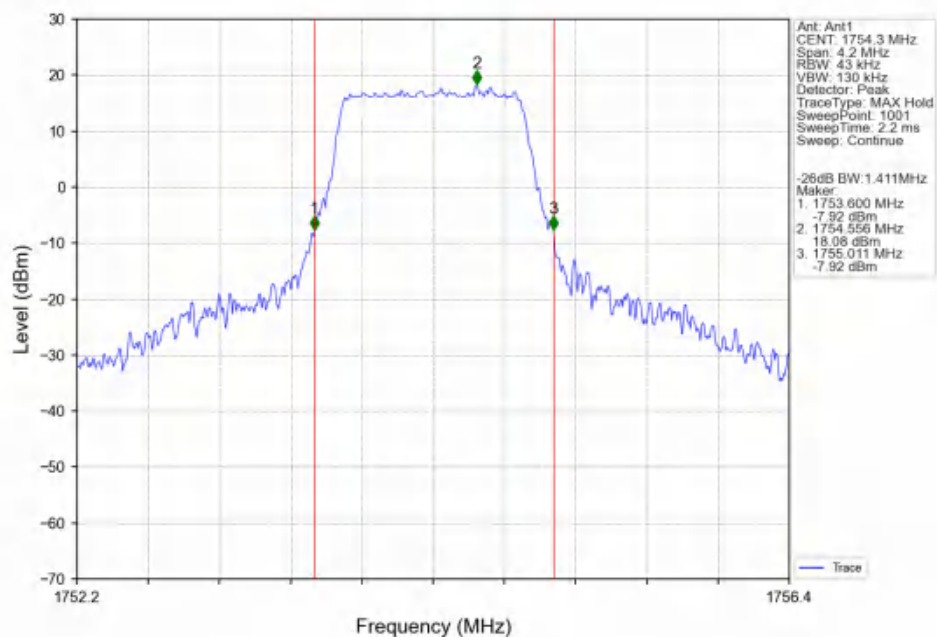




Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV

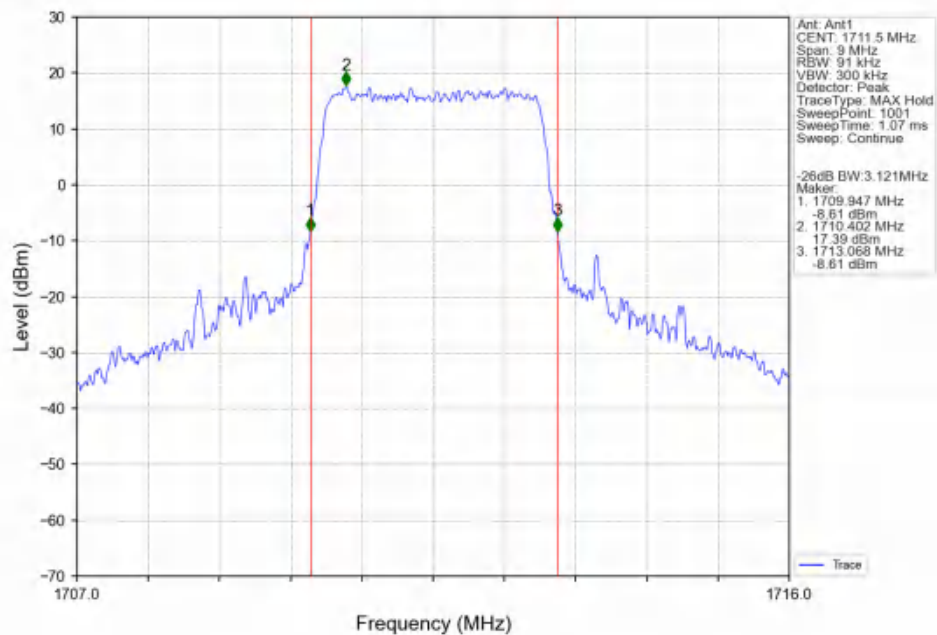


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV

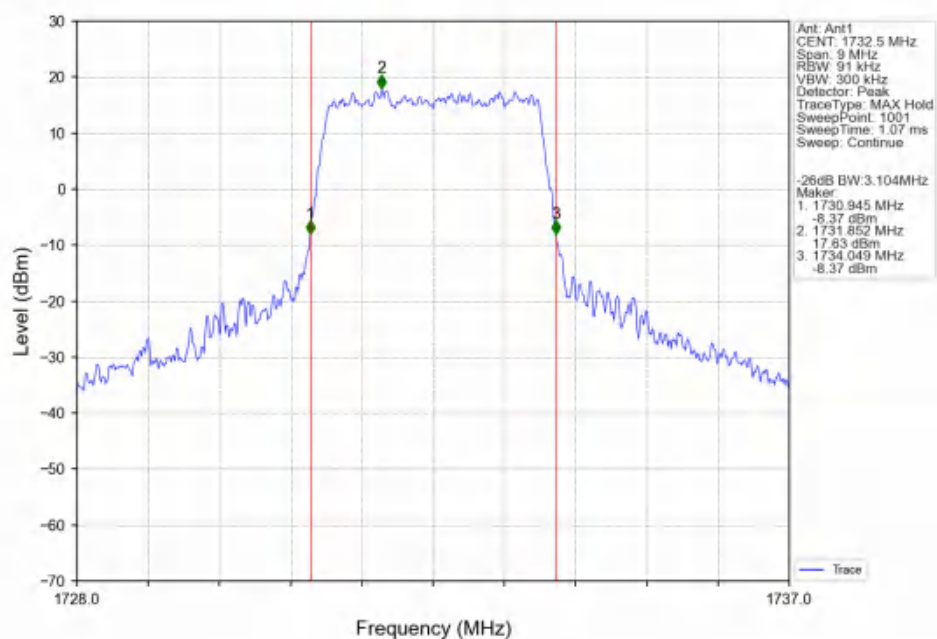




Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

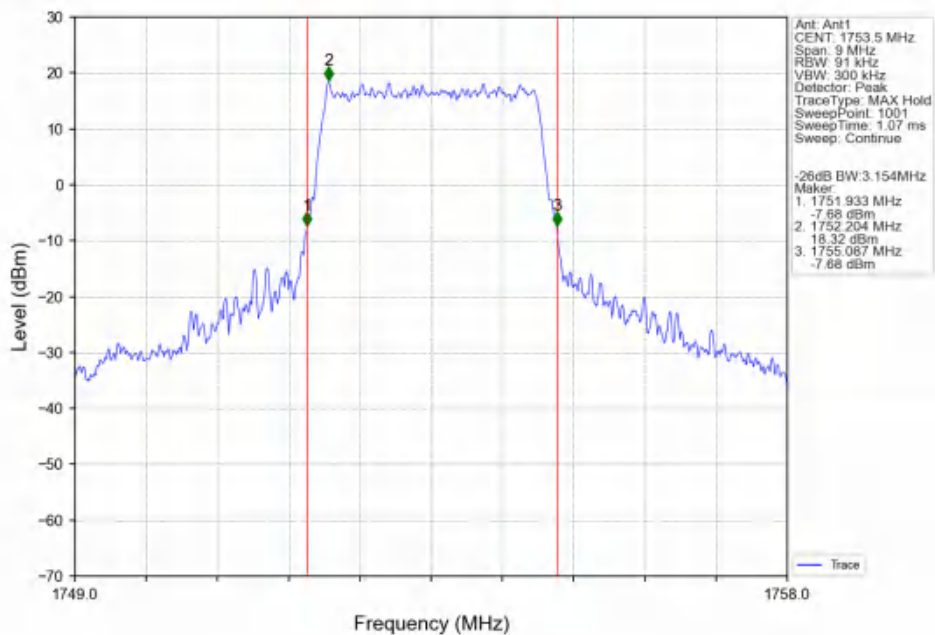


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTN

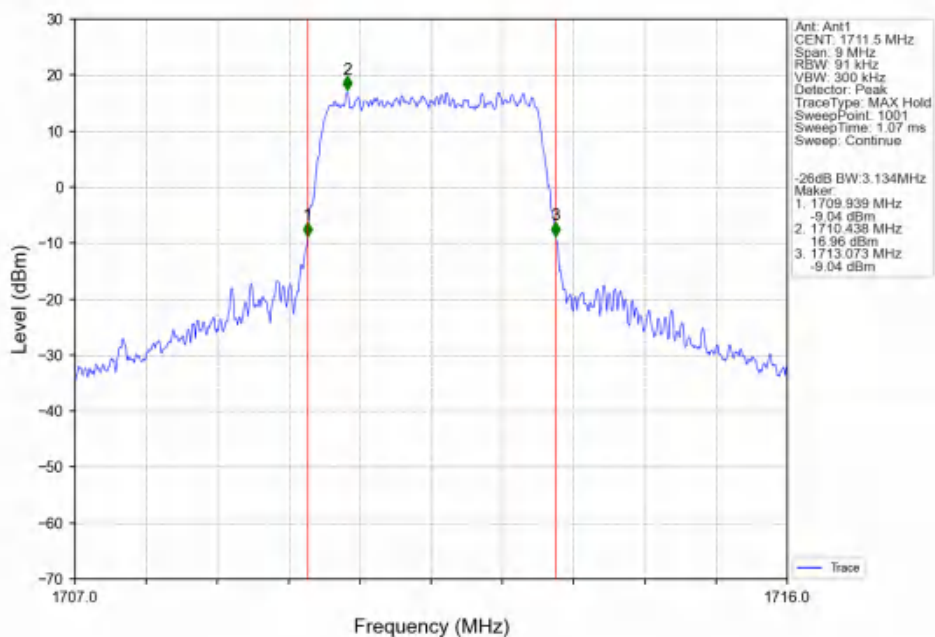




Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTN

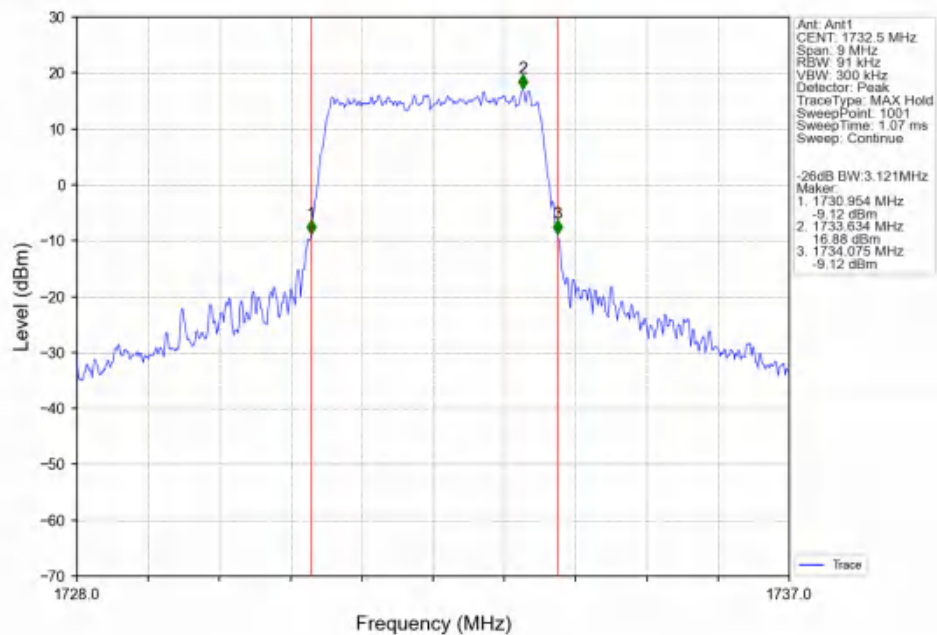


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTN

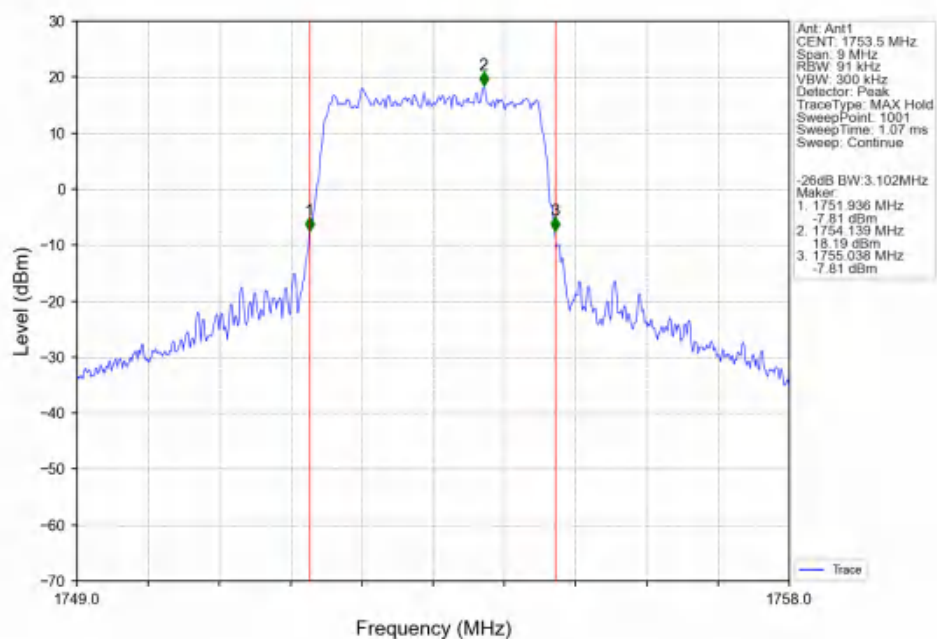




Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV

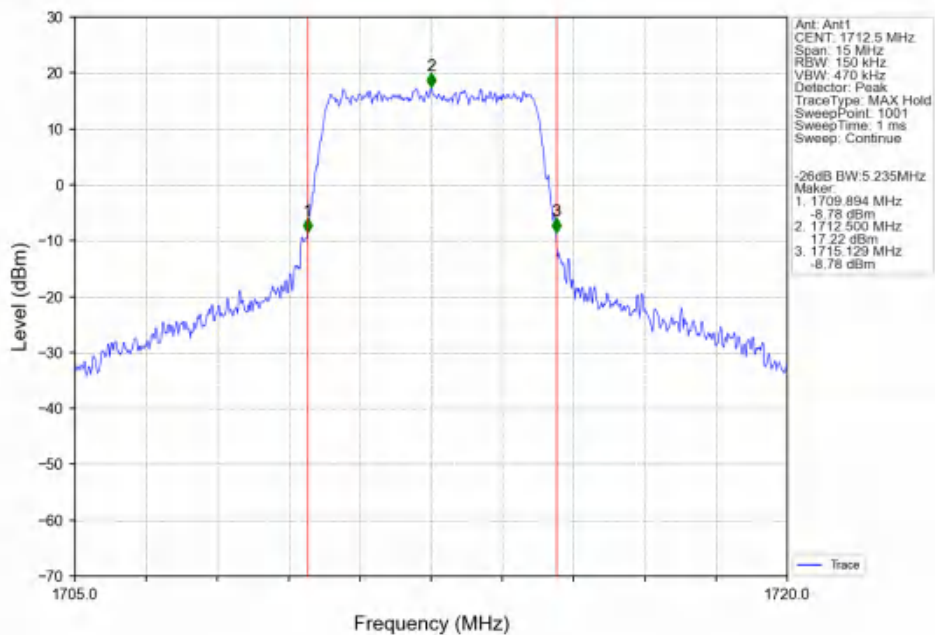


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

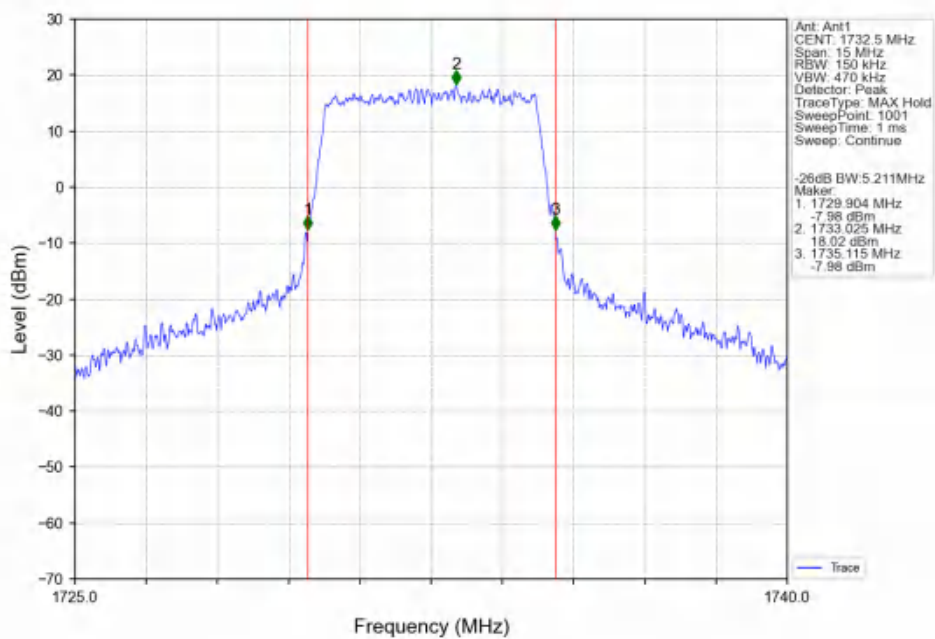




Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

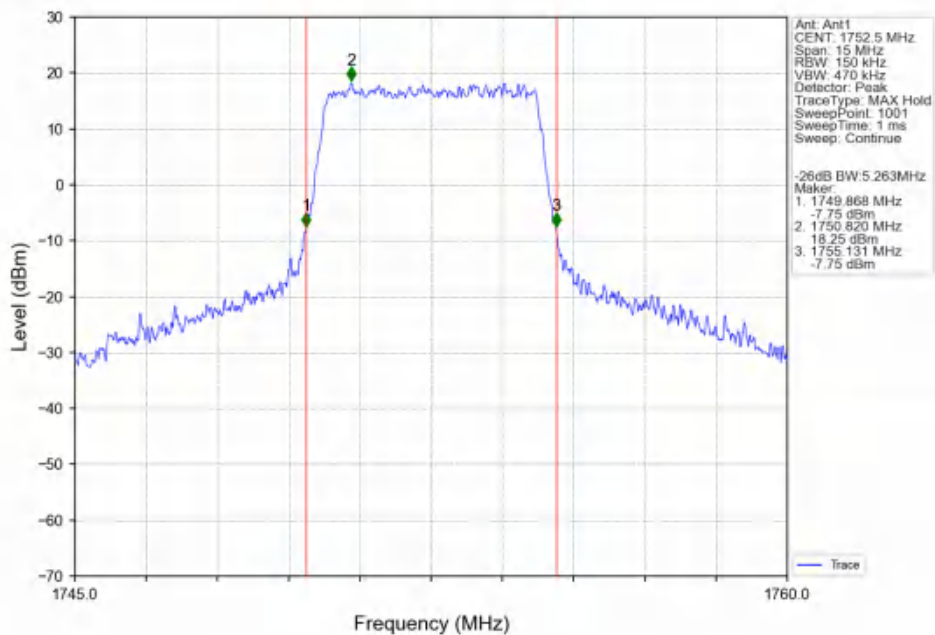


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

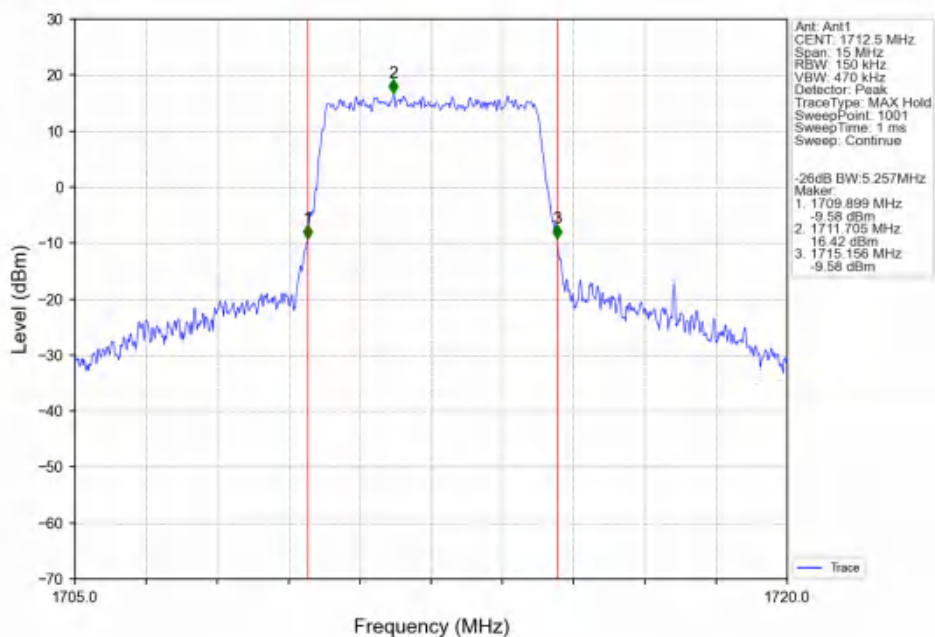




Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTN

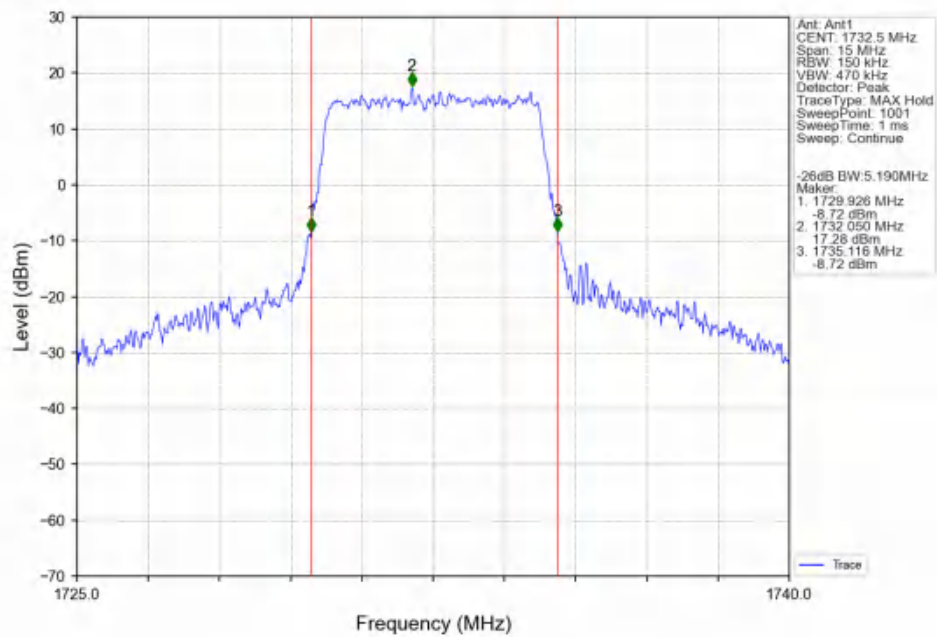


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTN

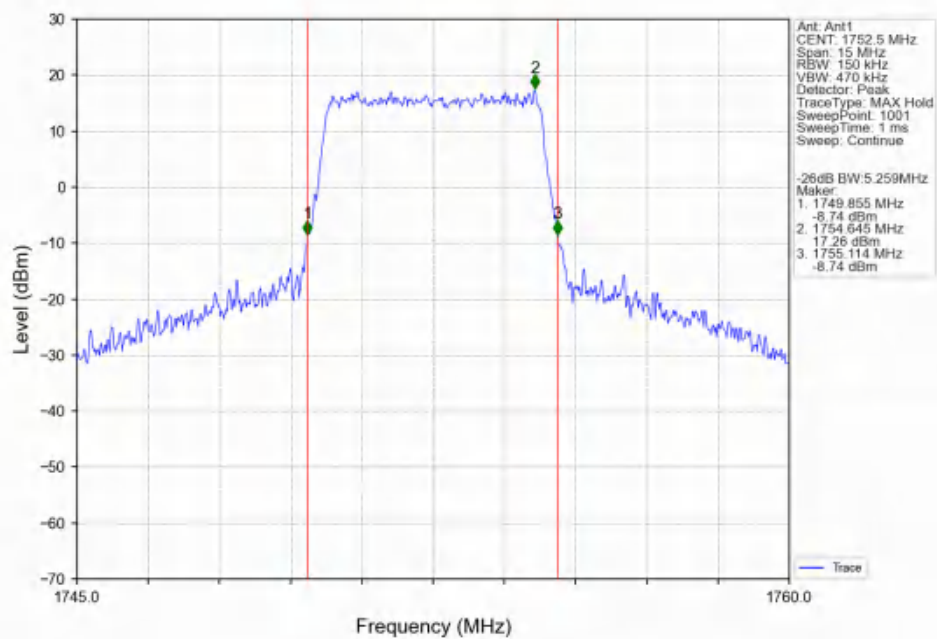




Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV

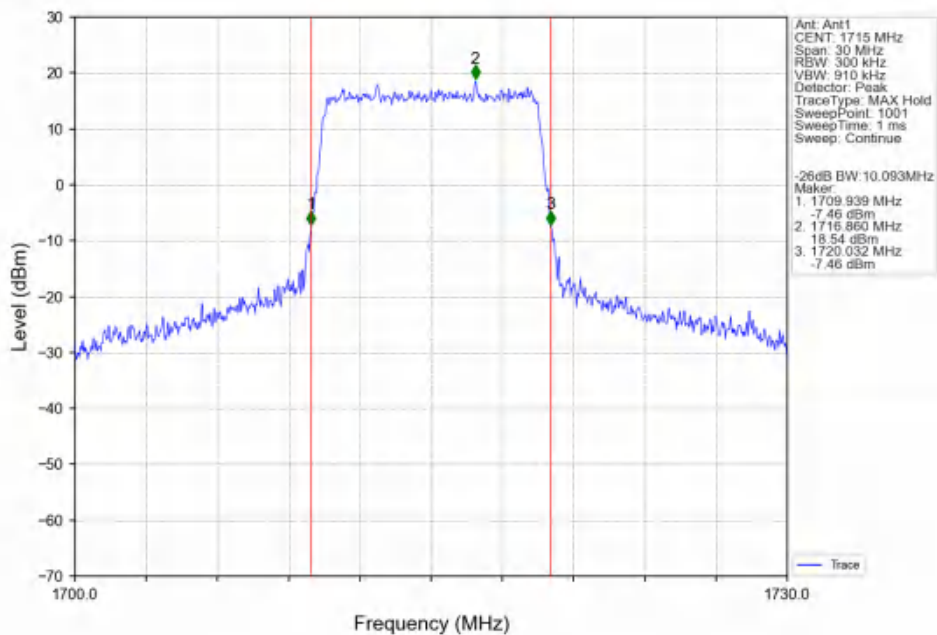


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

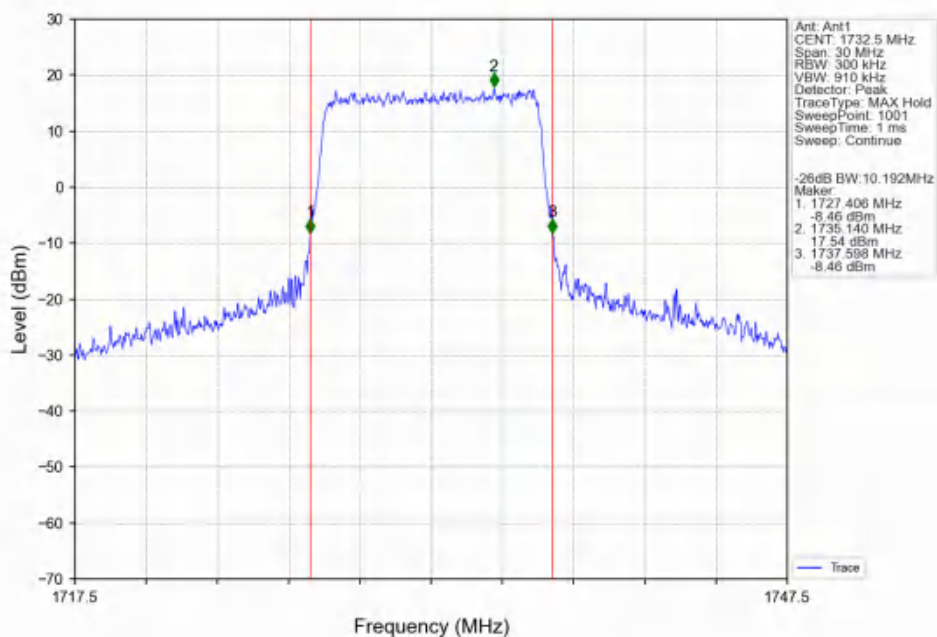




Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

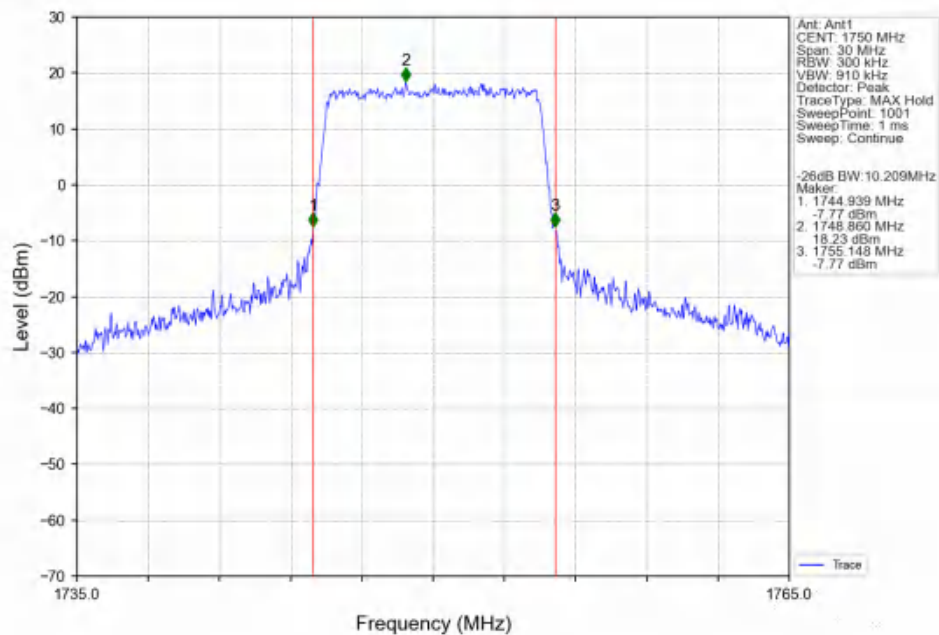


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

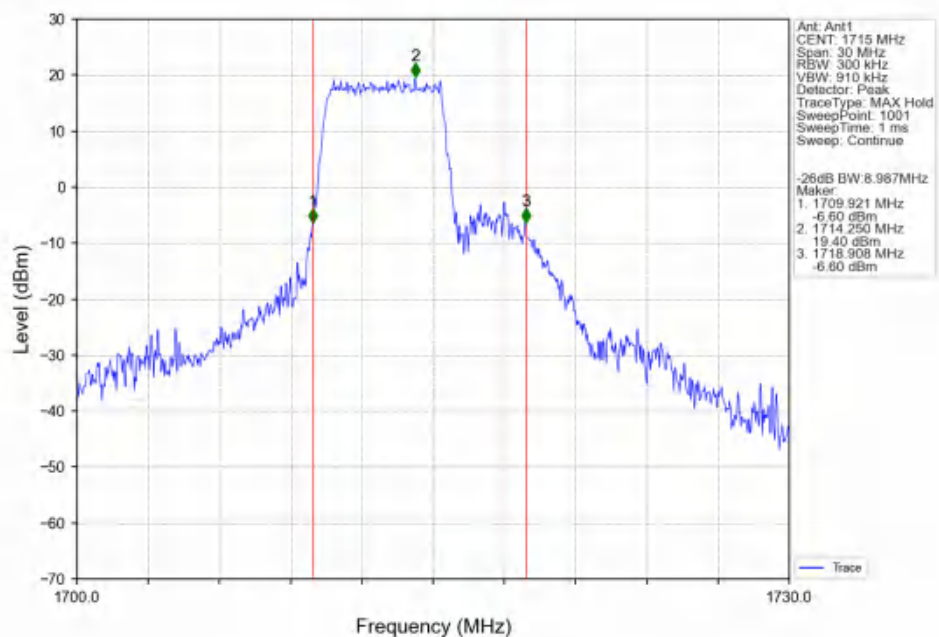




Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

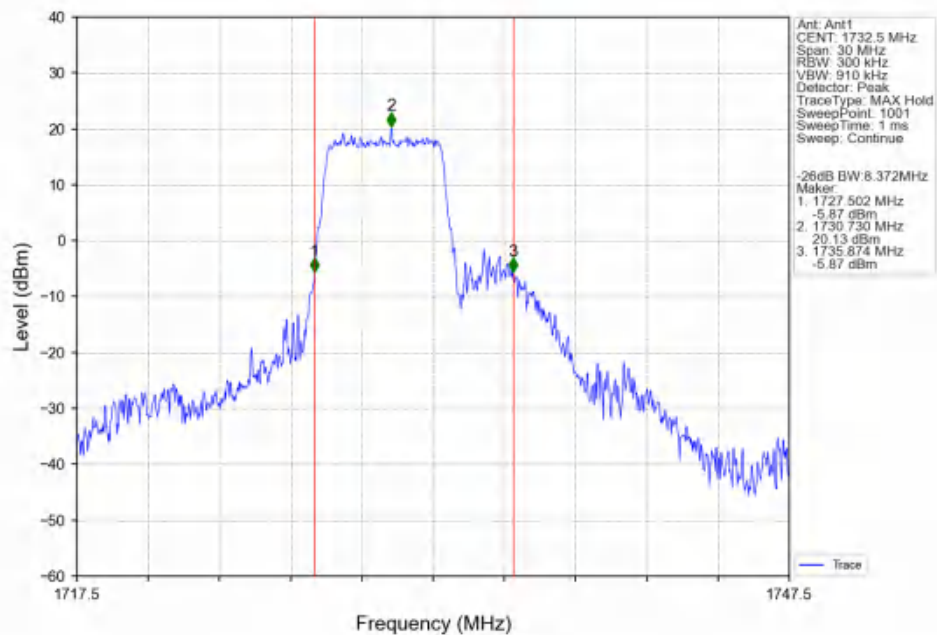


Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV

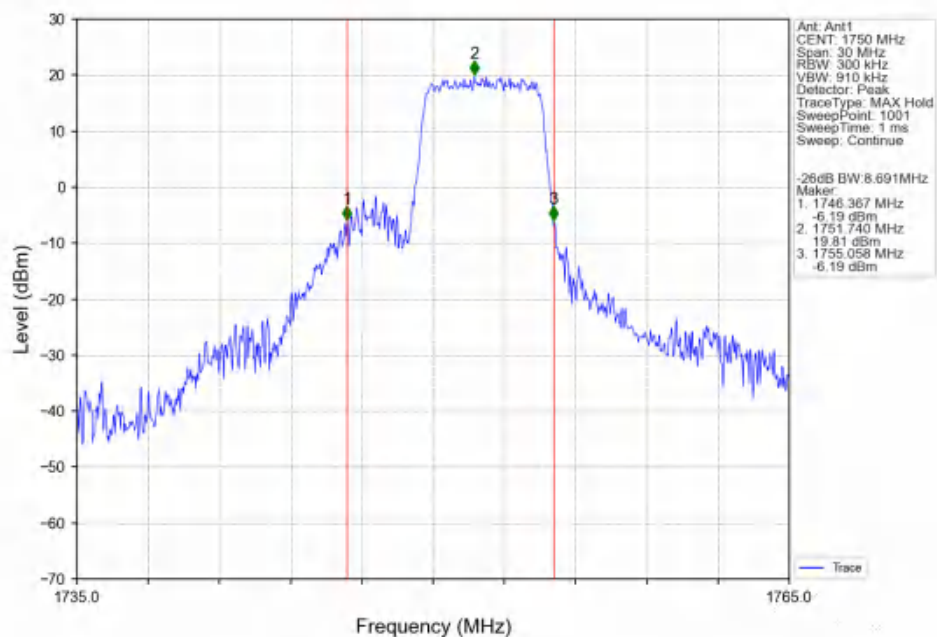




Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV

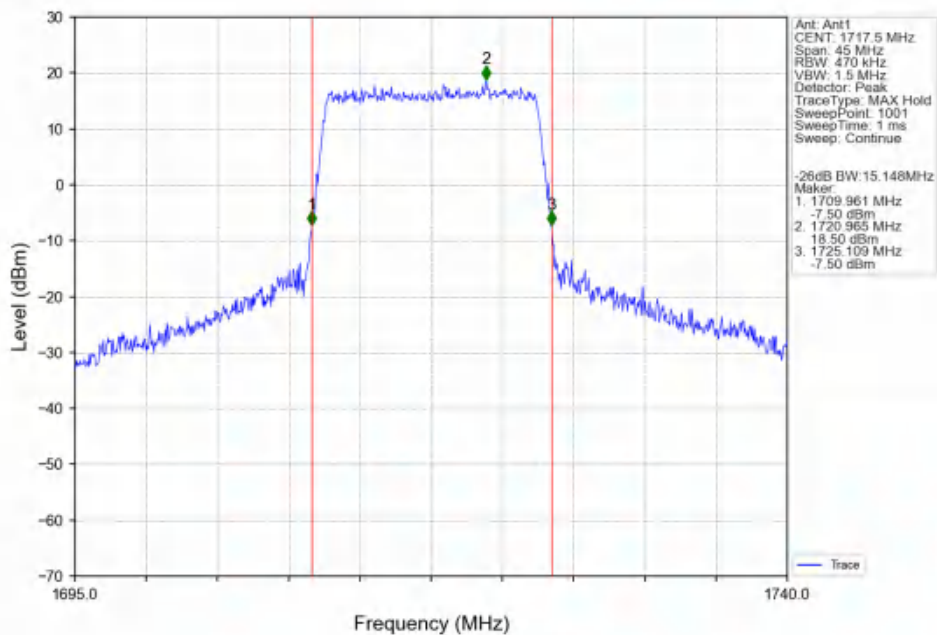


Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV

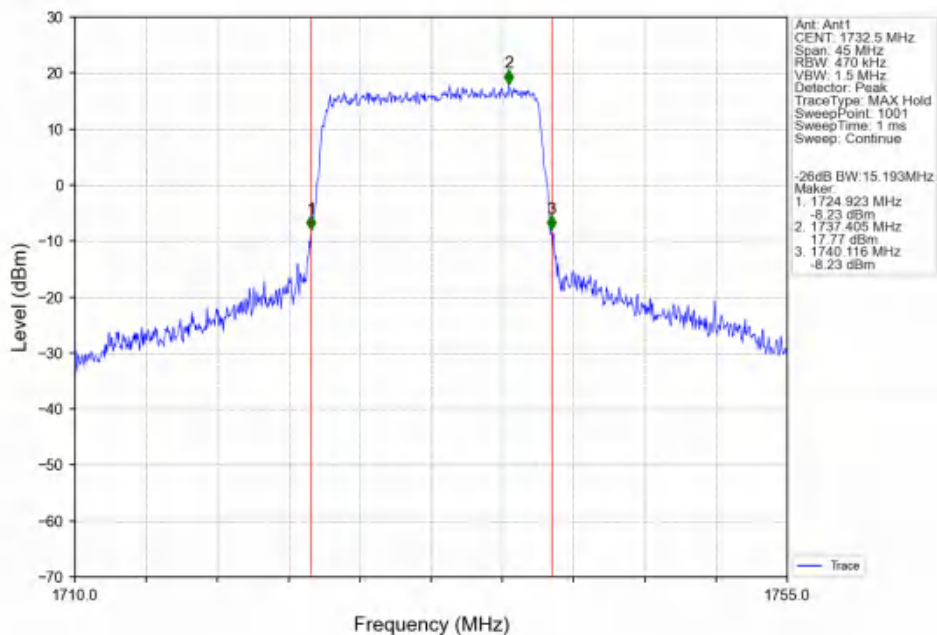




Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

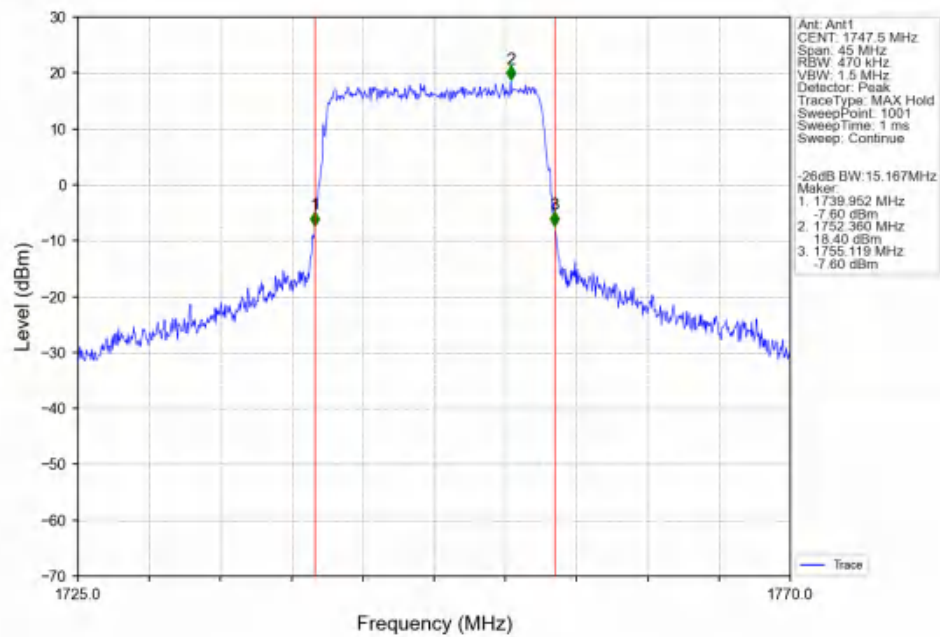


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

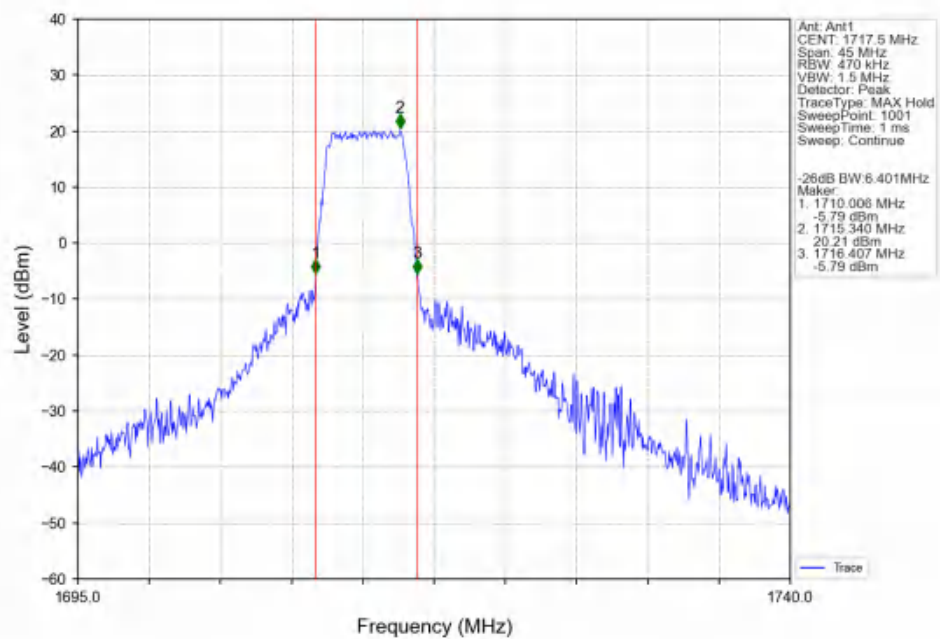




Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

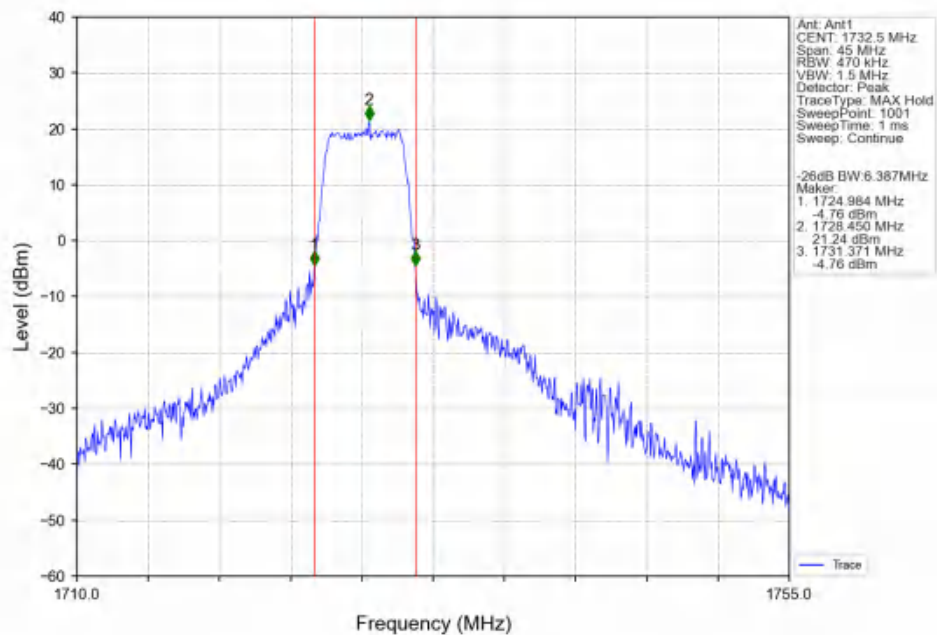


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV

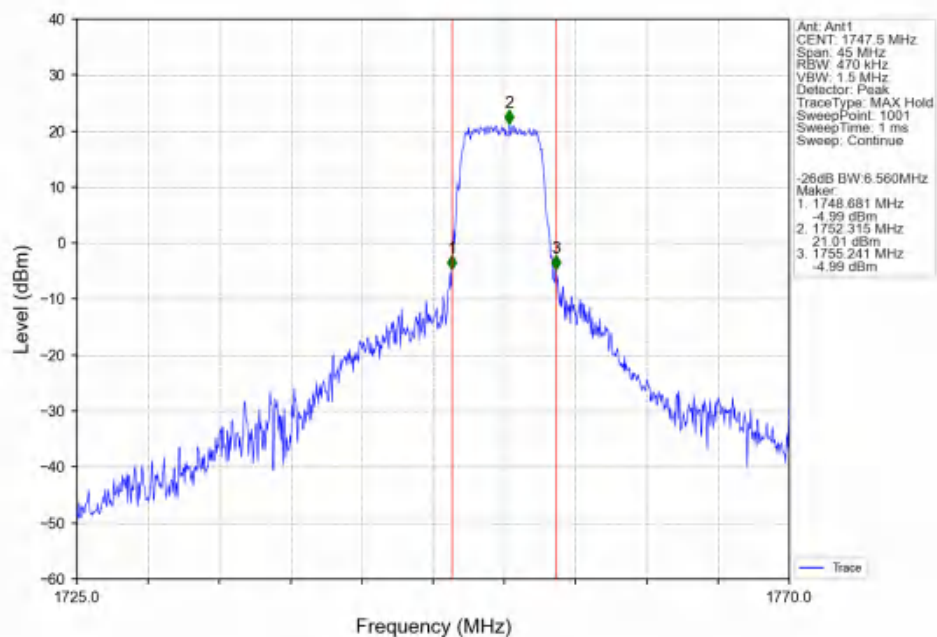




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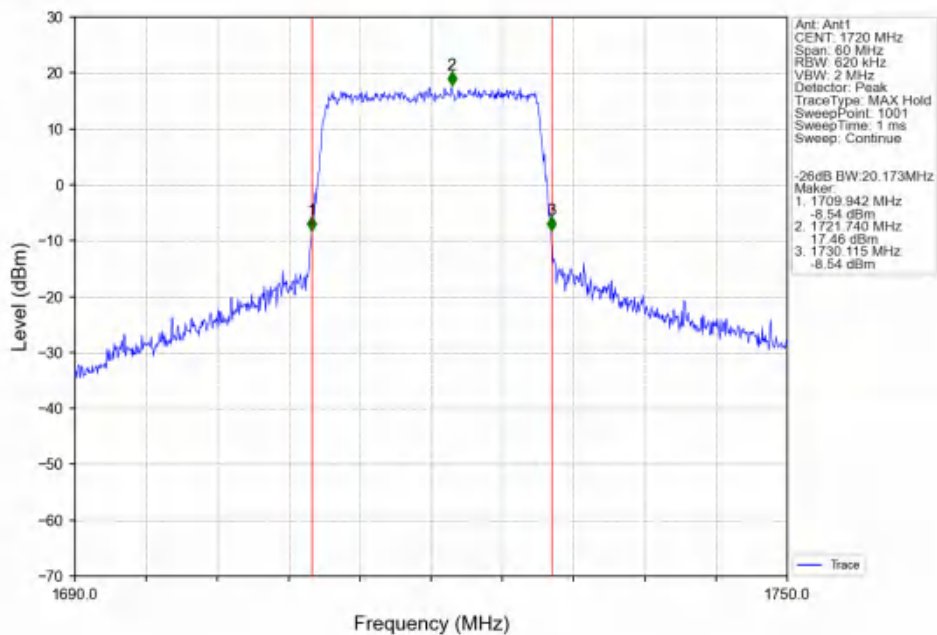


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV

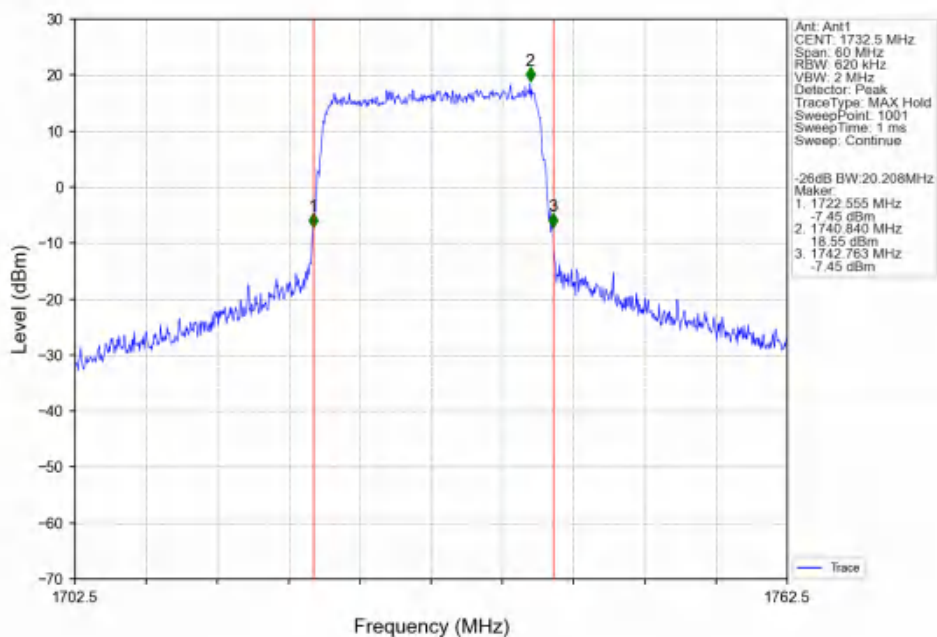




Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

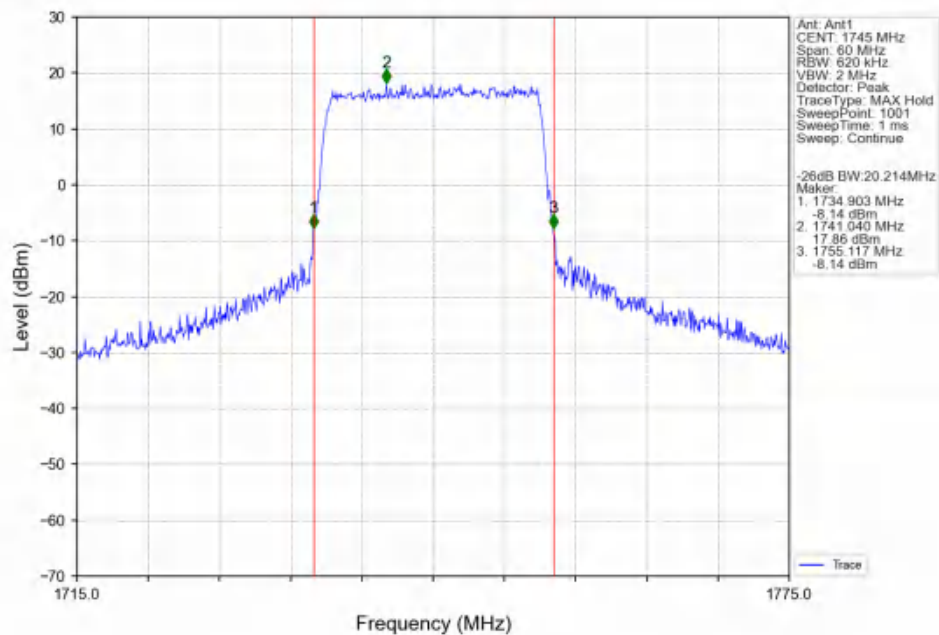


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

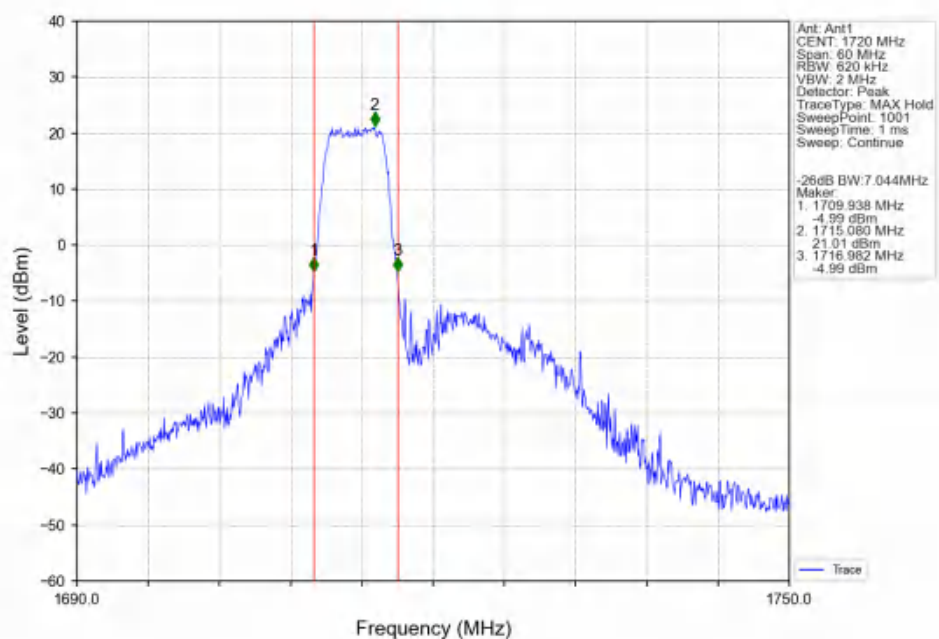




Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV

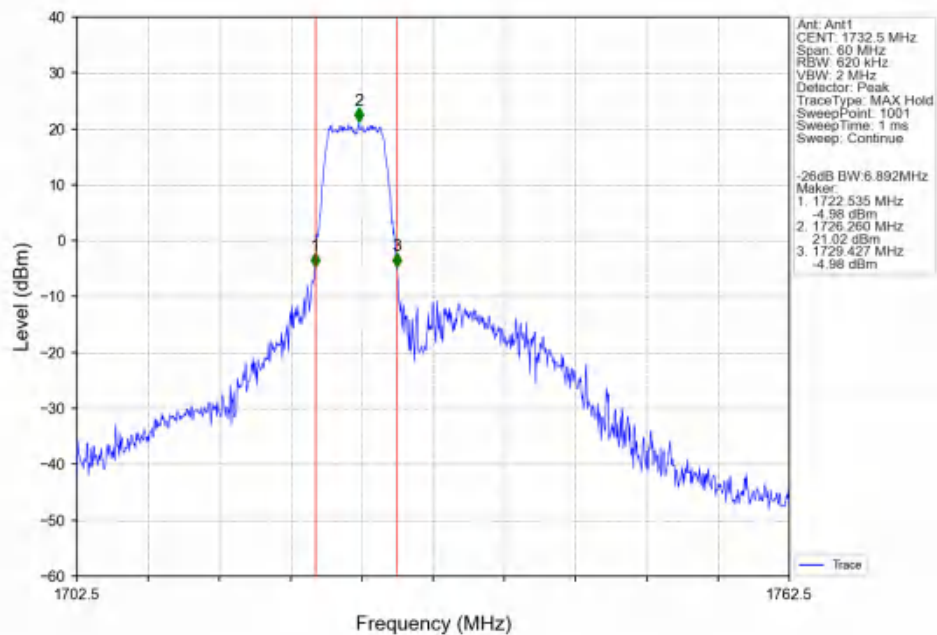


Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV

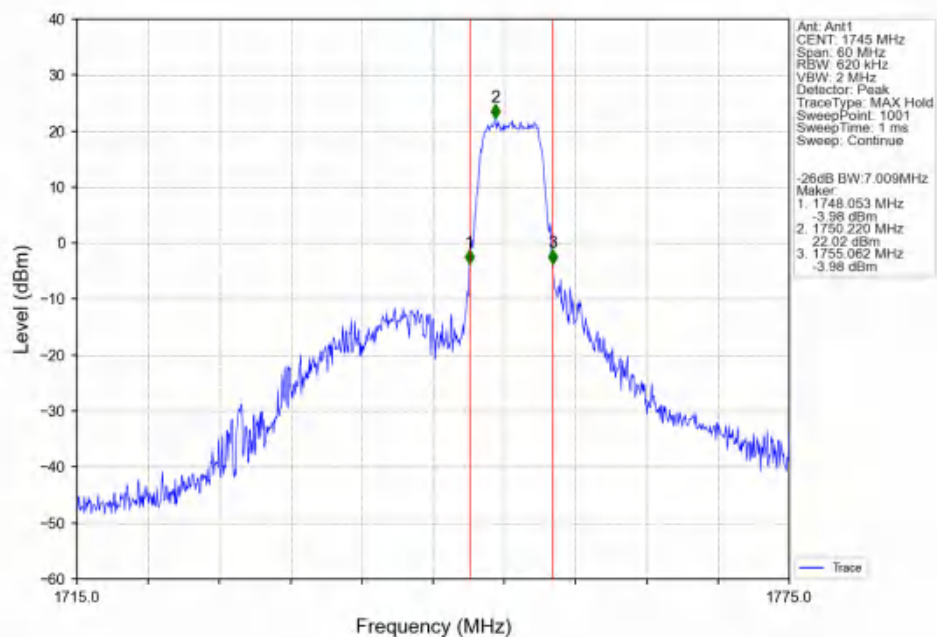




Band4 20MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 27 73 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	4.85	<=13	Pass
	1732.5	6	0	4.79	<=13	Pass
	1754.3	6	0	4.89	<=13	Pass
16QAM	1710.7	6	0	5.88	<=13	Pass
	1732.5	6	0	9.44	<=13	Pass
	1754.3	6	0	5.93	<=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	5.01	<=13	Pass
	1732.5	15	0	4.99	<=13	Pass
	1753.5	15	0	5.00	<=13	Pass
16QAM	1711.5	15	0	5.97	<=13	Pass
	1732.5	15	0	5.96	<=13	Pass
	1753.5	15	0	5.97	<=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	5.23	<=13	Pass
	1732.5	25	0	5.18	<=13	Pass
	1752.5	25	0	5.19	<=13	Pass
16QAM	1712.5	25	0	6.11	<=13	Pass
	1732.5	25	0	6.07	<=13	Pass
	1752.5	25	0	6.07	<=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	5.26	<=13	Pass
	1732.5	50	0	5.23	<=13	Pass
	1750	50	0	5.21	<=13	Pass
16QAM	1715	27	0	5.97	<=13	Pass
	1732.5	27	0	5.96	<=13	Pass



	1750	27	23	5.94	<=13	Pass
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5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.27	<=13	Pass
	1732.5	75	0	5.23	<=13	Pass
	1747.5	75	0	5.23	<=13	Pass
16QAM	1717.5	27	0	5.99	<=13	Pass
	1732.5	27	0	5.98	<=13	Pass
	1747.5	27	48	5.94	<=13	Pass

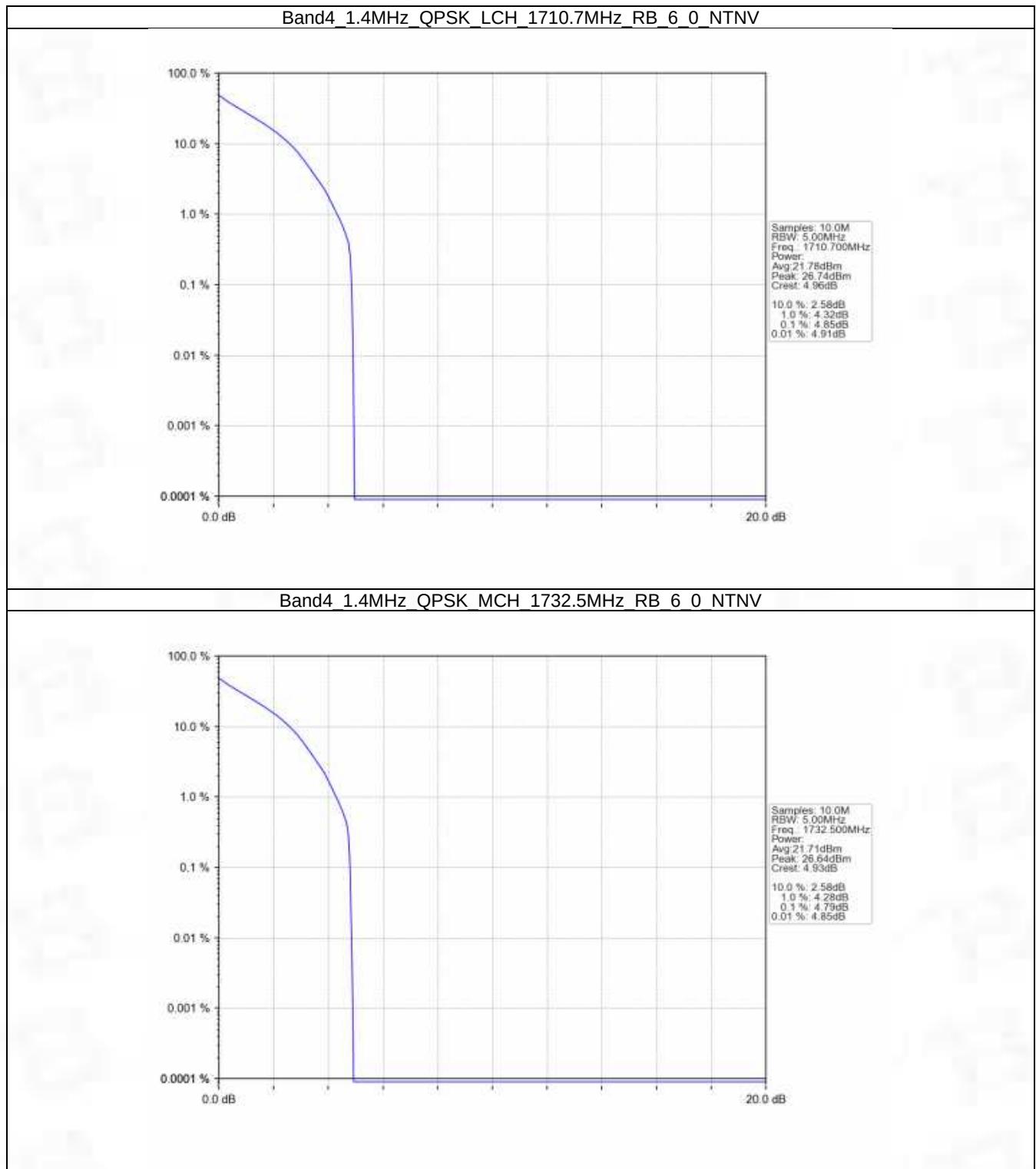
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.24	<=13	Pass
	1732.5	100	0	5.21	<=13	Pass
	1745	100	0	5.19	<=13	Pass
16QAM	1720	27	0	6.01	<=13	Pass
	1732.5	27	0	5.99	<=13	Pass
	1745	27	73	6.88	<=13	Pass



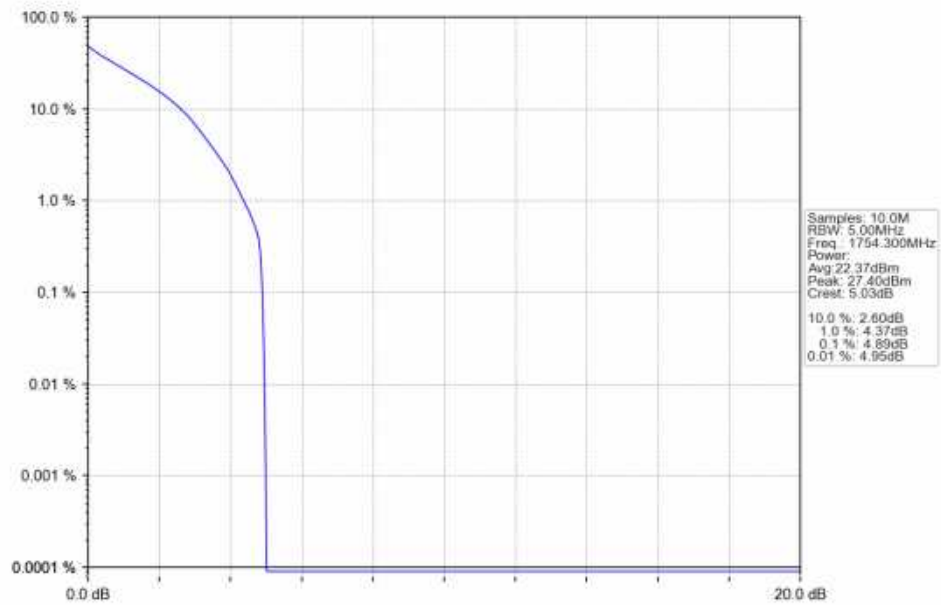
5.2 Test Graph

5.2.1 B4_1.4MHz

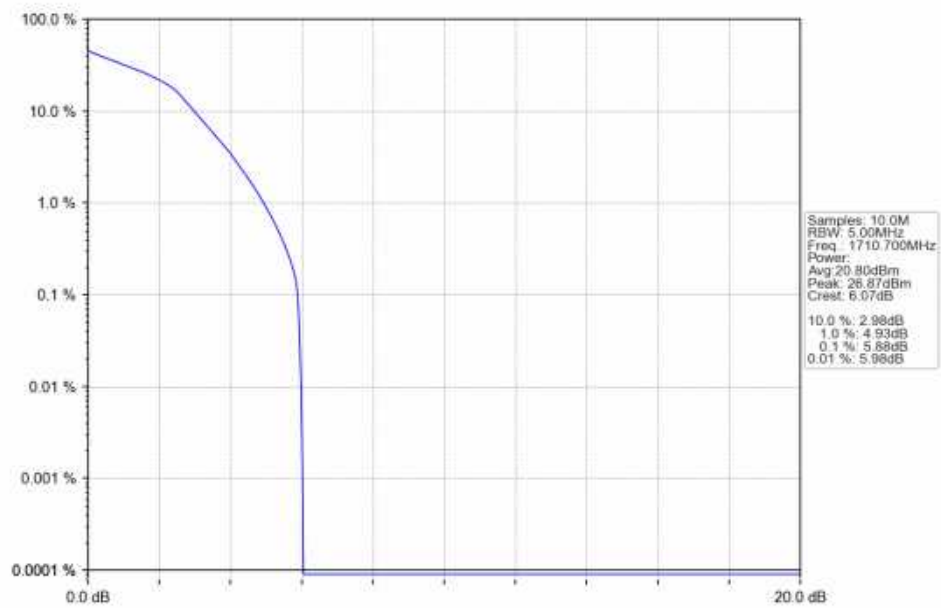




Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV

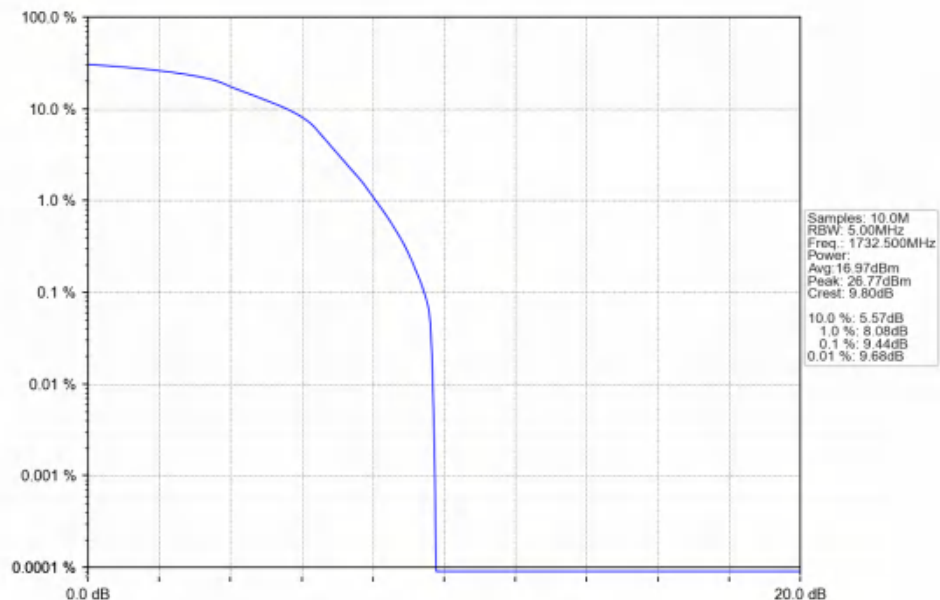


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

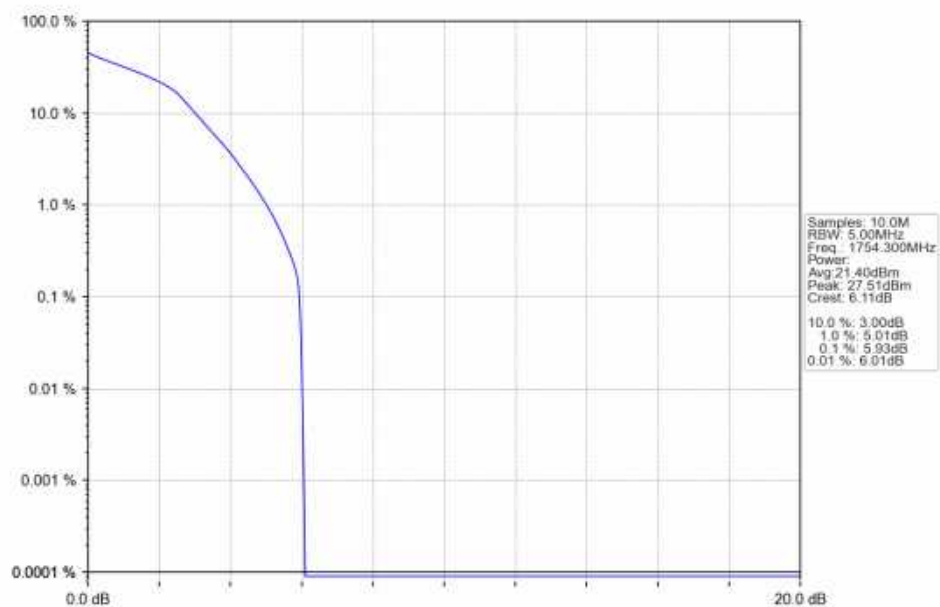




Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



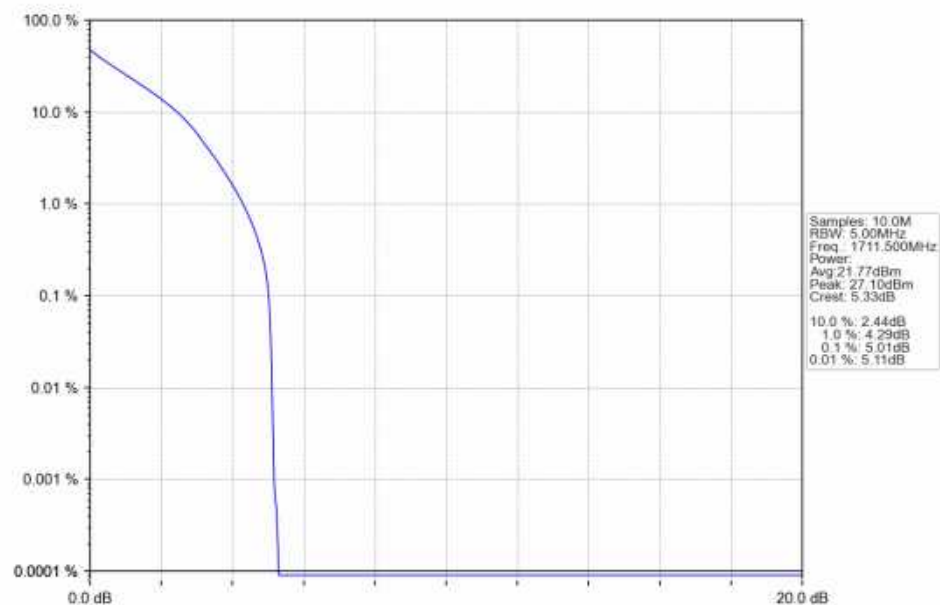
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



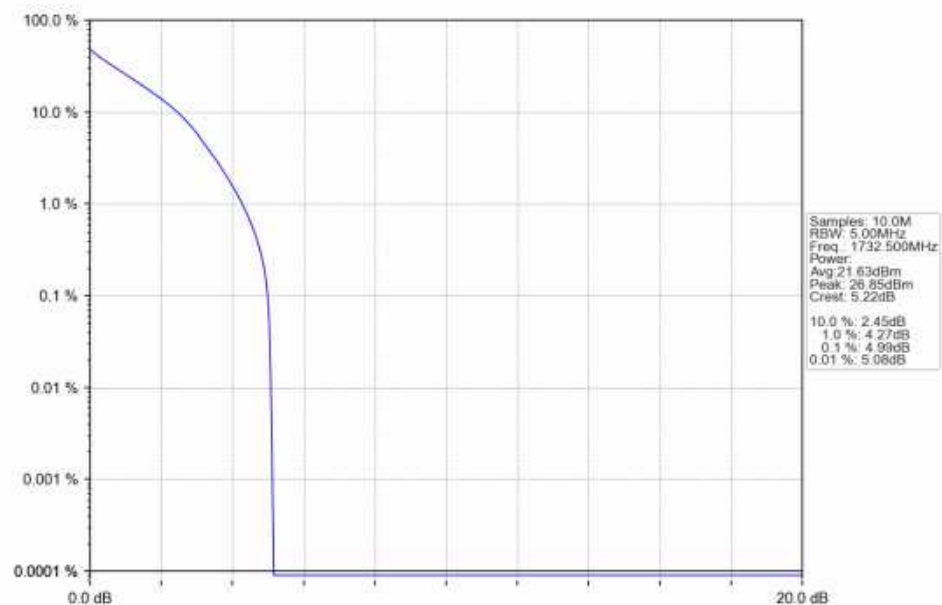


5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

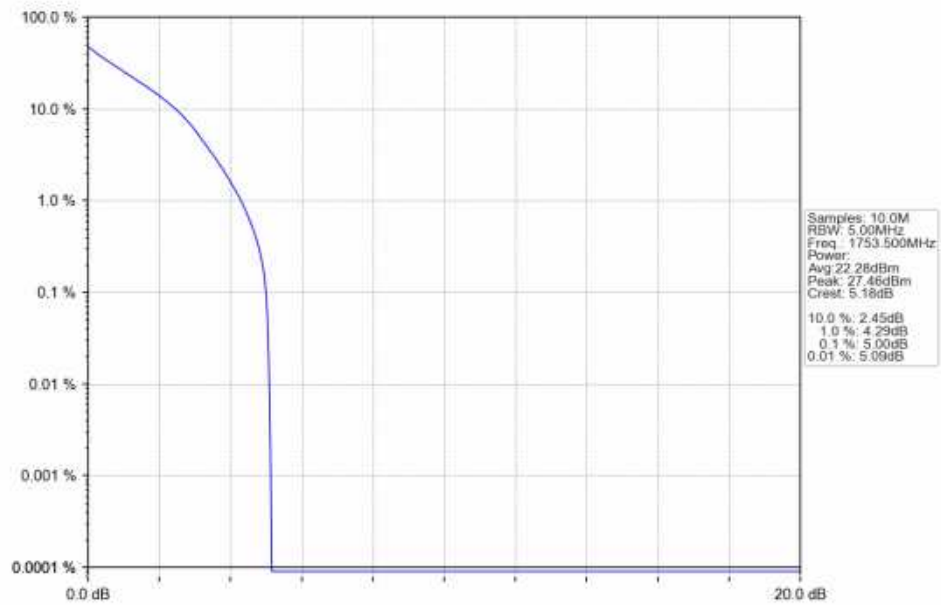


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

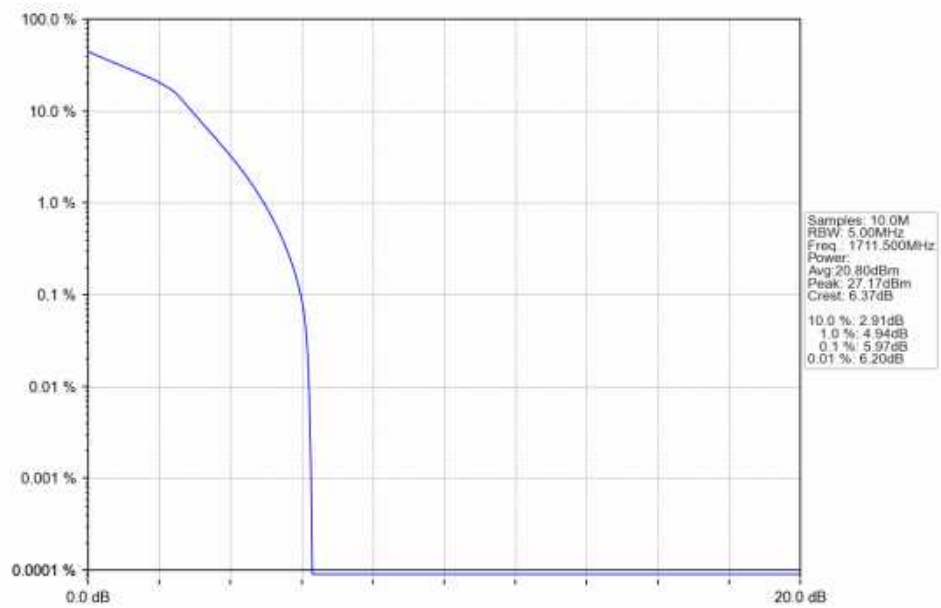




Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTN

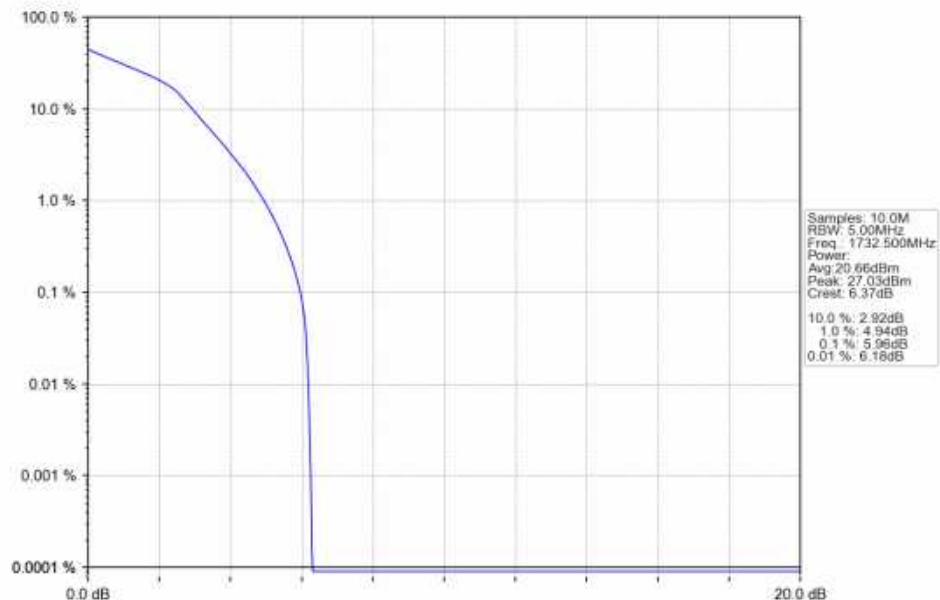


Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTN

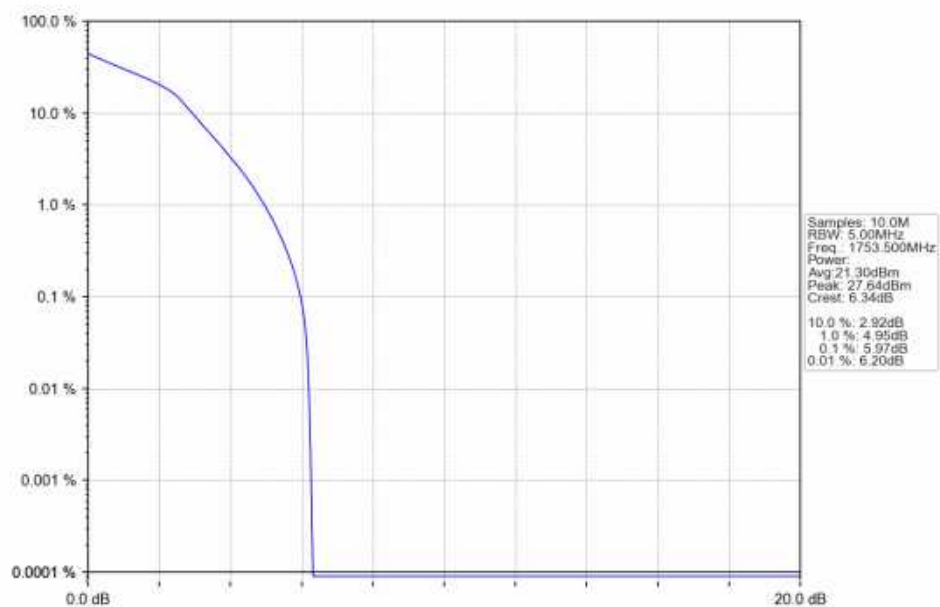




Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV

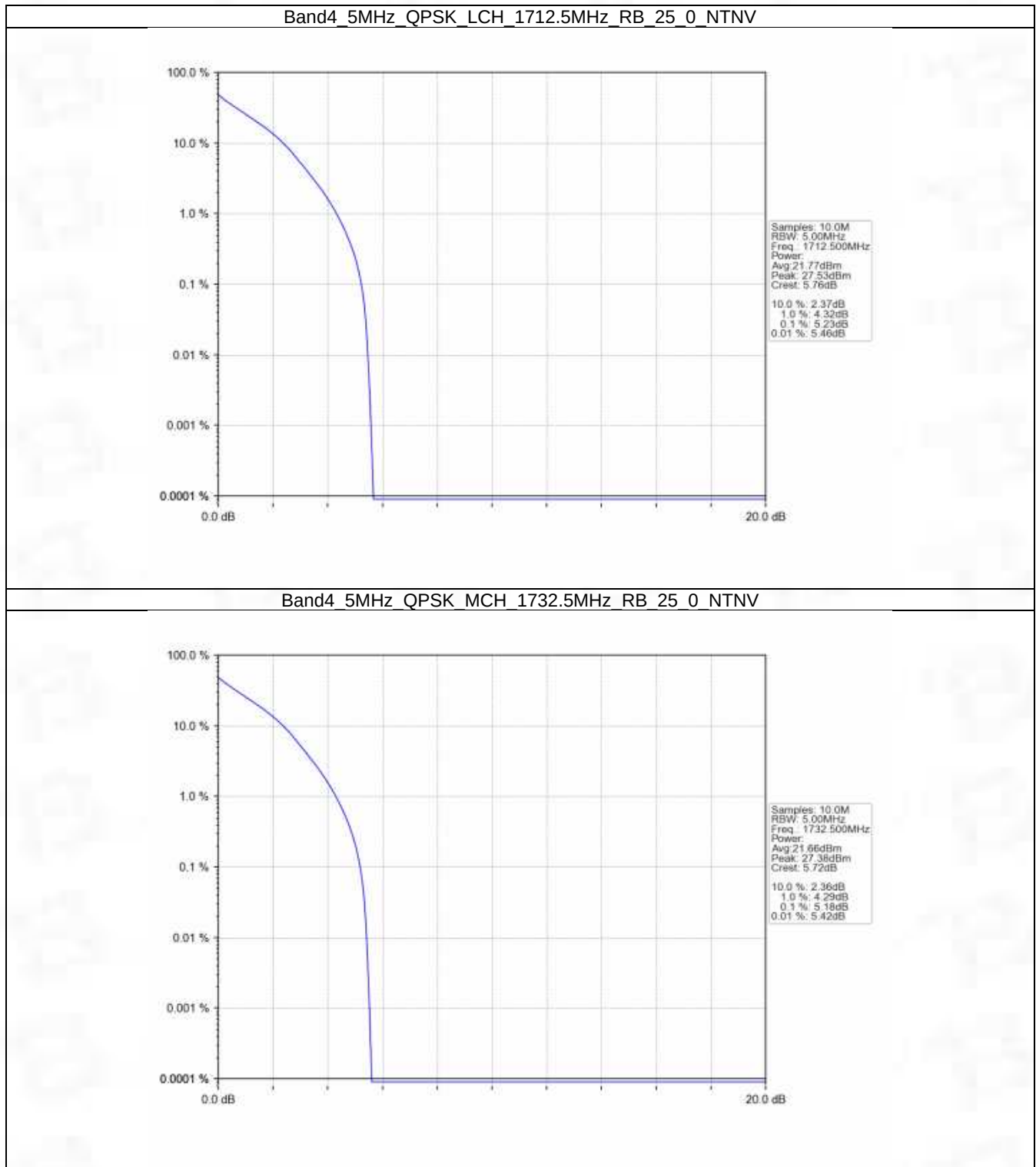


Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



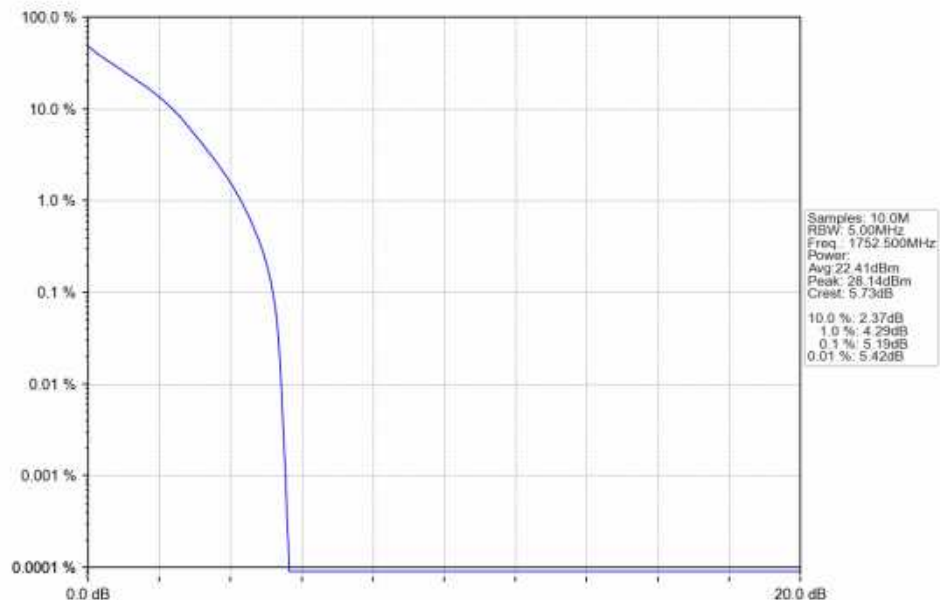


5.2.3 B4_5MHz

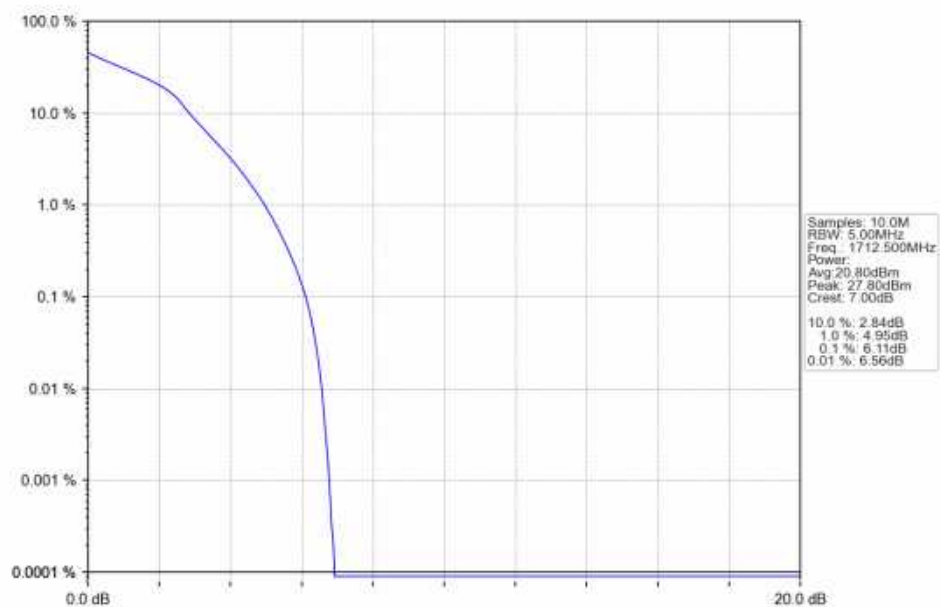




Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



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

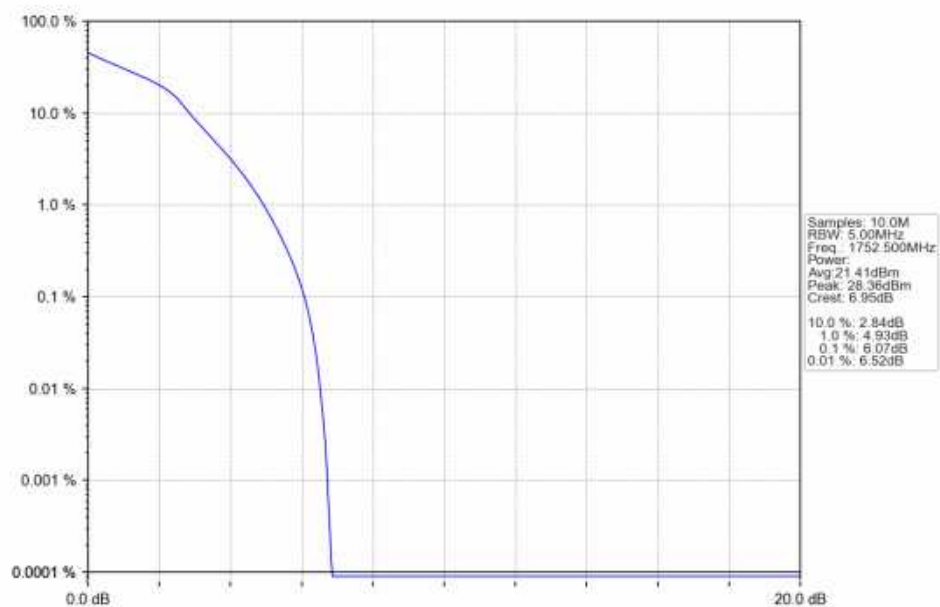




Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



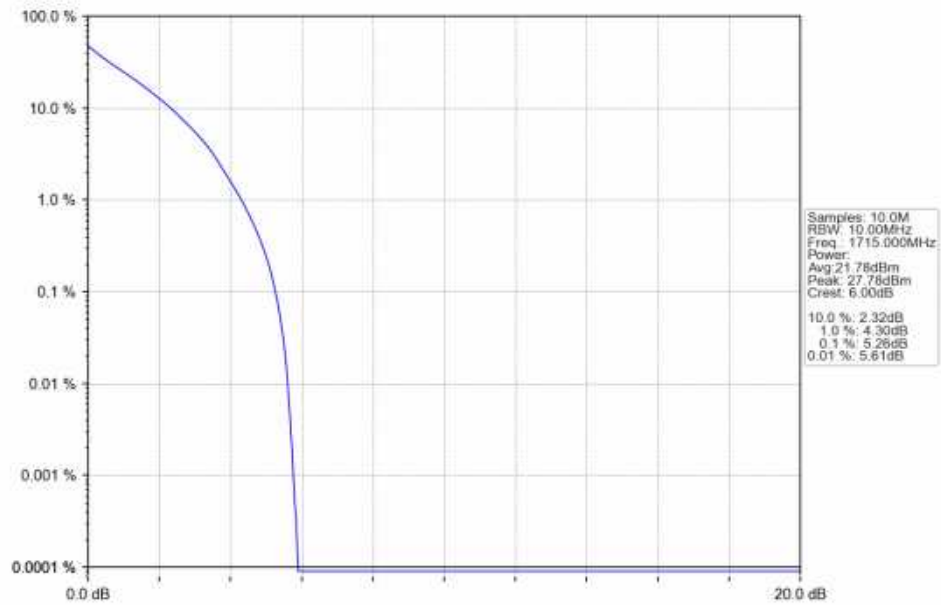
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



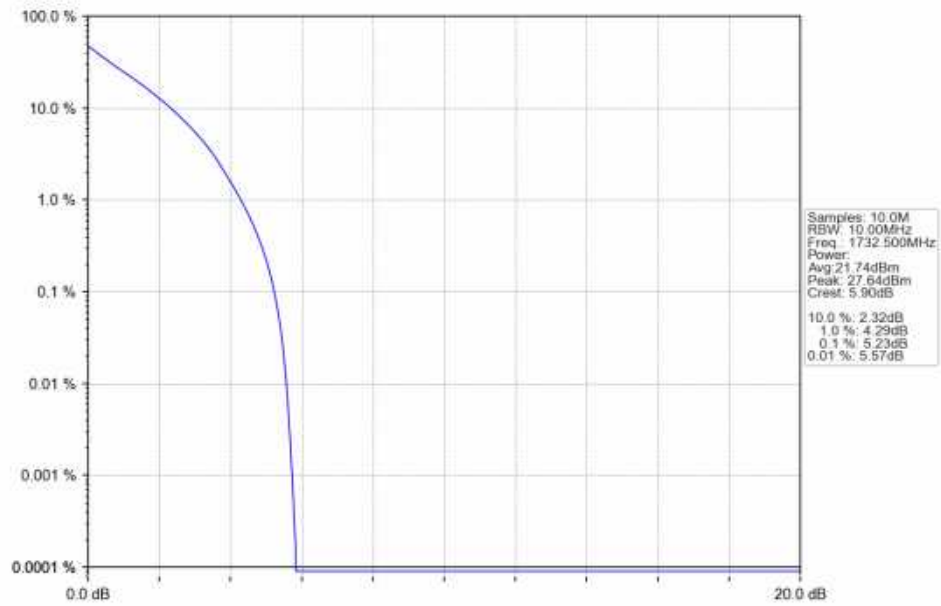


5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

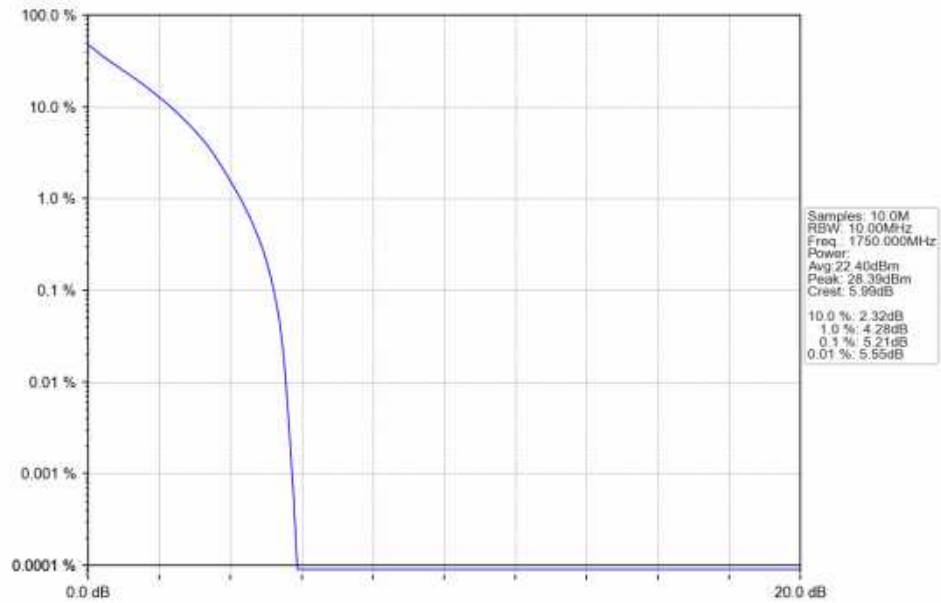


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

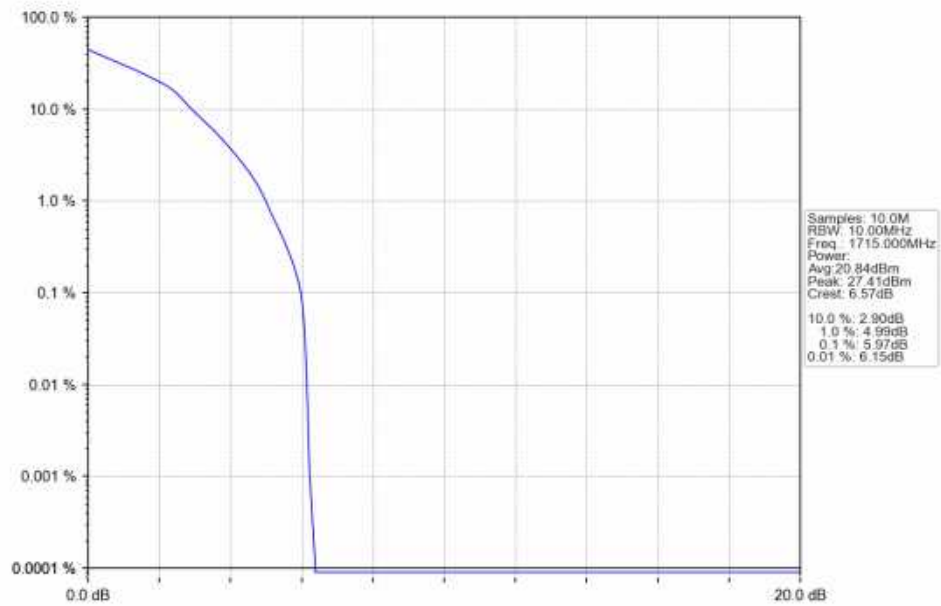




Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

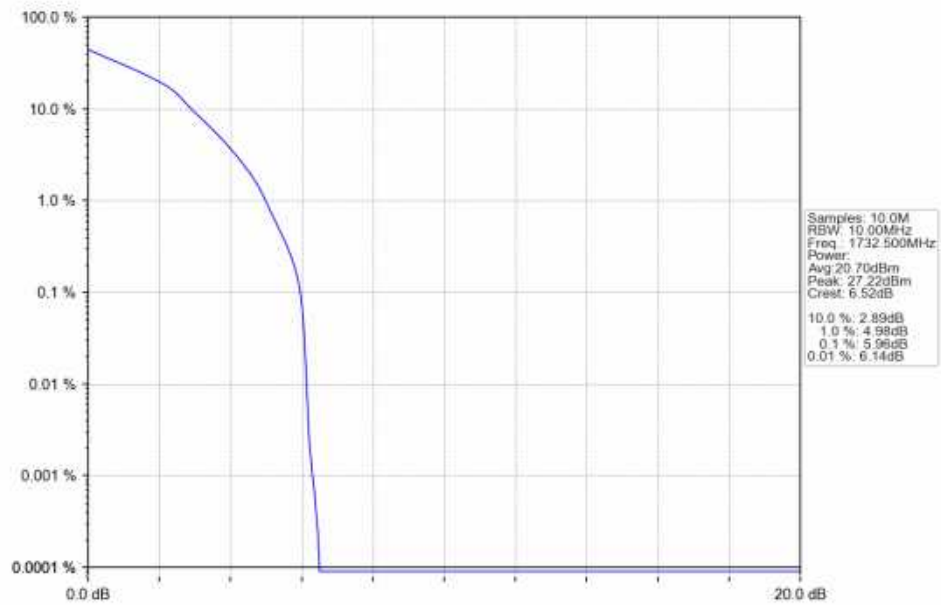


Band4 10MHz 16QAM LCH 1715MHz RB 27 0 NTNV

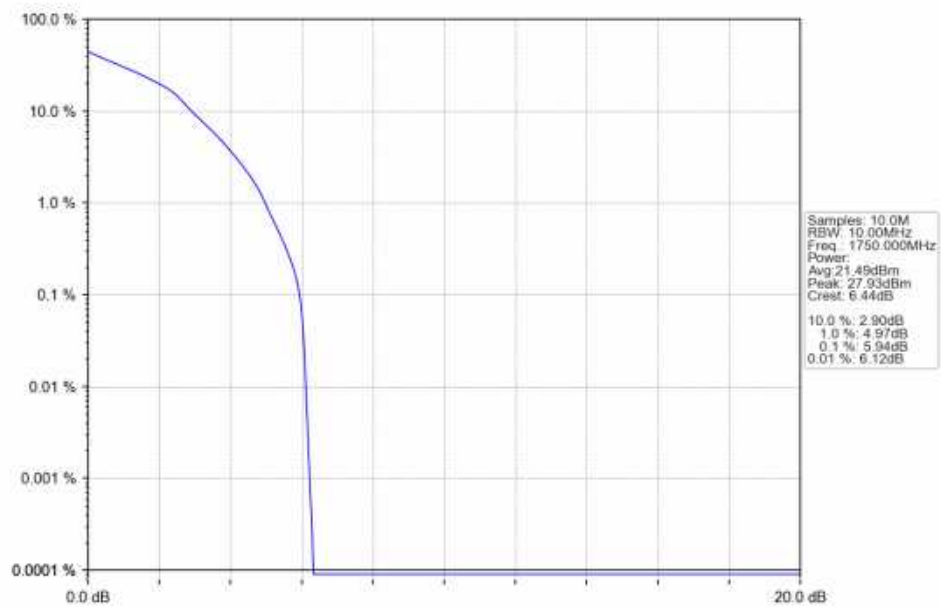




Band4 10MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV

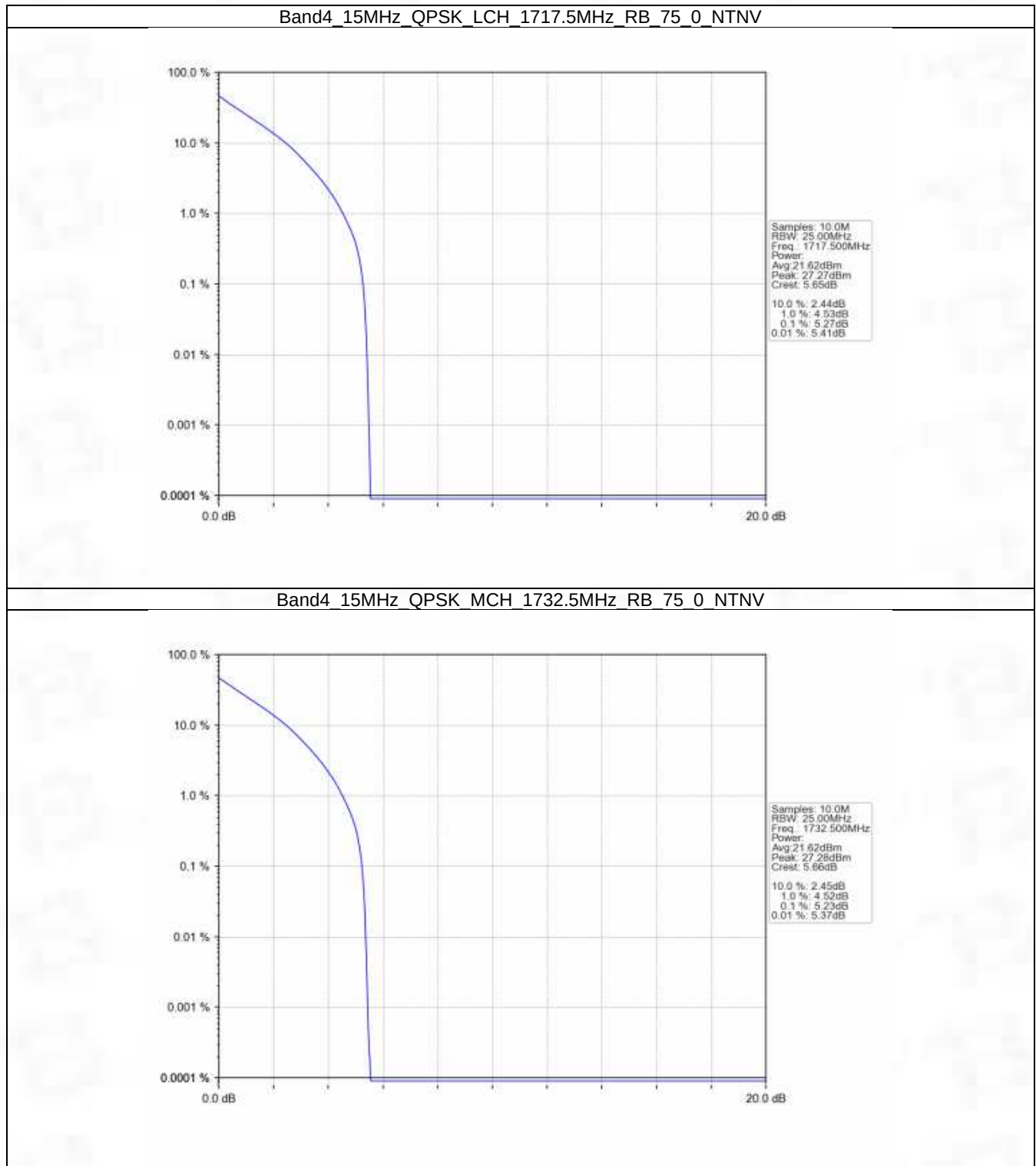


Band4 10MHz 16QAM HCH 1750MHz RB 27 23 NTNV



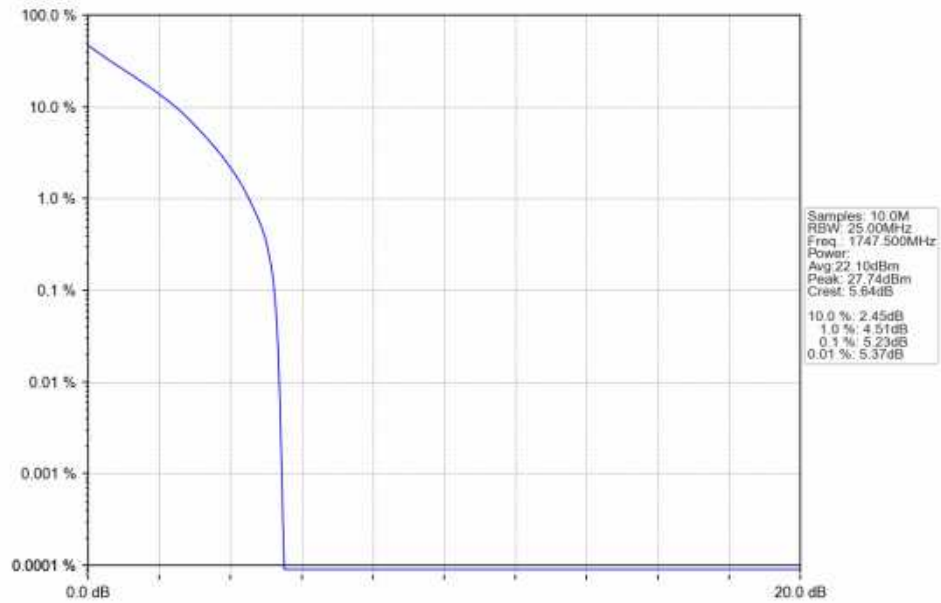


5.2.5 B4_15MHz

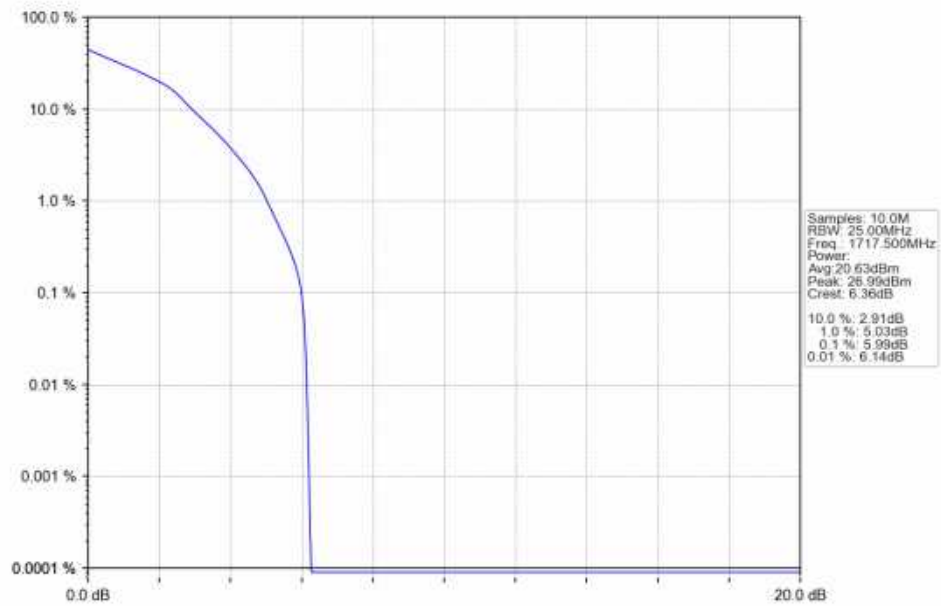




Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

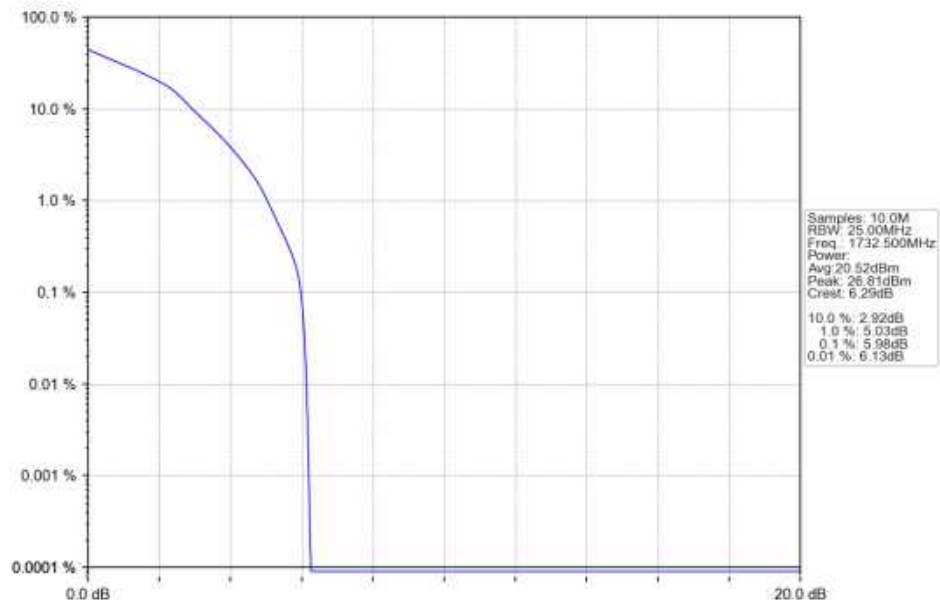


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV

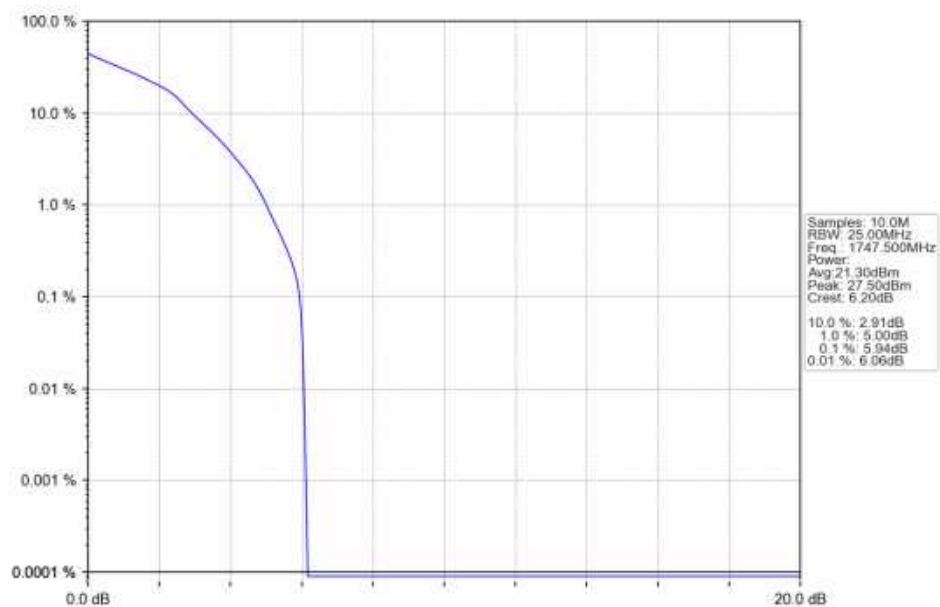




Band4 15MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV

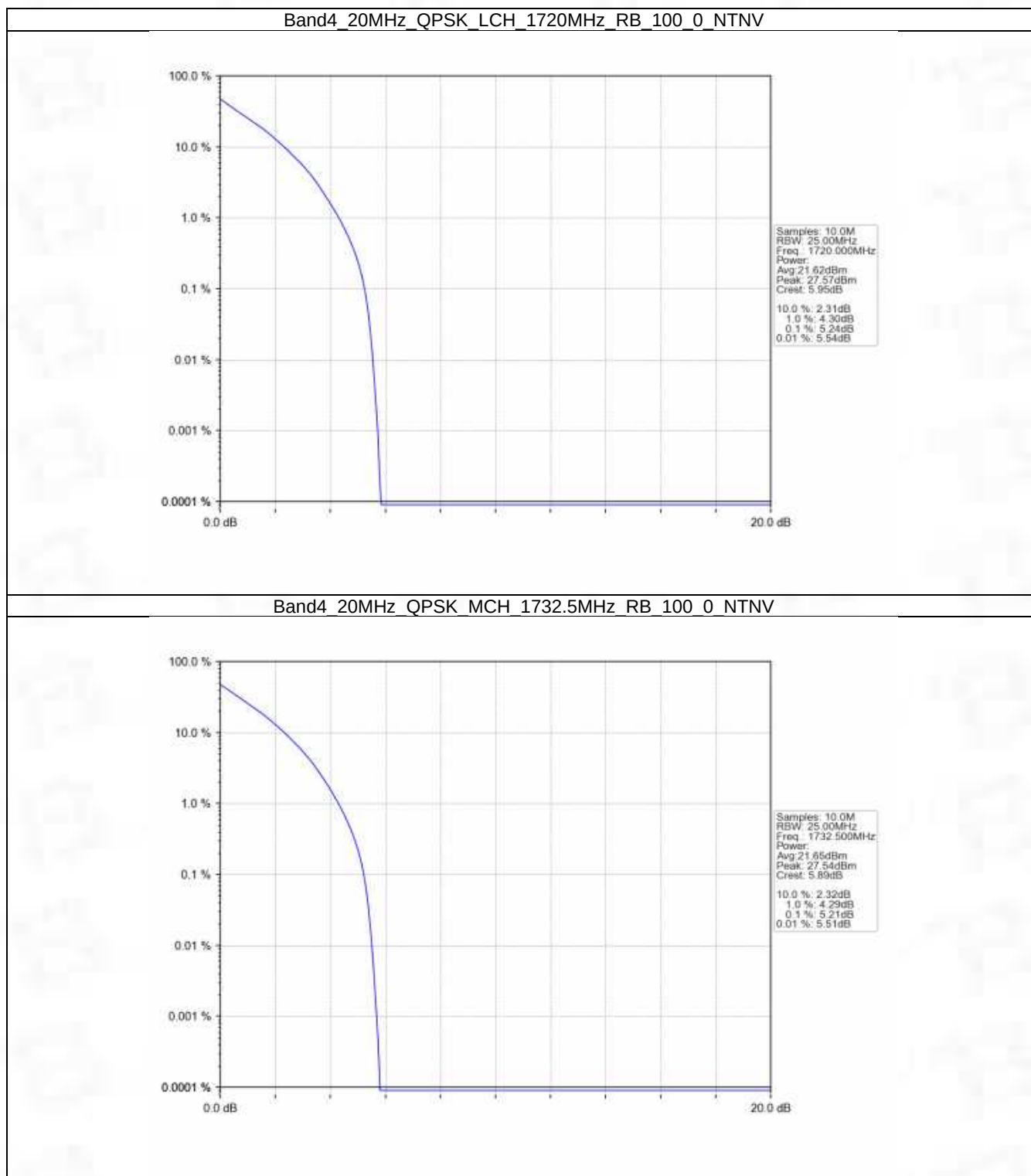


Band4 15MHz 16QAM HCH 1747.5MHz RB 27 48 NTNV



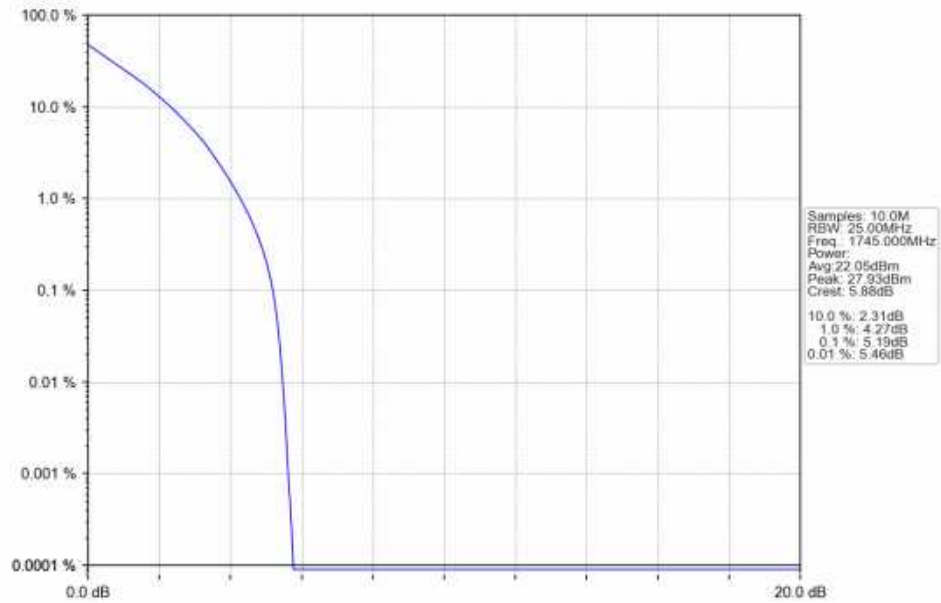


5.2.6 B4_20MHz

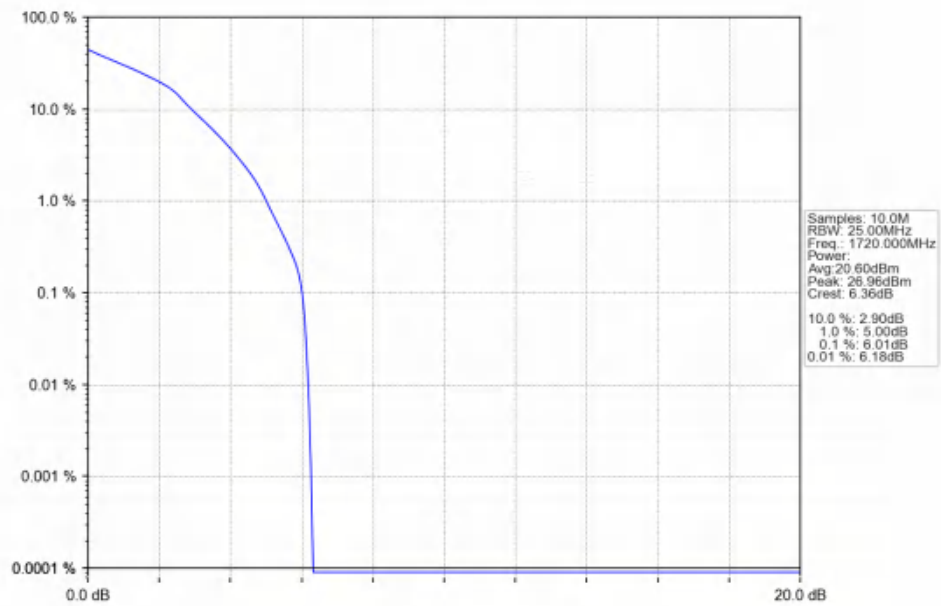




Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV

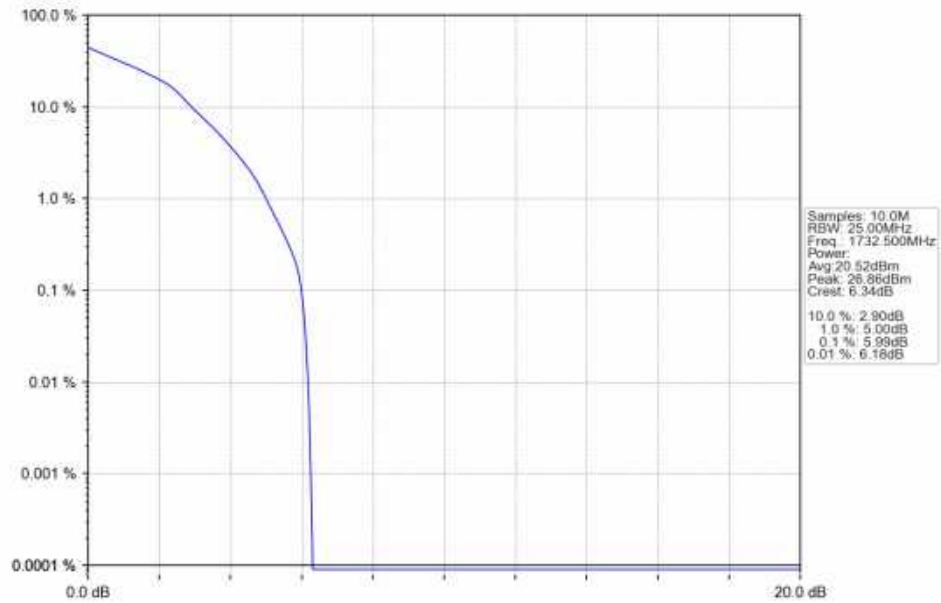


Band4 20MHz 16QAM LCH 1720MHz RB 27 0 NTNV

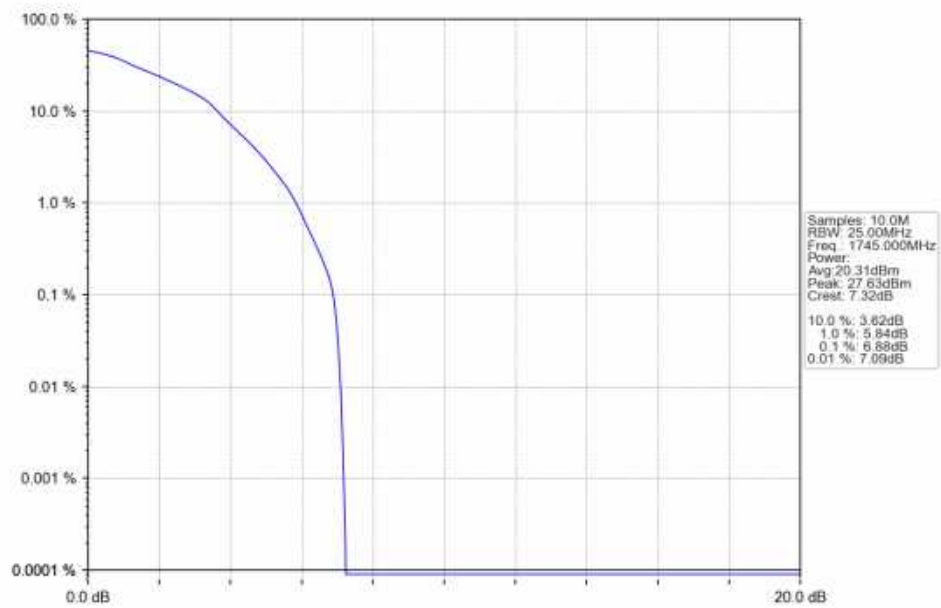




Band4 20MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 27 73 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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

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
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
			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
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	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
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

6.1.6 B4_20MHz

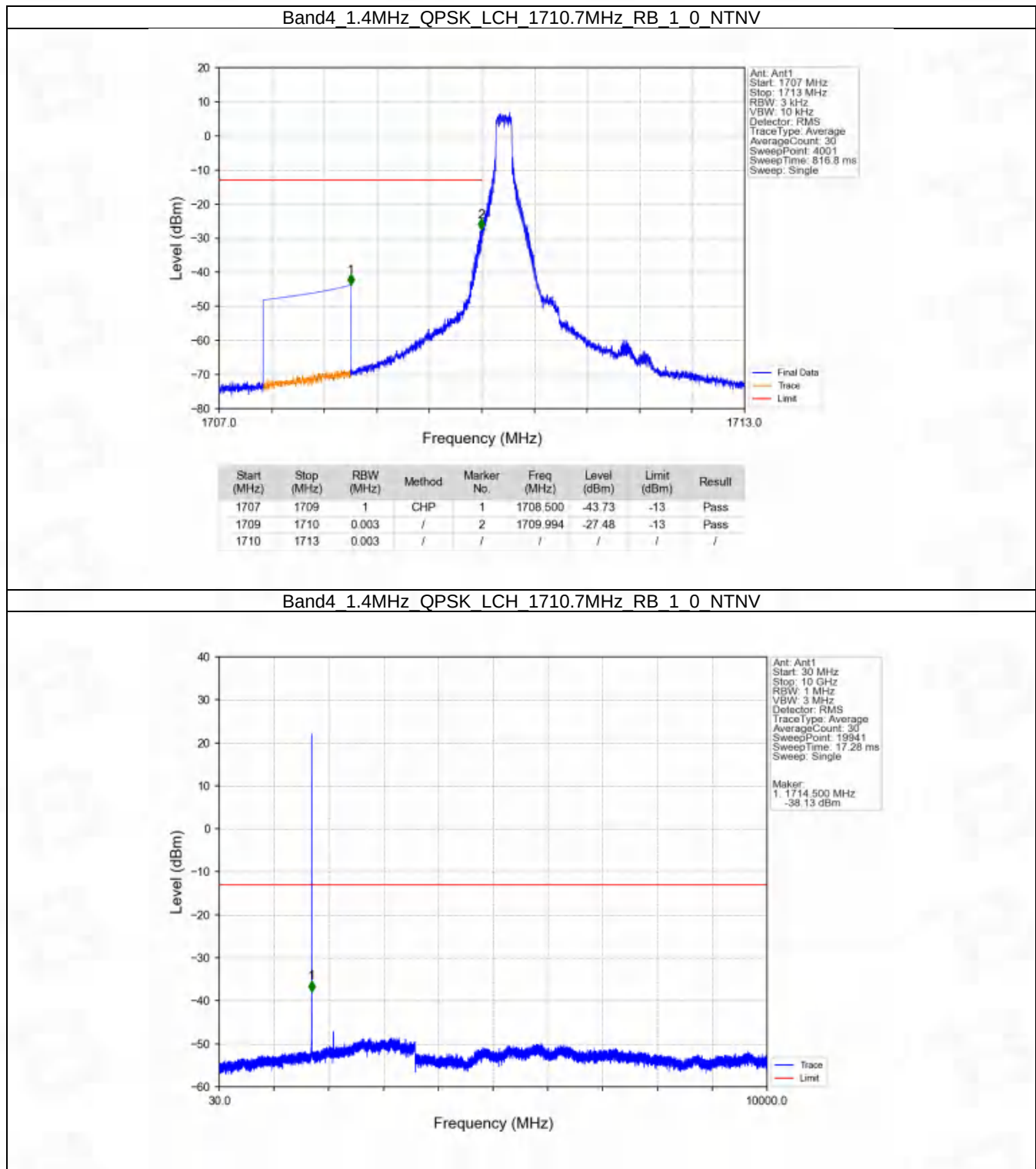
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass





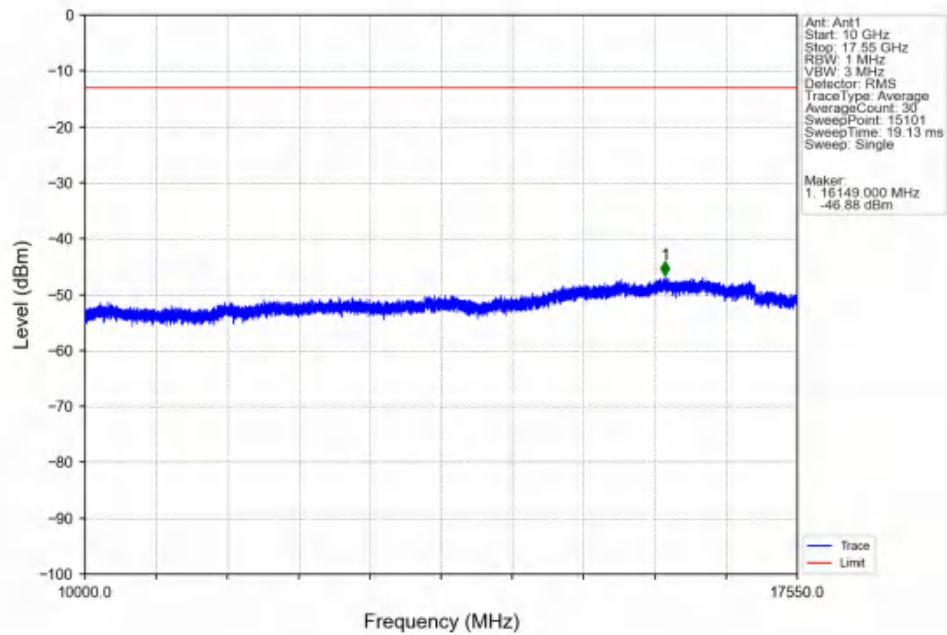
6.2 Test Graph

6.2.1 B4_1.4MHz

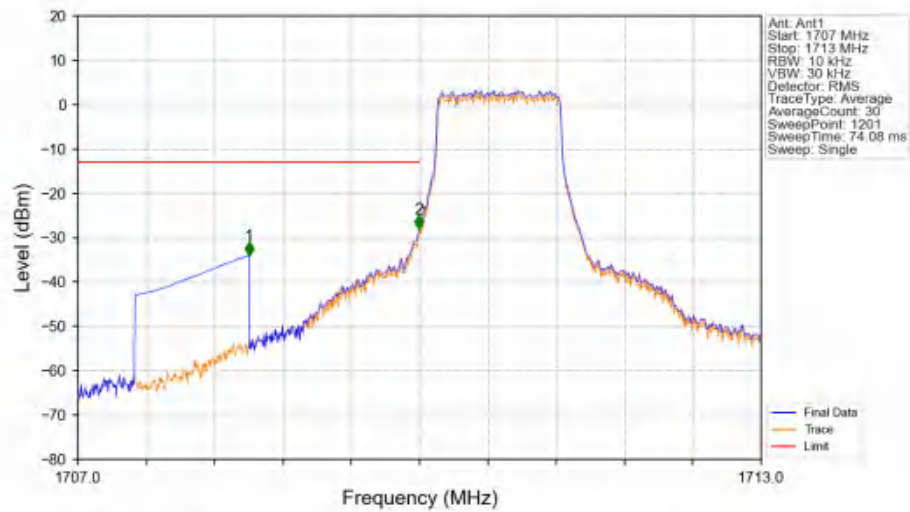




Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



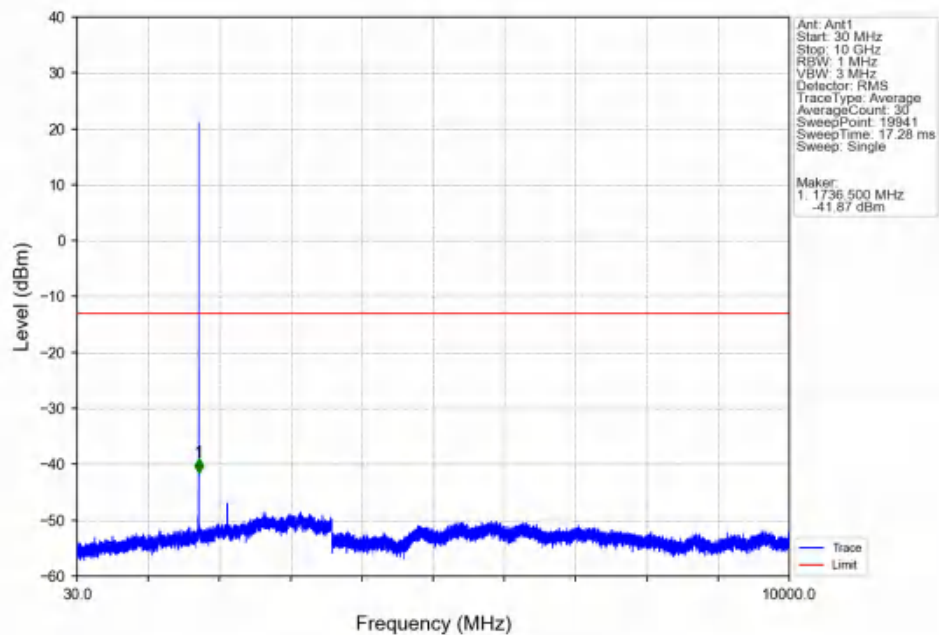
Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV



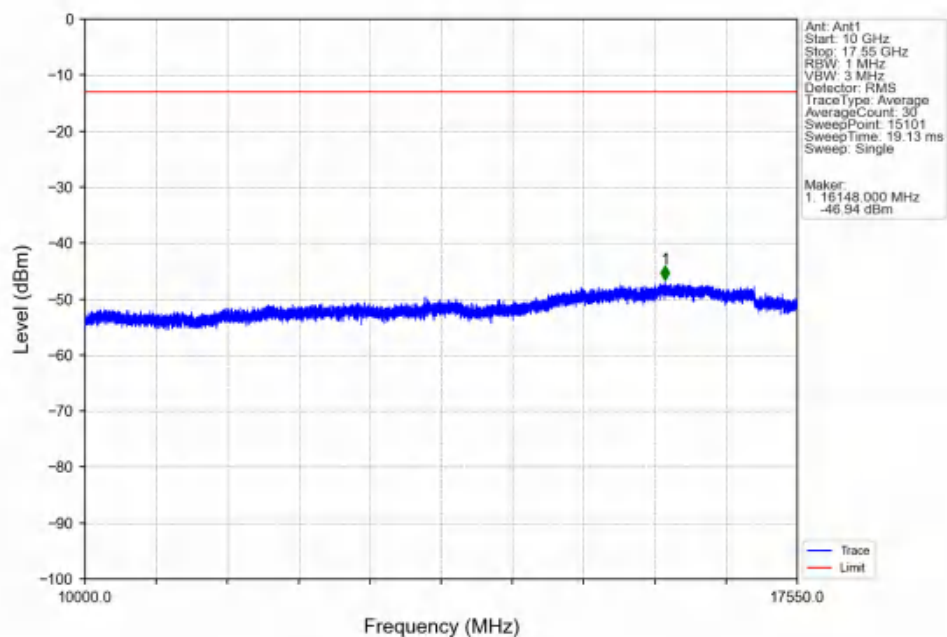
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.99	-13	Pass
1709	1710	0.014	CHP	2	1709.995	-27.95	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/



Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV

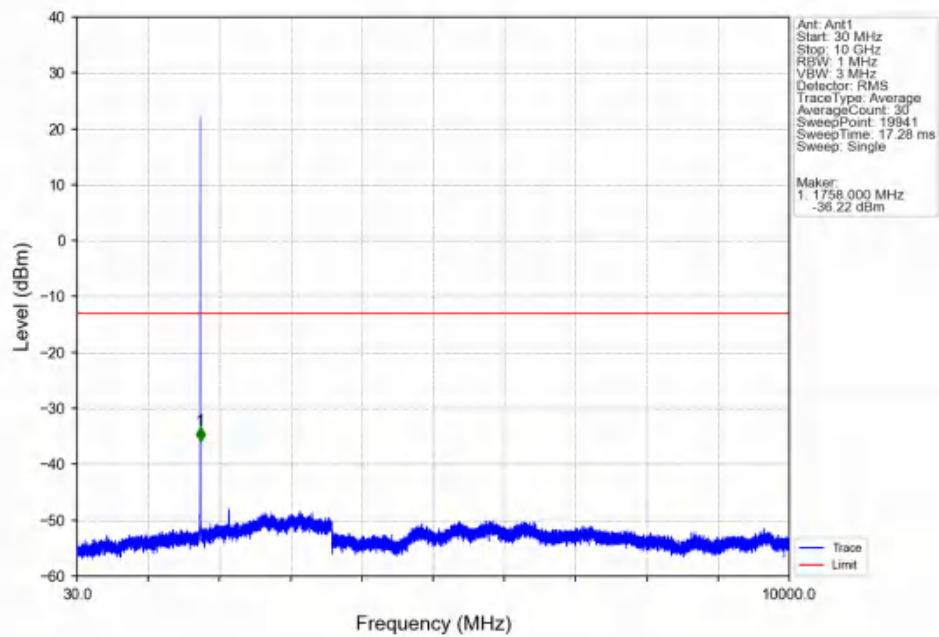


Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV

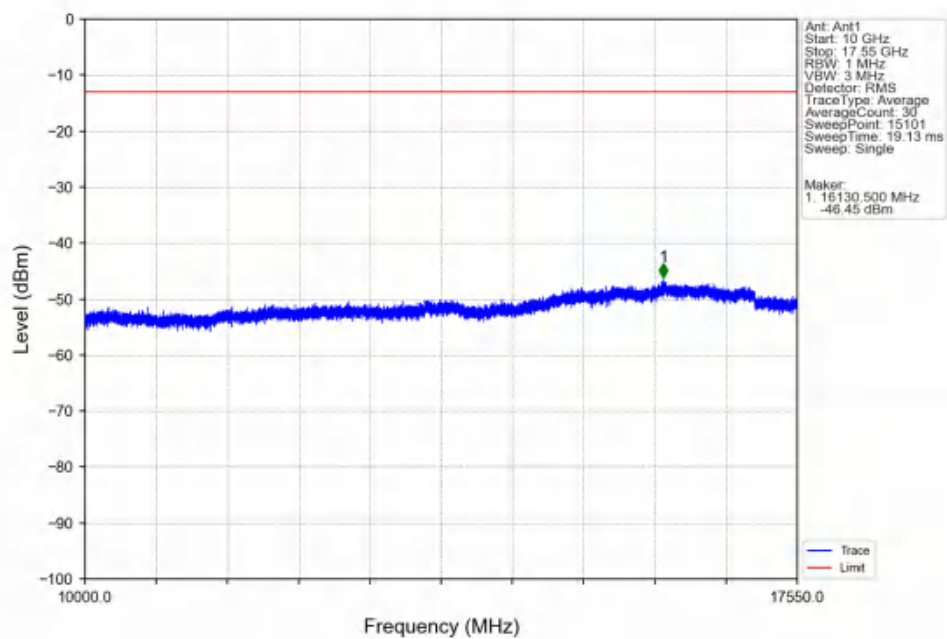




Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV

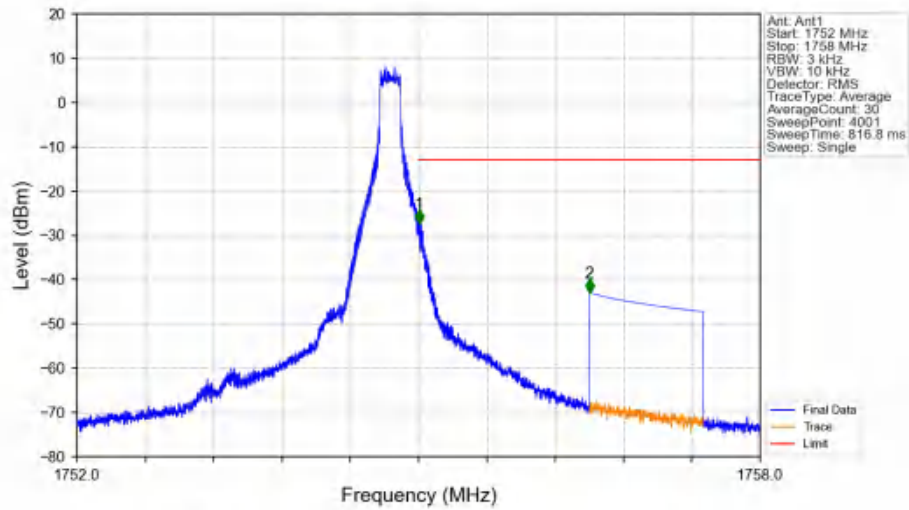


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



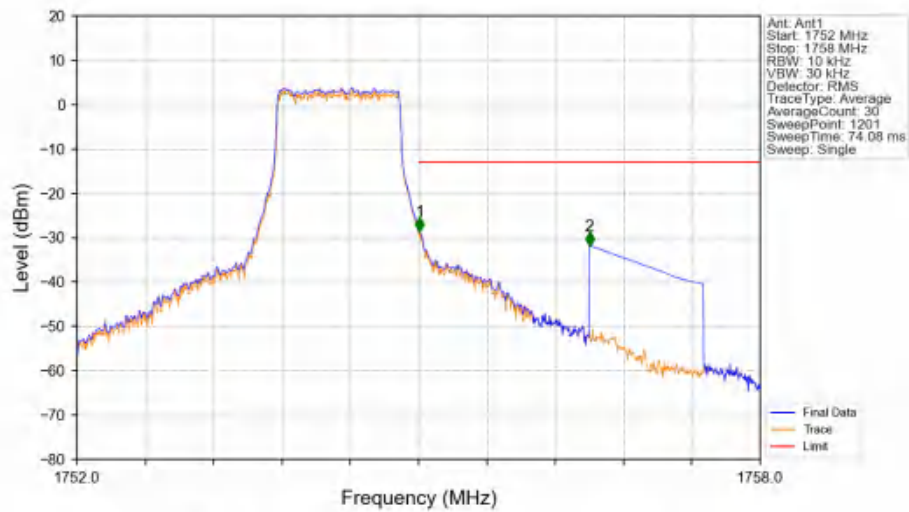


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-27.25	-13	Pass
1756	1758	1	CHP	2	1756.500	-42.96	-13	Pass

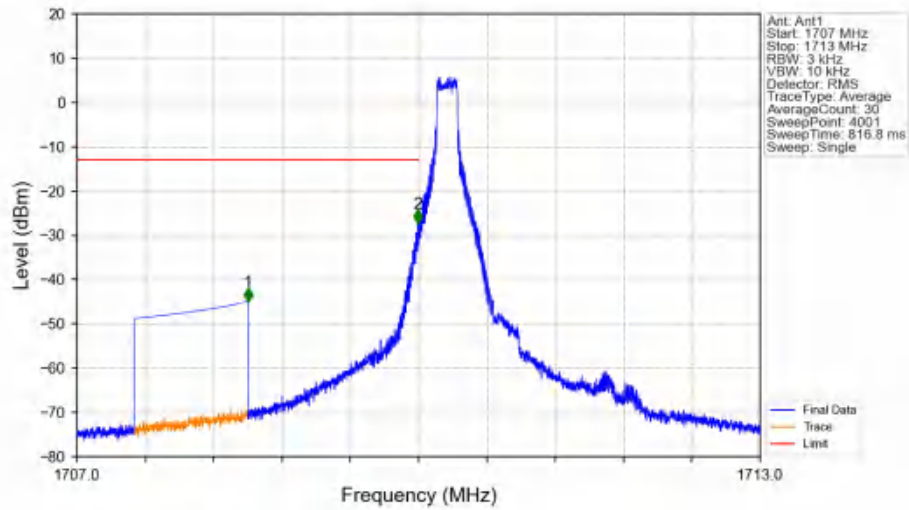
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.010	-28.60	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.81	-13	Pass

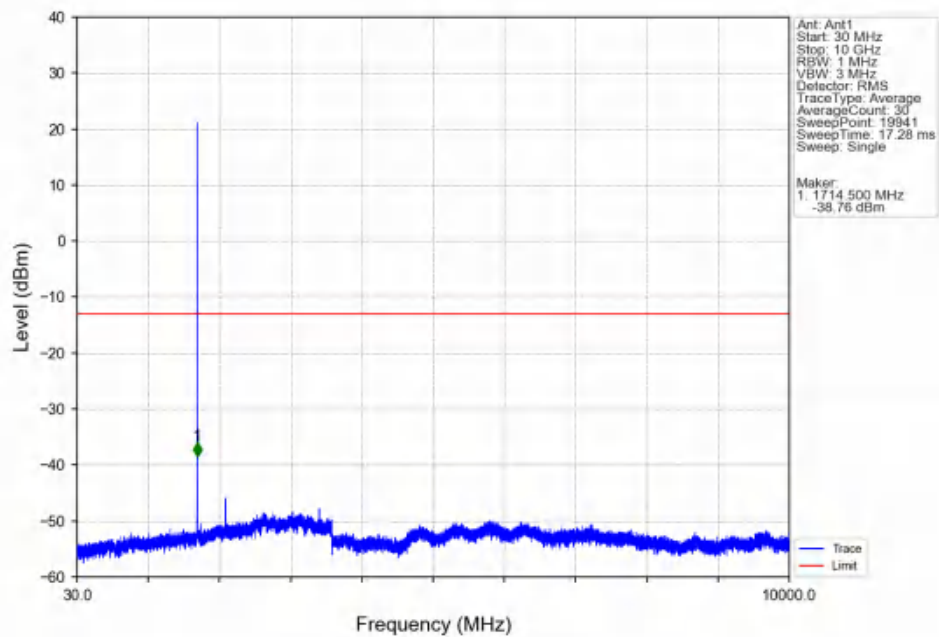


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTV



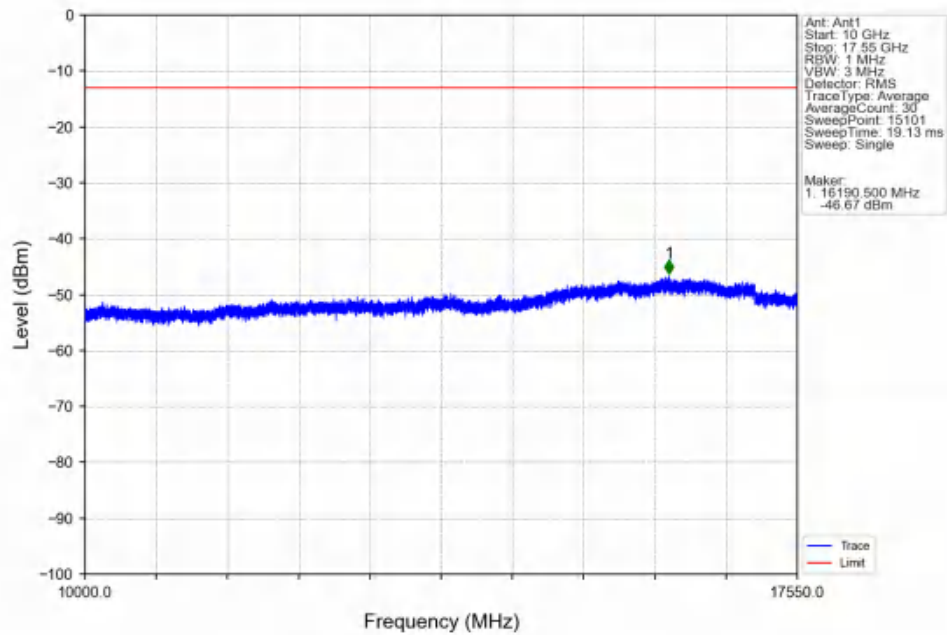
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-44.90	-13	Pass
1709	1710	0.003	/	2	1709.994	-27.31	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

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

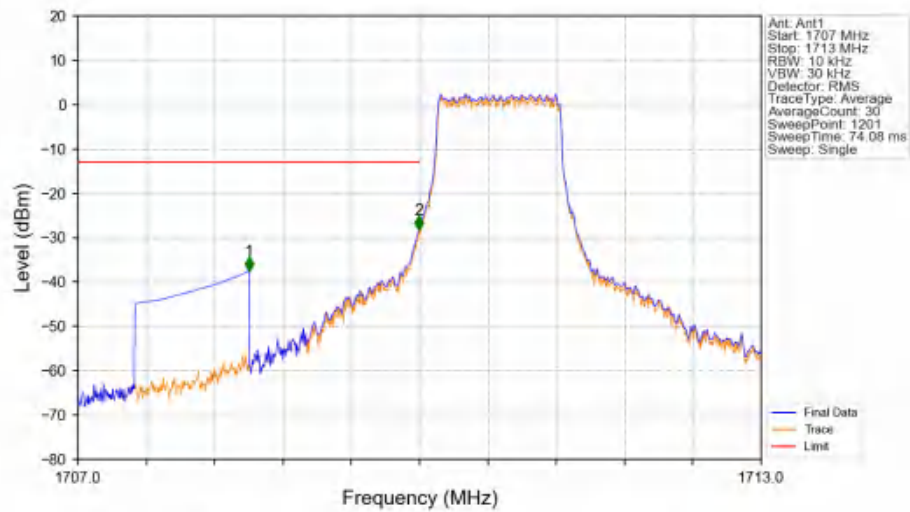




Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



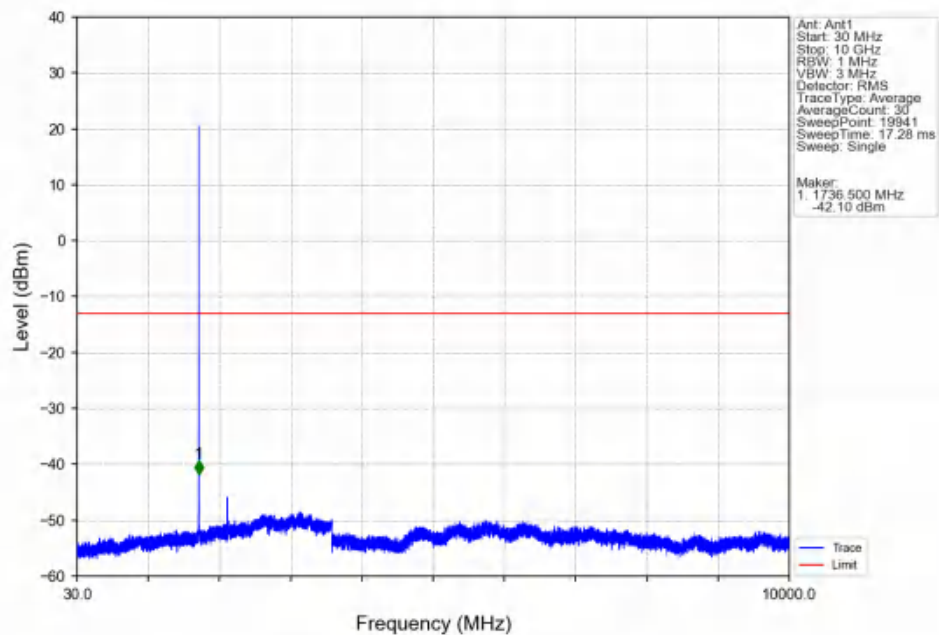
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



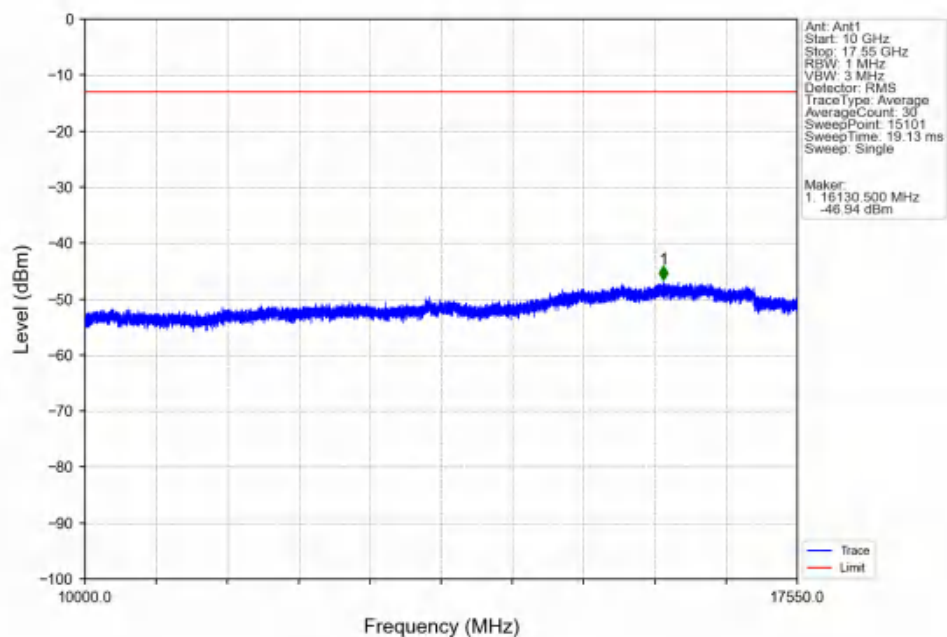
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-37.52	-13	Pass
1709	1710	0.014	CHP	2	1709.995	-28.15	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/



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

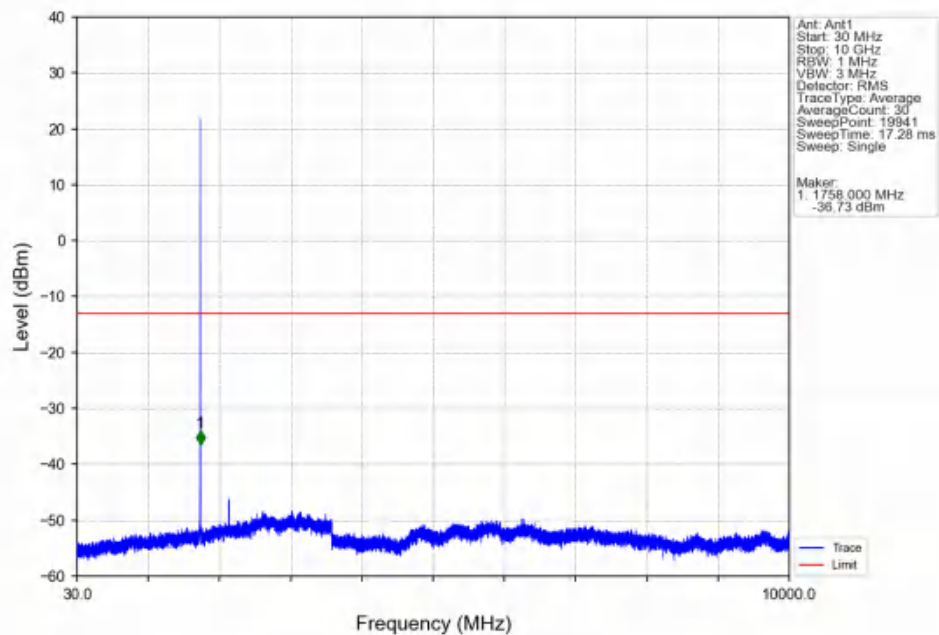


Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTV

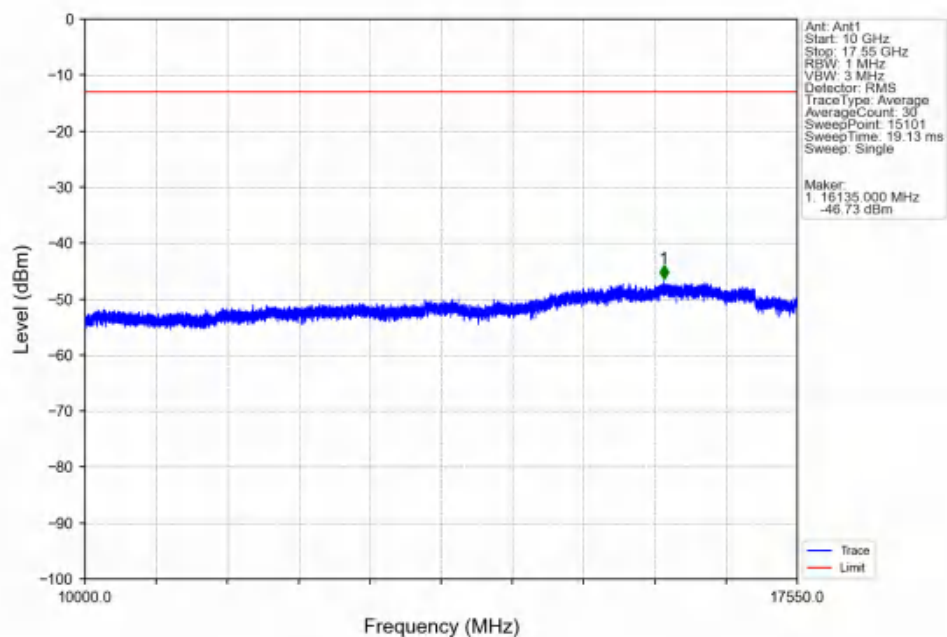




Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV

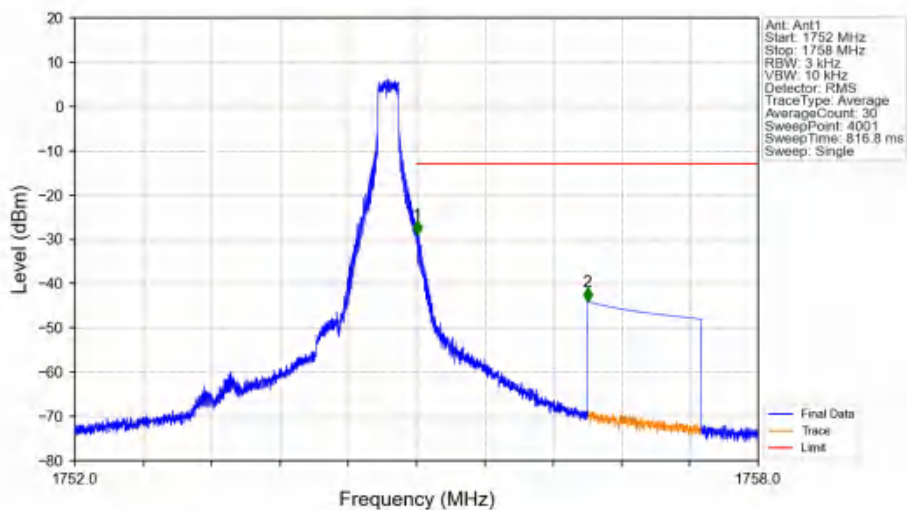


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



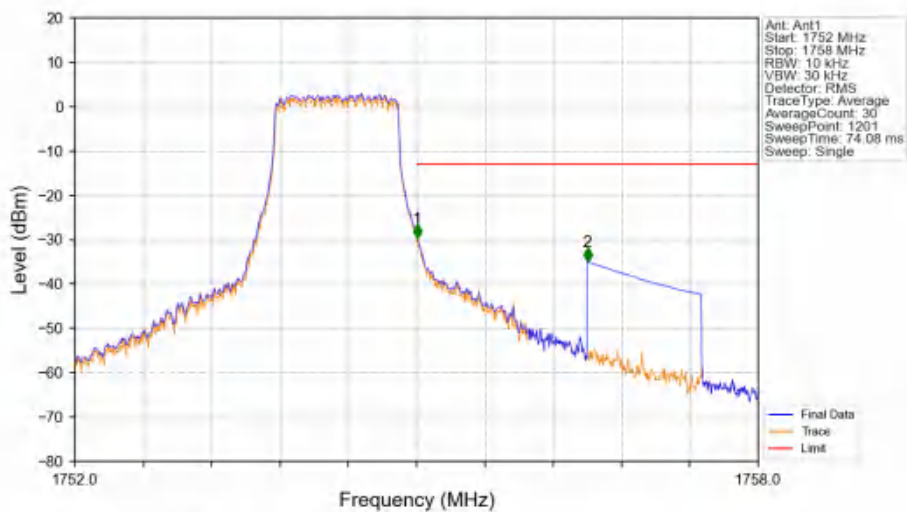


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 5 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-28.90	-13	Pass
1756	1758	1	CHP	2	1756.500	-44.02	-13	Pass

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

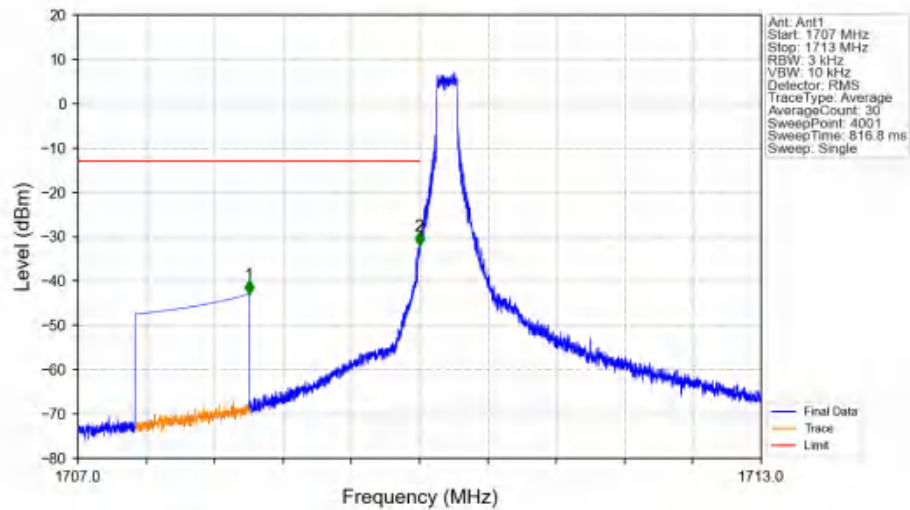


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.005	-29.66	-13	Pass
1756	1758	1	CHP	2	1756.500	-35.03	-13	Pass



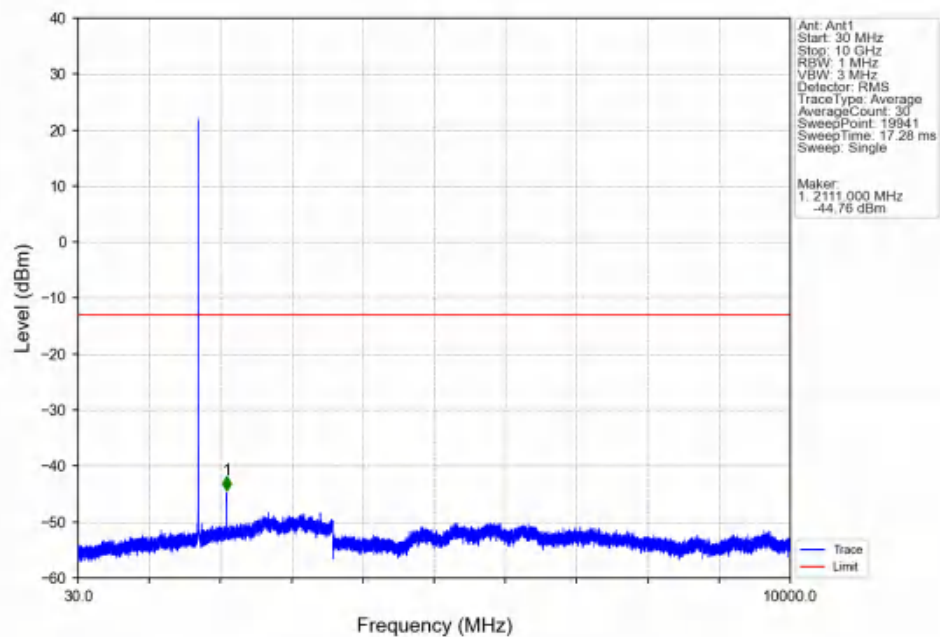
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



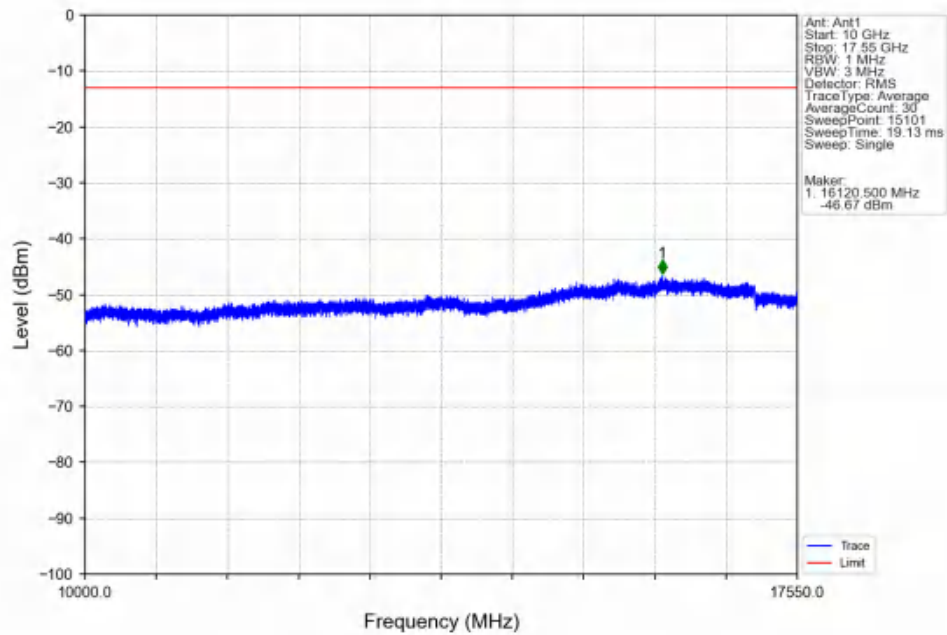
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-42.91	-13	Pass
1709	1710	0.003	/	2	1709.997	-32.07	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

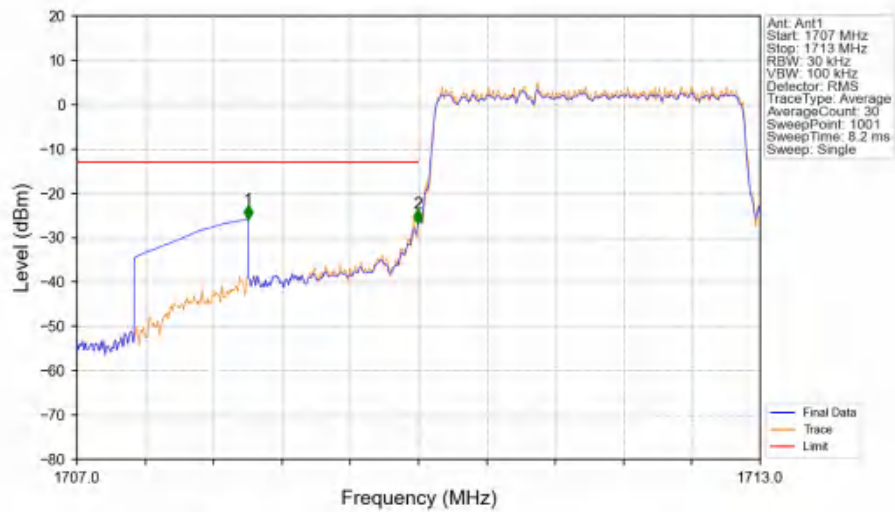




Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



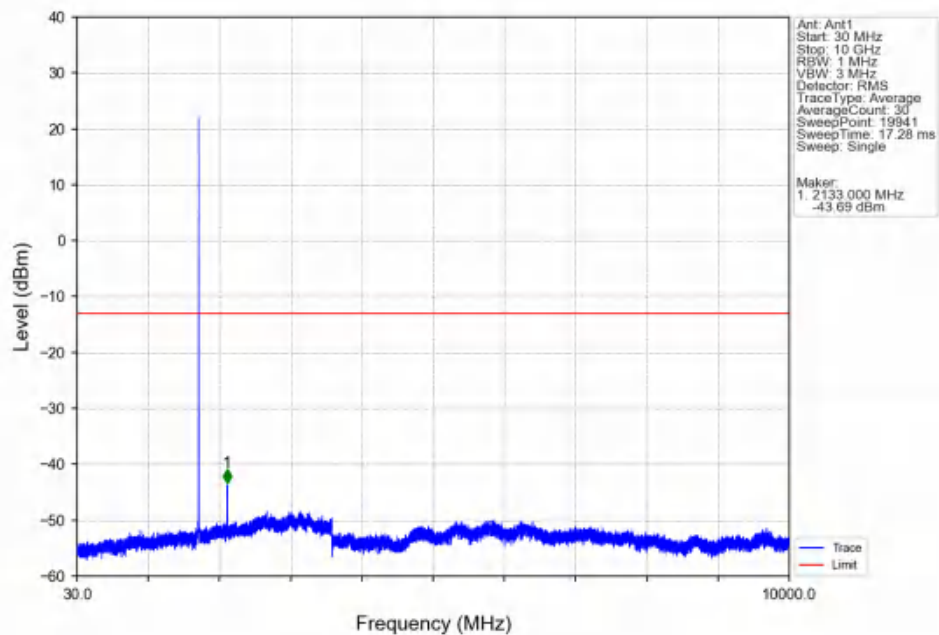
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



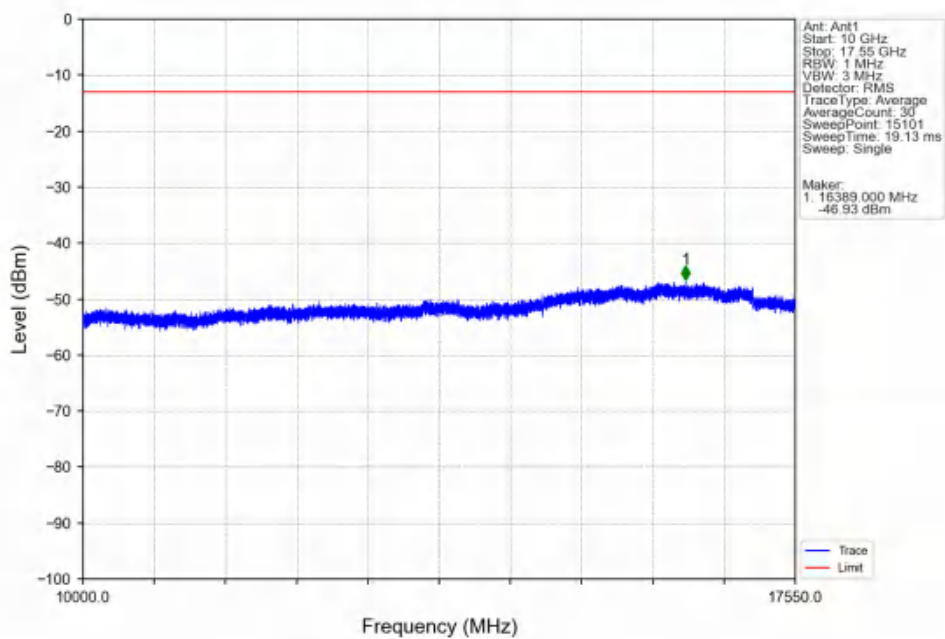
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-25.85	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-26.80	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

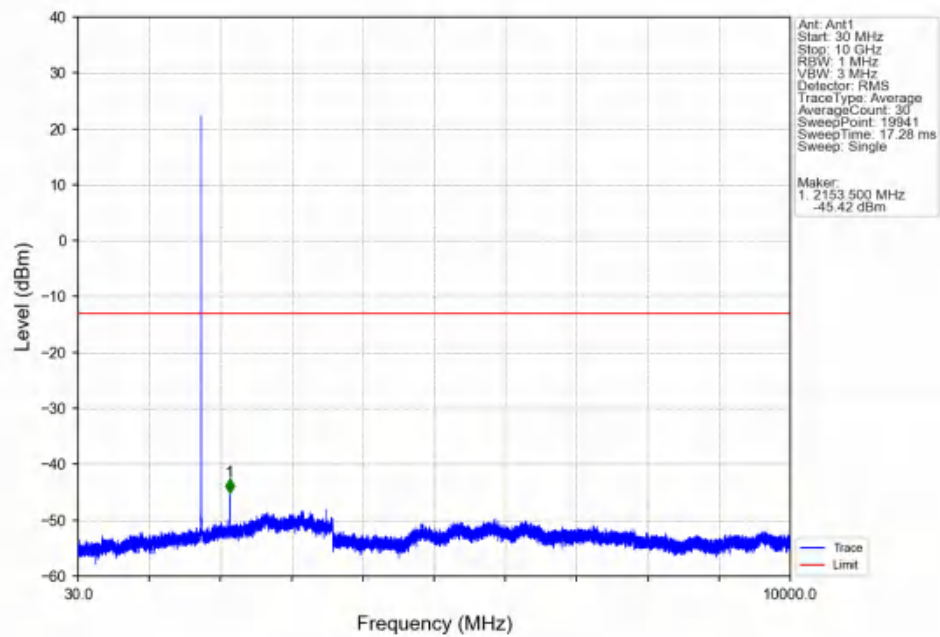


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

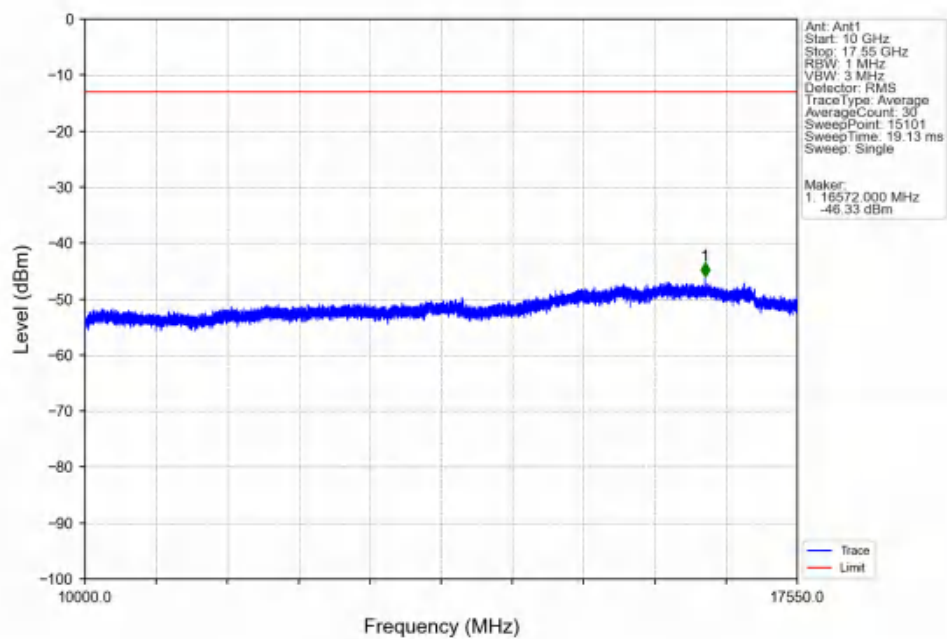




Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

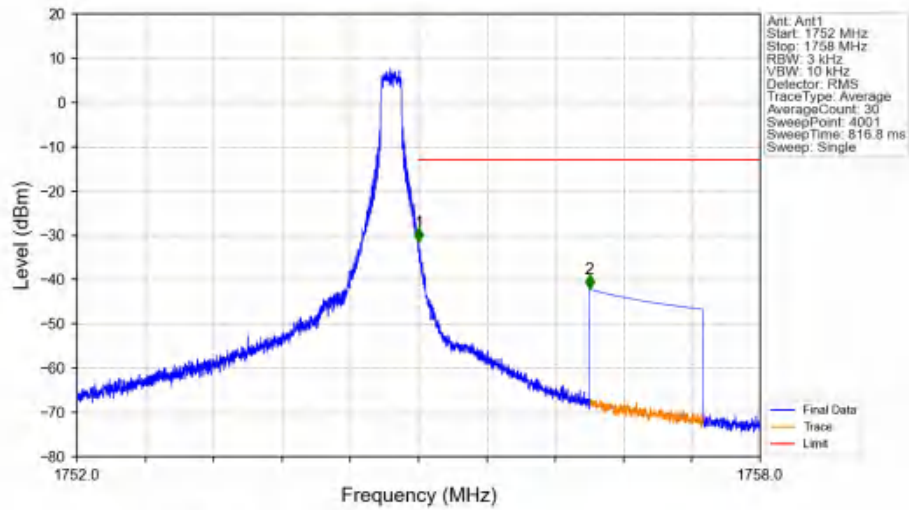


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



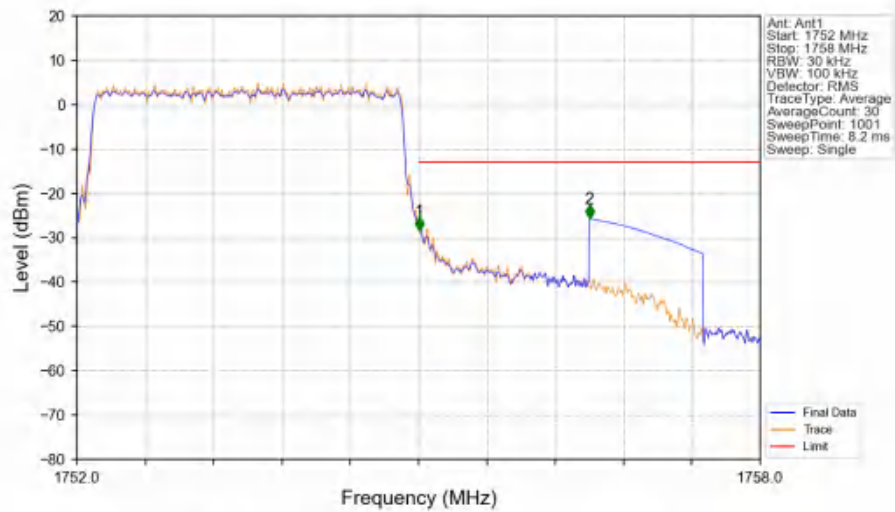


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



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	1755.003	-31.52	-13	Pass
1756	1758	1	CHP	2	1756.500	-42.14	-13	Pass

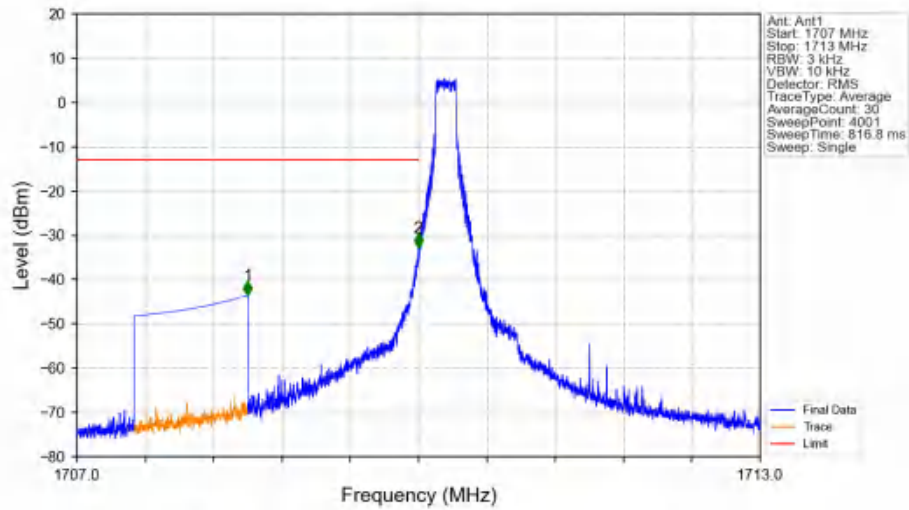
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.032	CHP	/	/	/	/	/
1755	1756	0.032	CHP	1	1755.006	-28.32	-13	Pass
1756	1758	1	CHP	2	1756.500	-25.71	-13	Pass

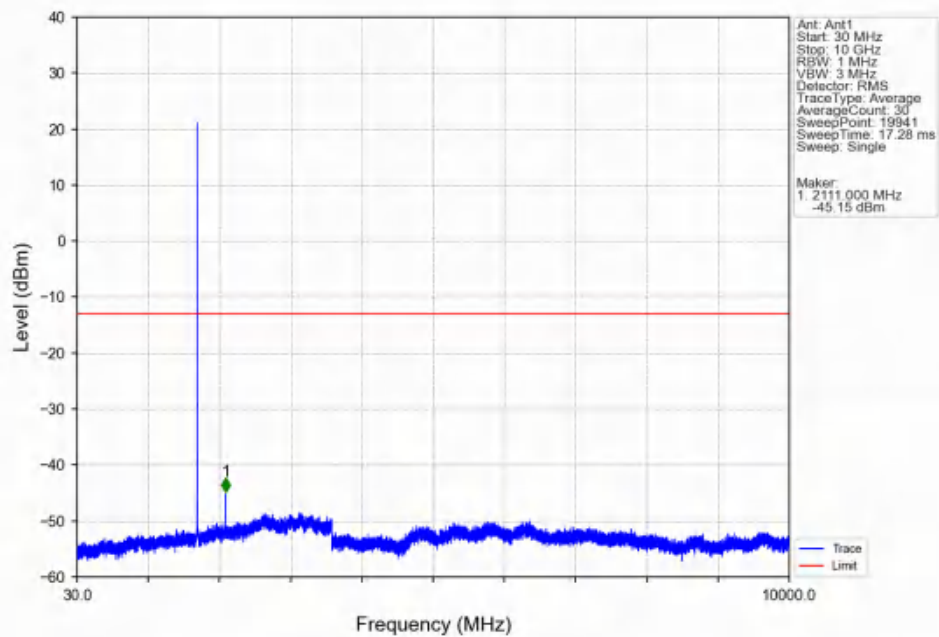


Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



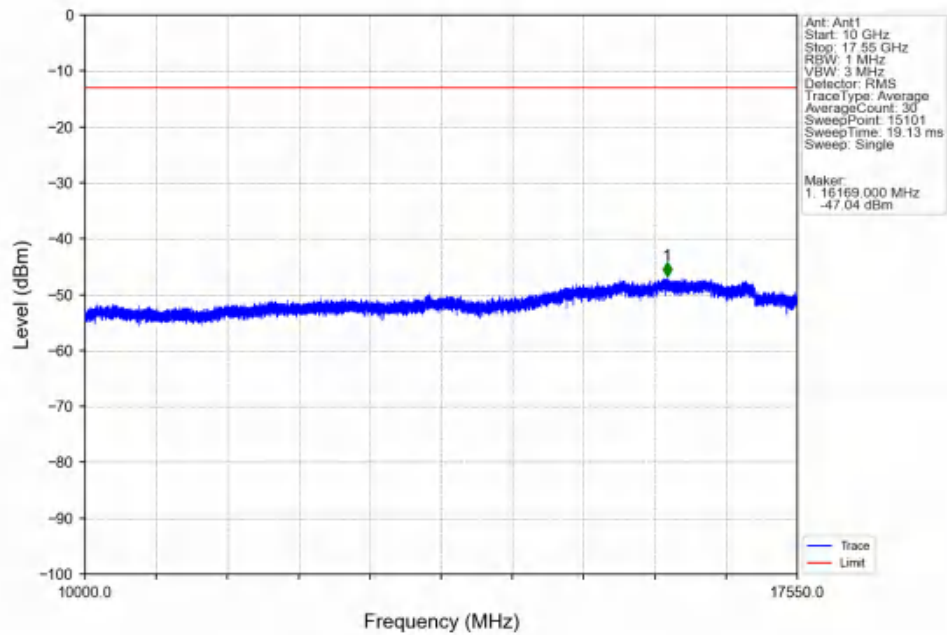
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-43.55	-13	Pass
1709	1710	0.003	/	2	1709.997	-32.71	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

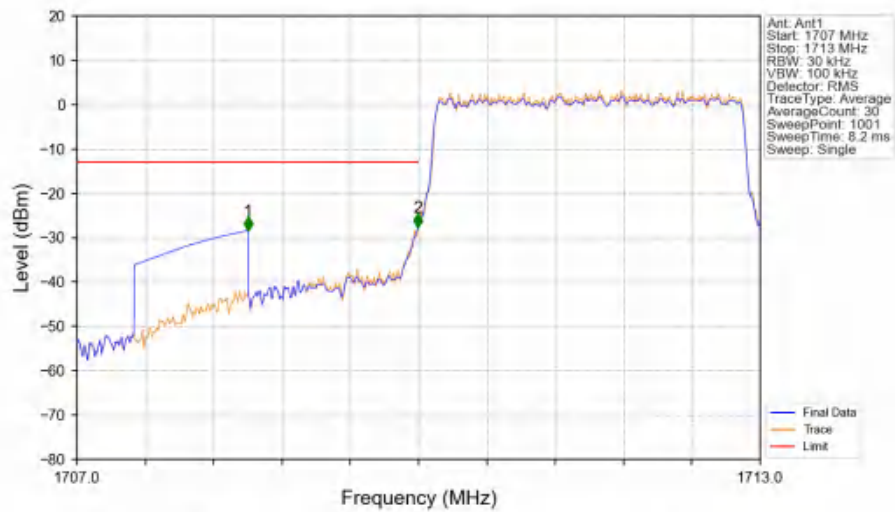




Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



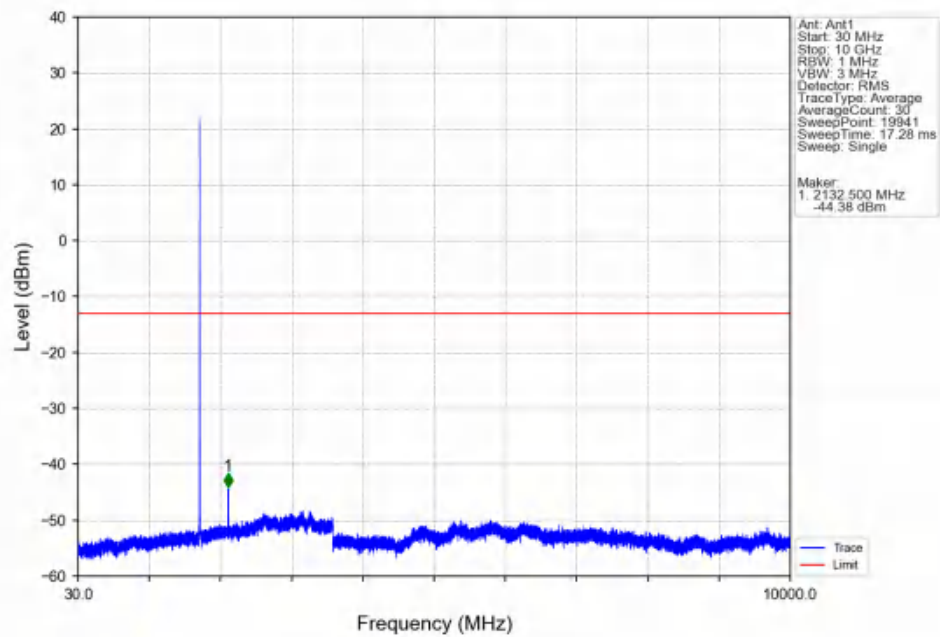
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



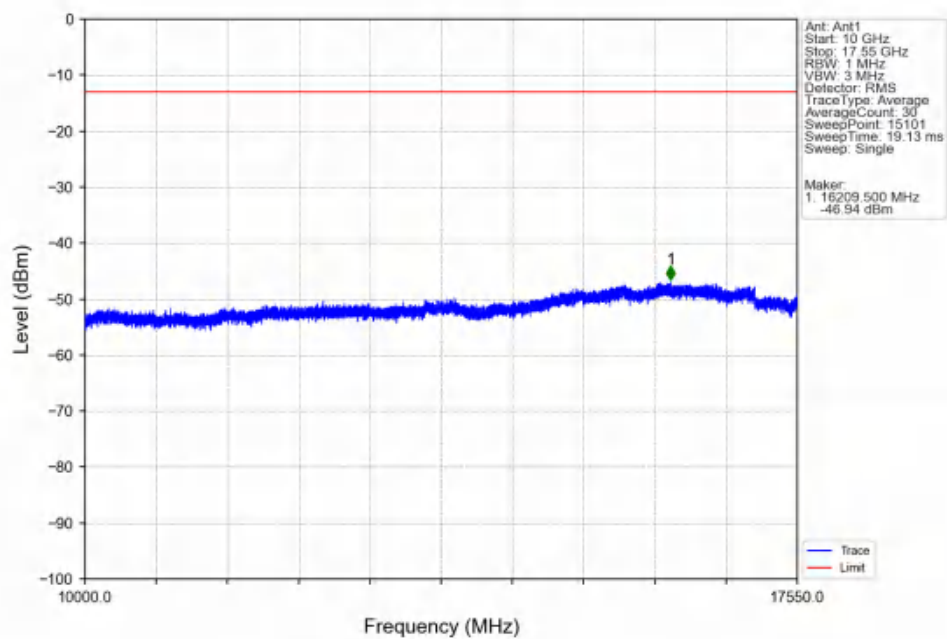
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-28.42	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-27.61	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

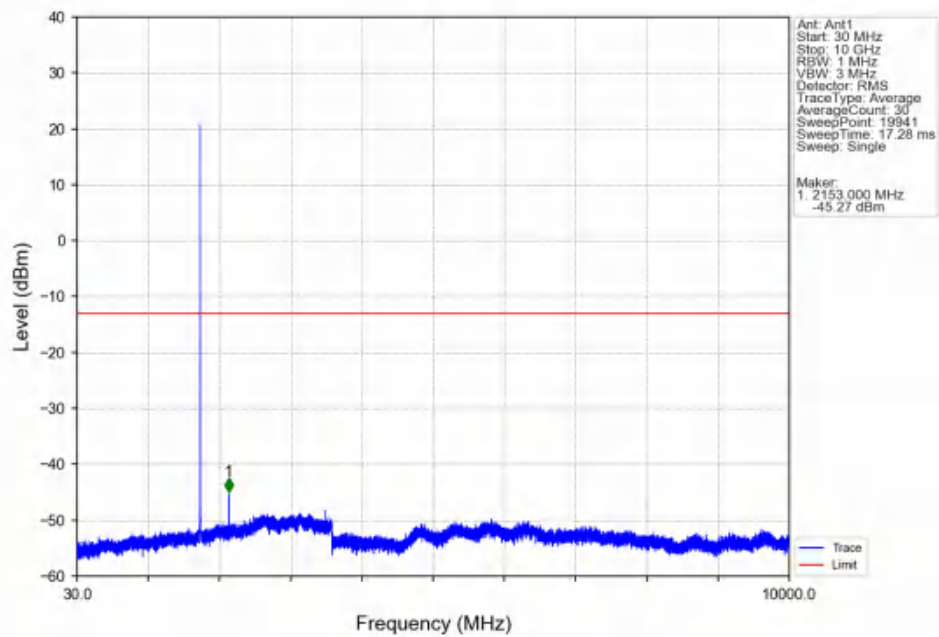


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

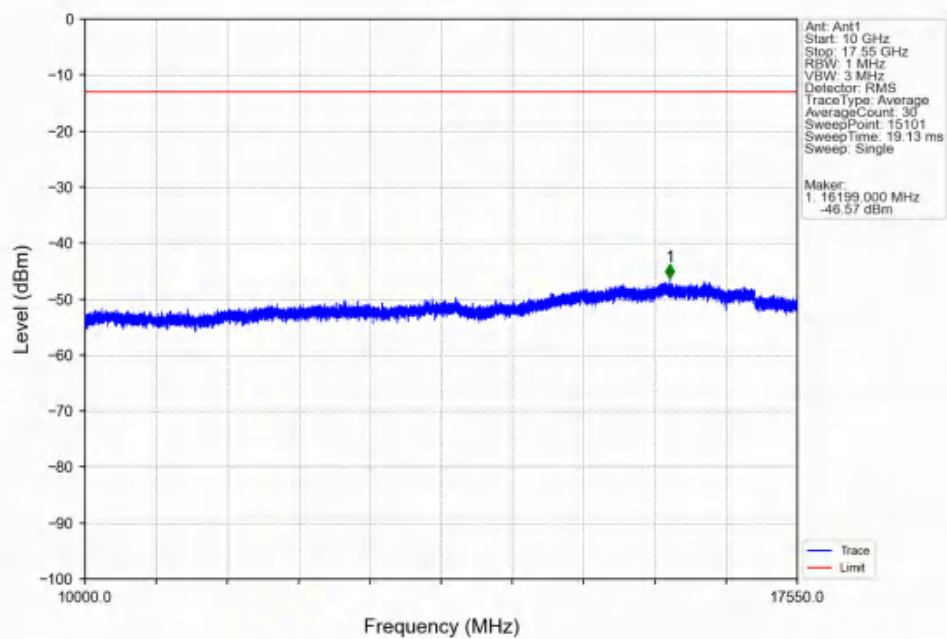




Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

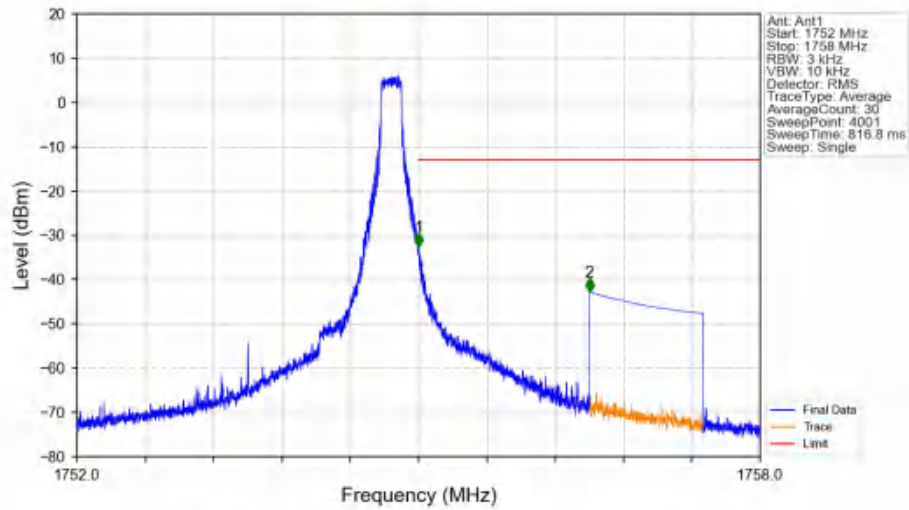


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



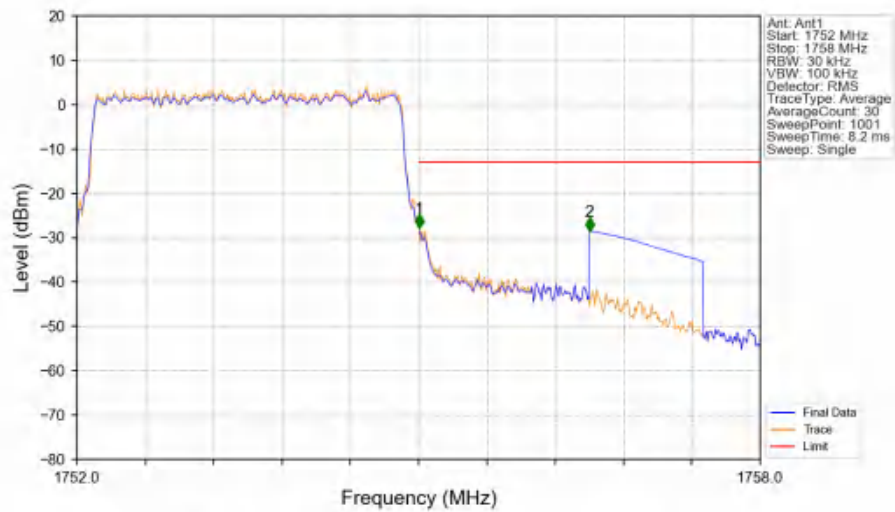


Band4 3MHz 16QAM HCH 1753.5MHz RB 1 14 NTV



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	1755.003	-32.63	-13	Pass
1756	1758	1	CHP	2	1756.500	-42.78	-13	Pass

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

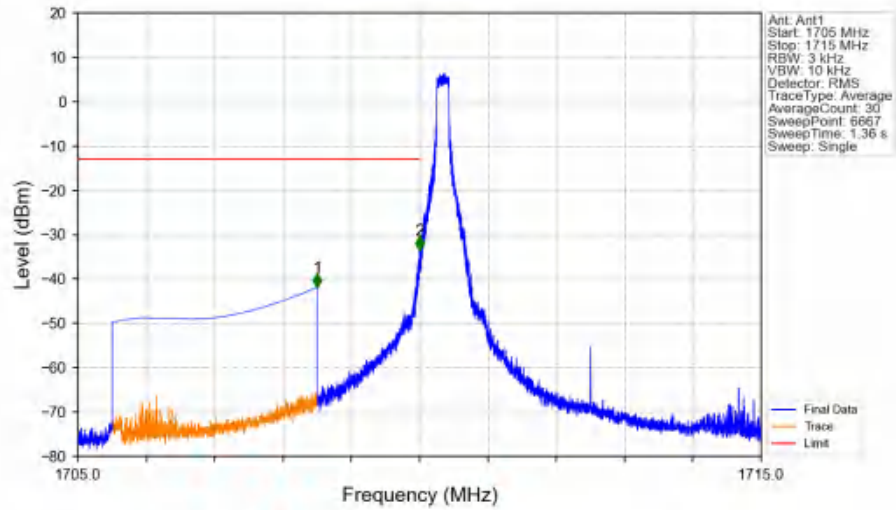


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-27.80	-13	Pass
1756	1758	1	CHP	2	1756.500	-28.51	-13	Pass



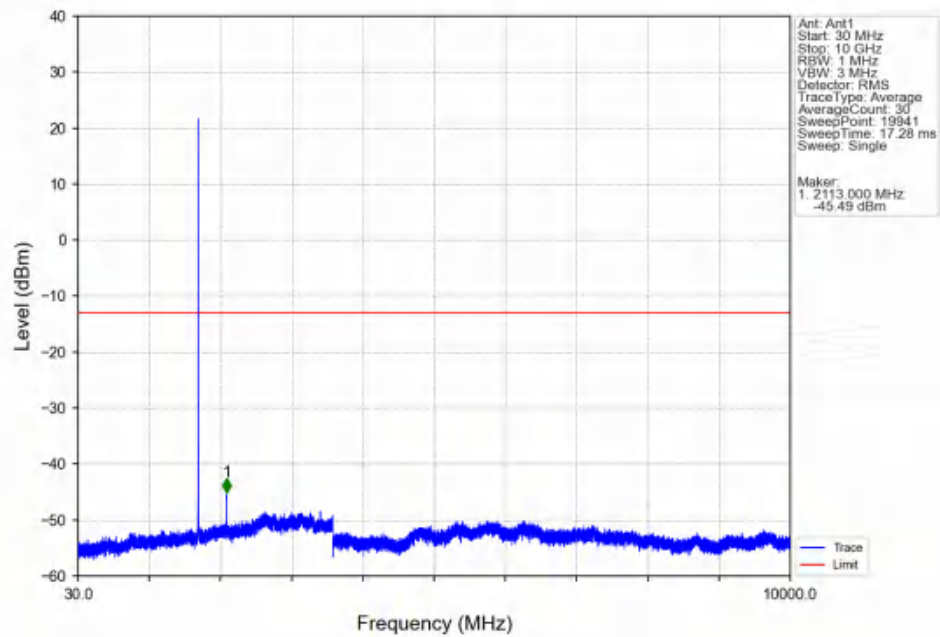
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



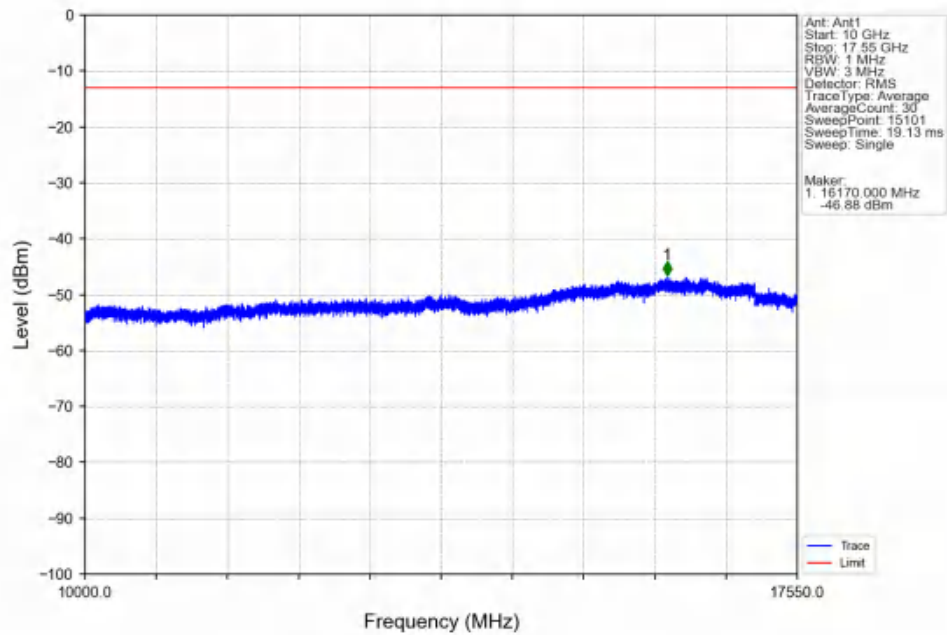
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-41.80	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.43	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

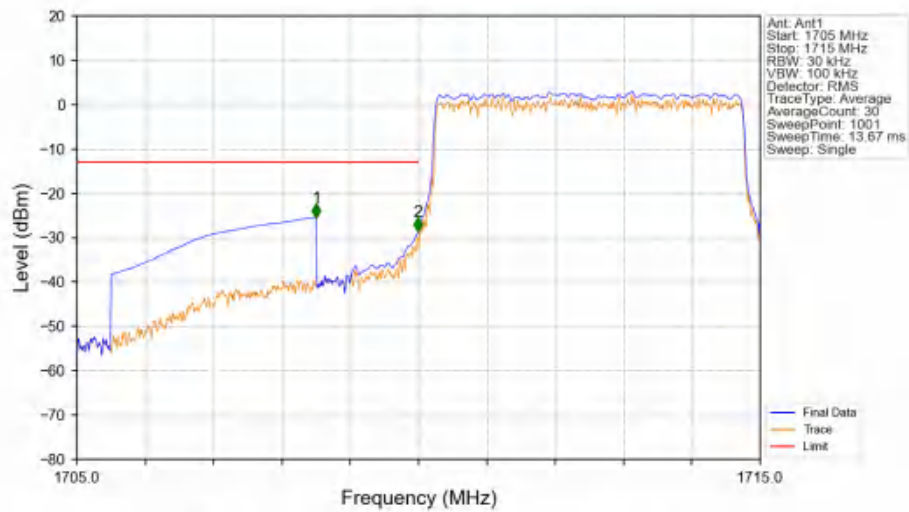




Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



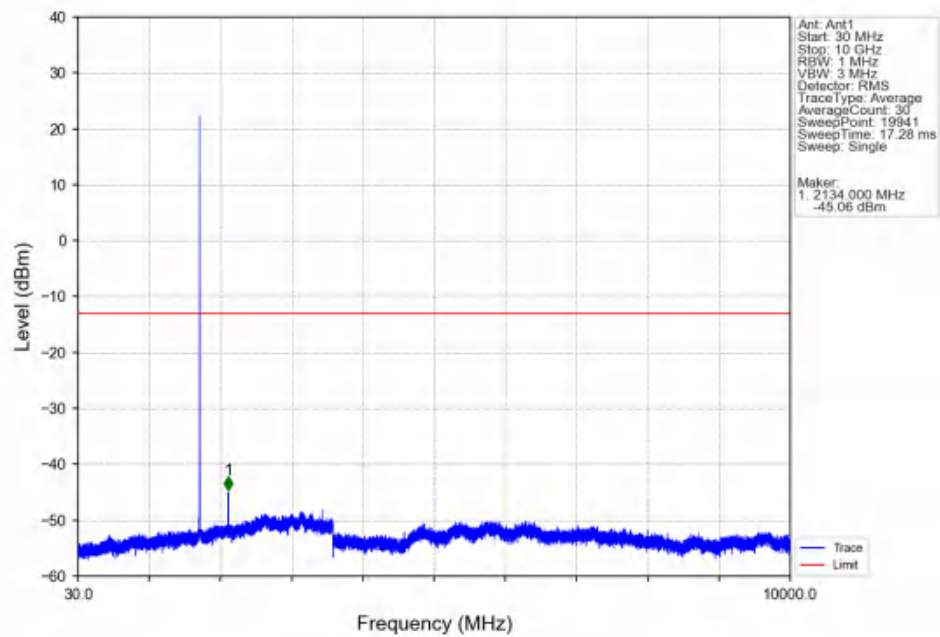
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



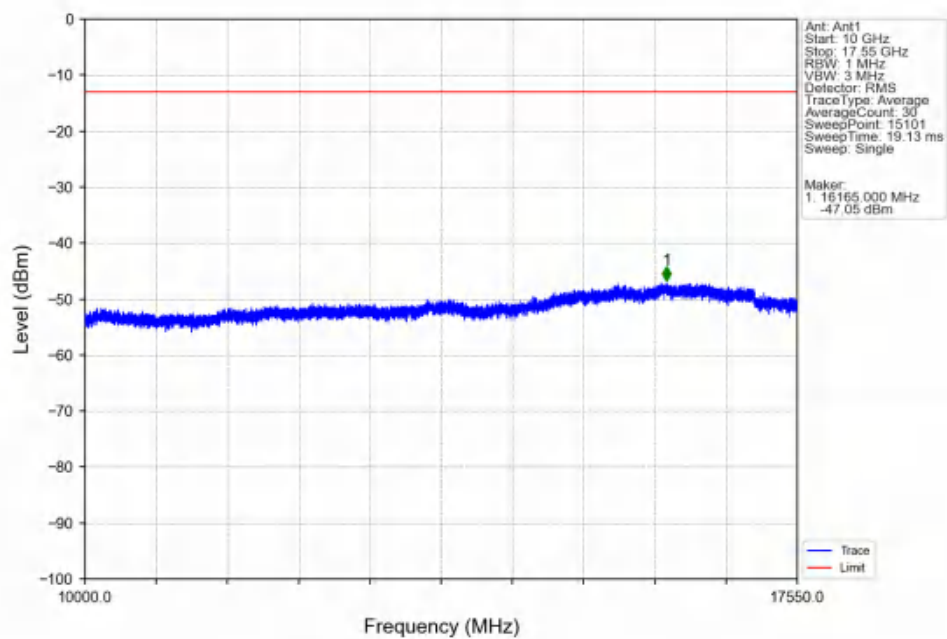
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-25.46	-13	Pass
1709	1710	0.052	CHP	2	1709.990	-28.65	-13	Pass
1710	1715	0.052	CHP	/	/	/	/	/



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

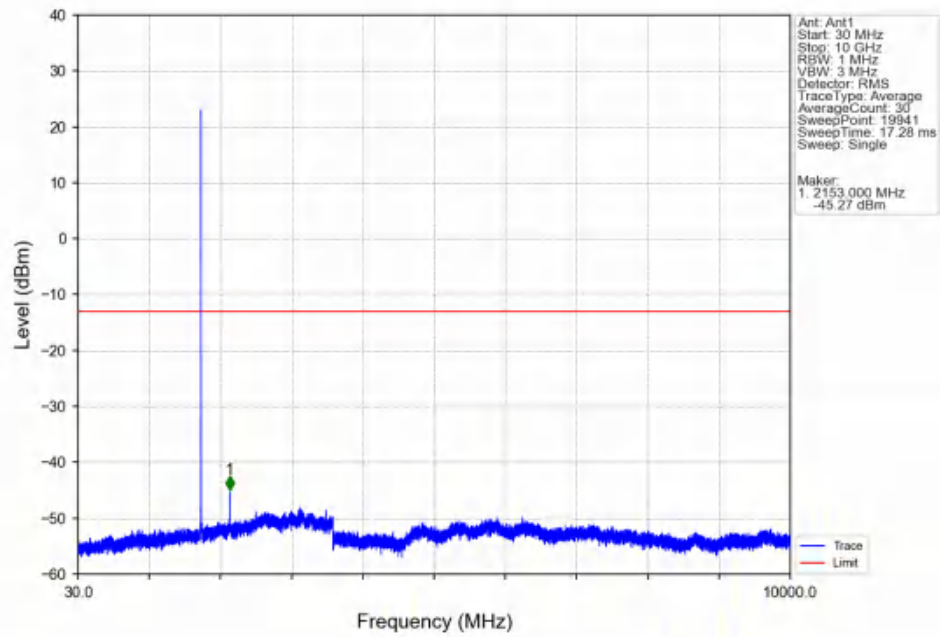


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

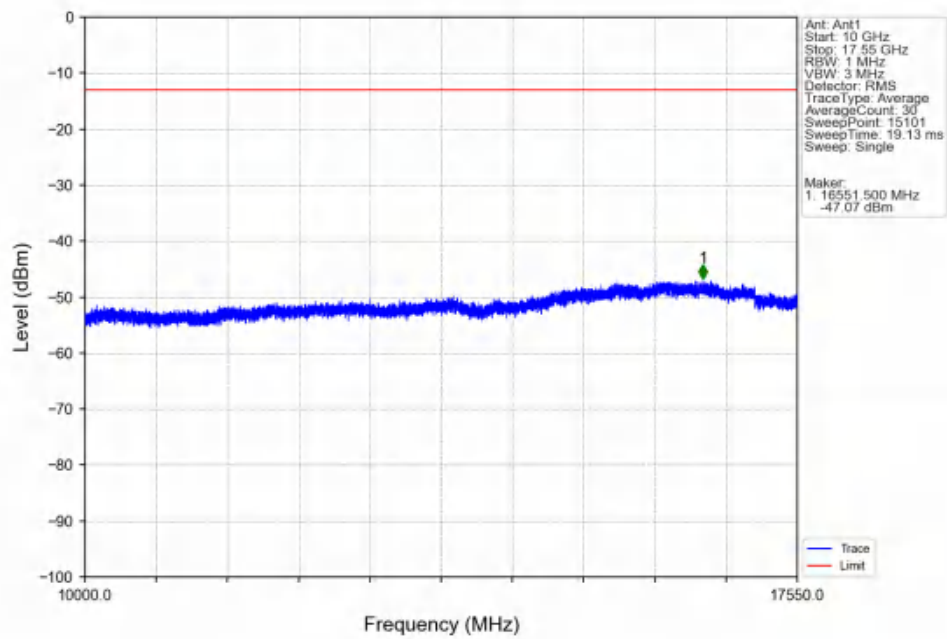




Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV

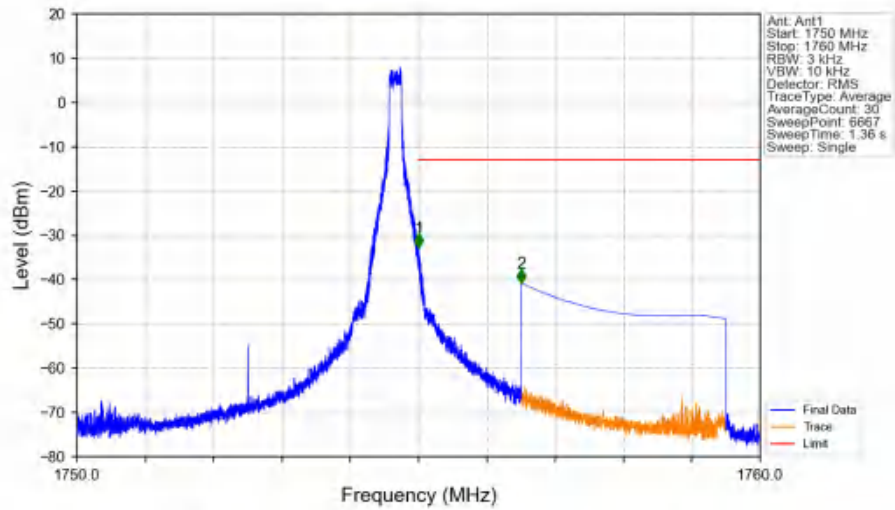


Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV

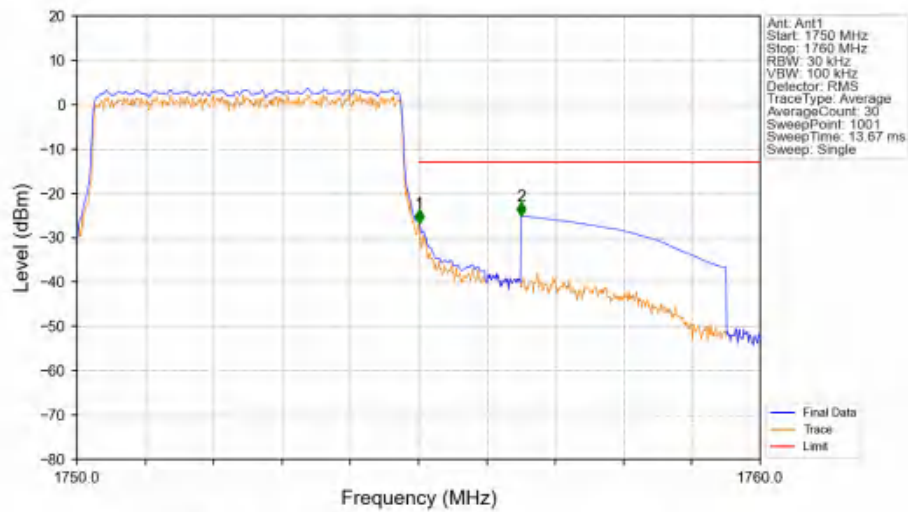




Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV

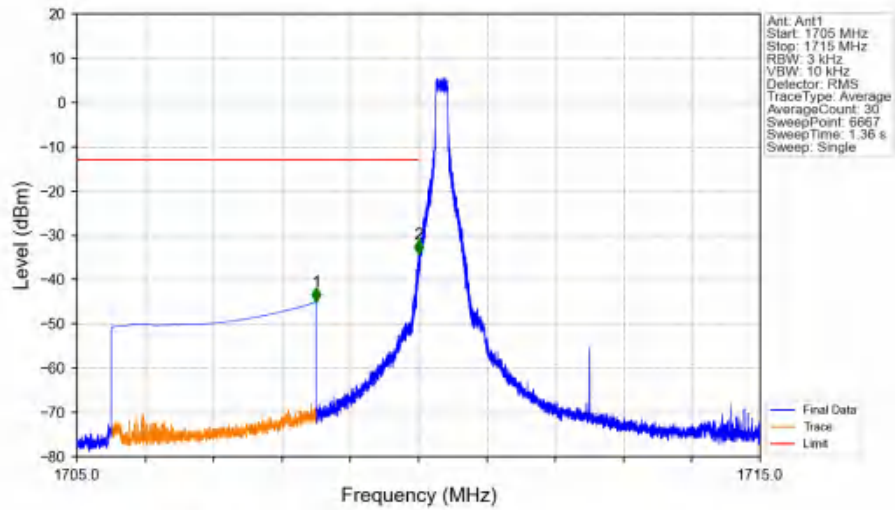


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



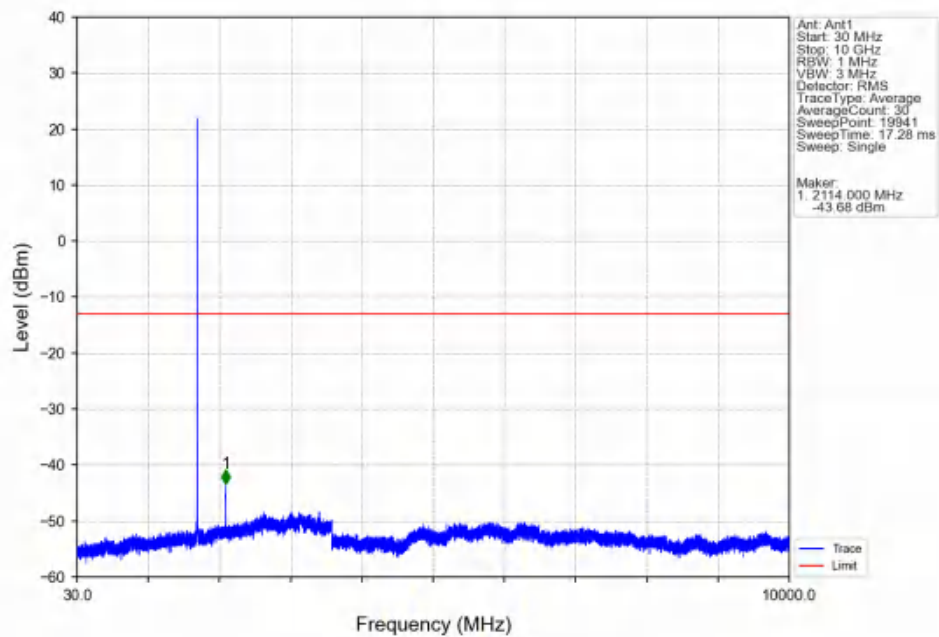


Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



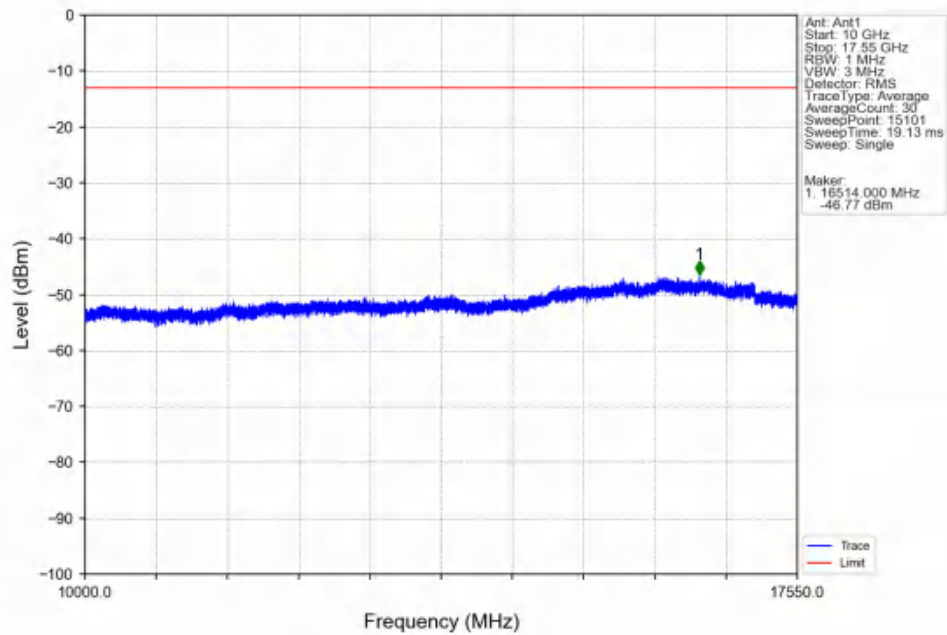
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-44.97	-13	Pass
1709	1710	0.003	/	2	1709.998	-34.27	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

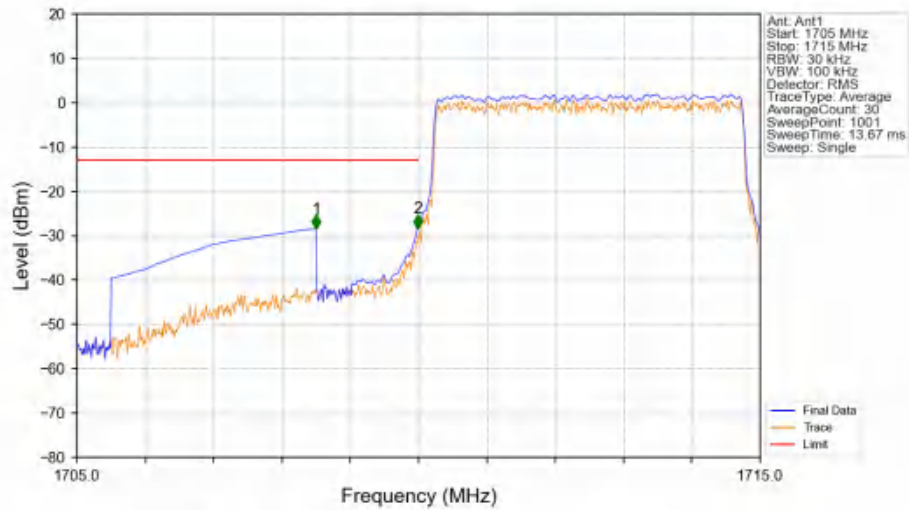




Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



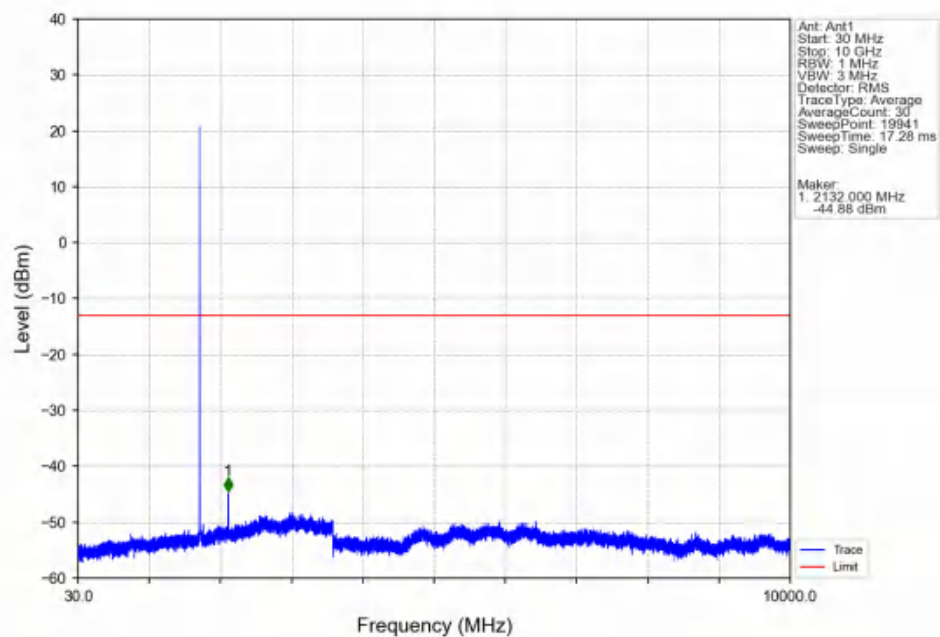
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



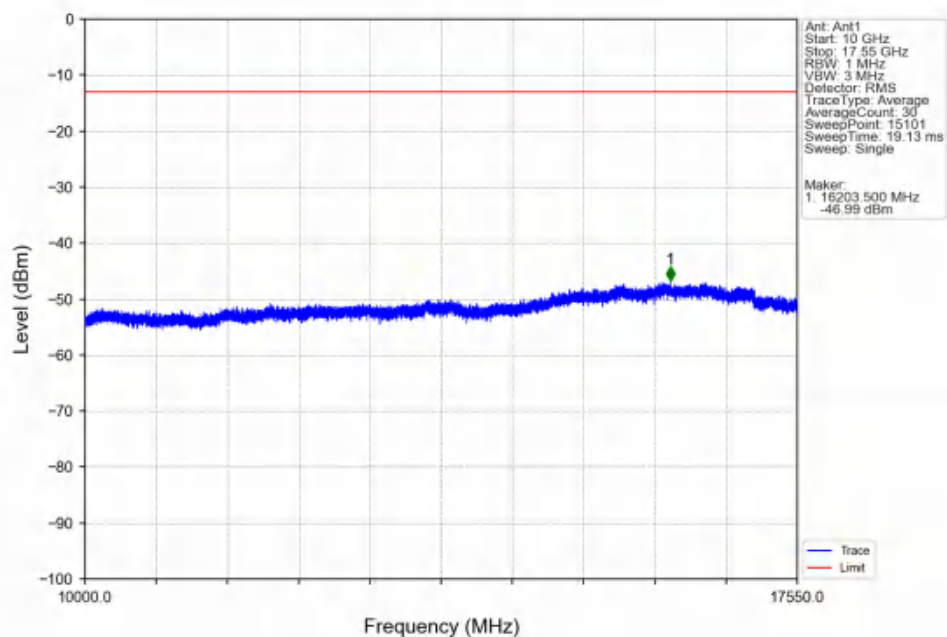
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-28.35	-13	Pass
1709	1710	0.053	CHP	2	1709.990	-28.31	-13	Pass
1710	1715	0.053	CHP	/	/	/	/	/



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

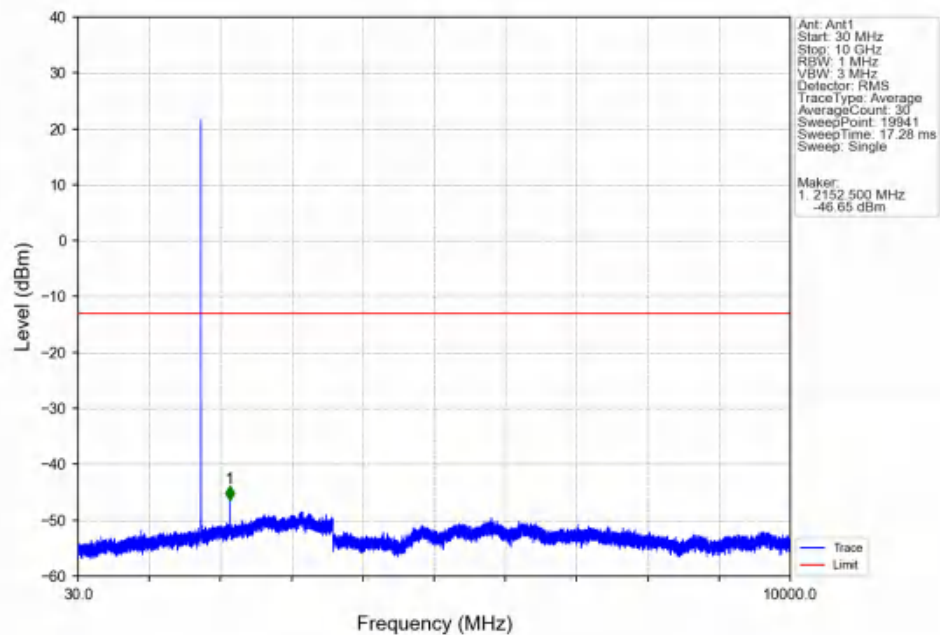


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

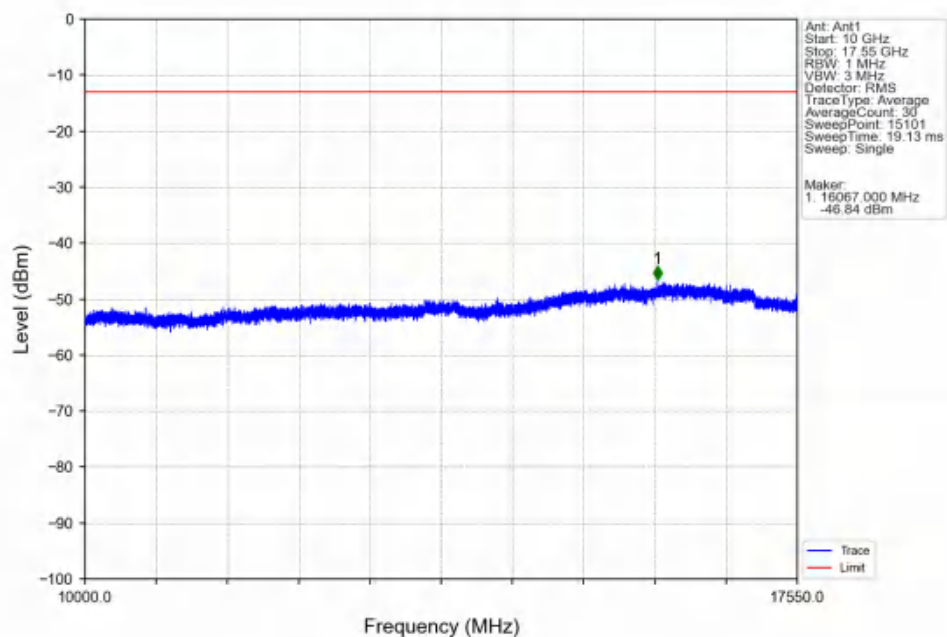




Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

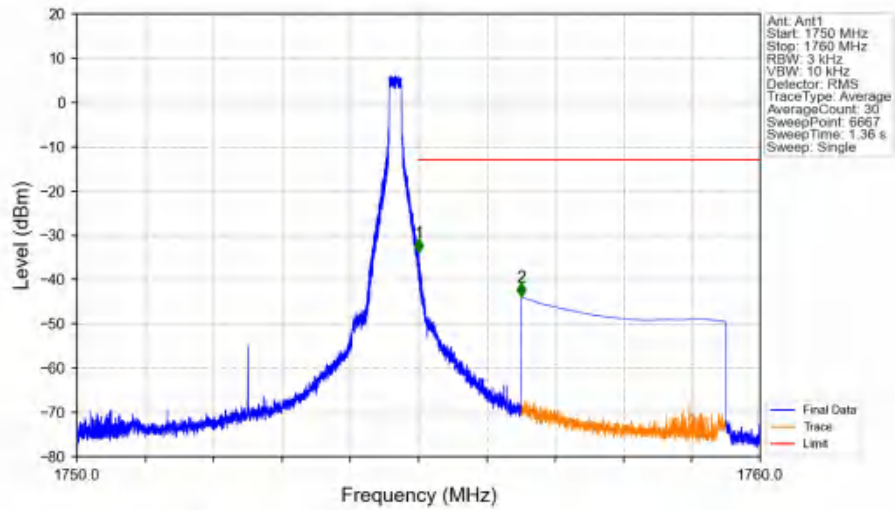


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



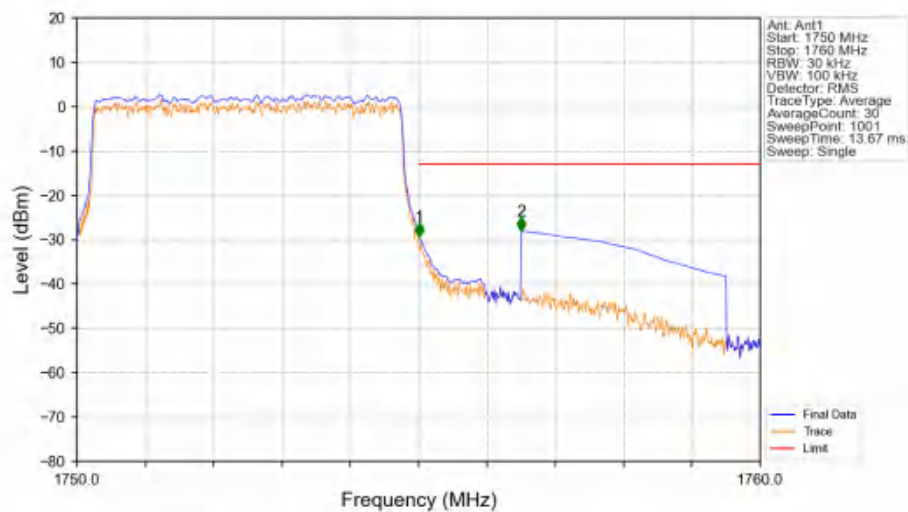


Band4 5MHz 16QAM HCH 1752.5MHz RB 1 24 NTV



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	-33.79	-13	Pass
1756	1760	1	CHP	2	1756.500	-43.91	-13	Pass

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

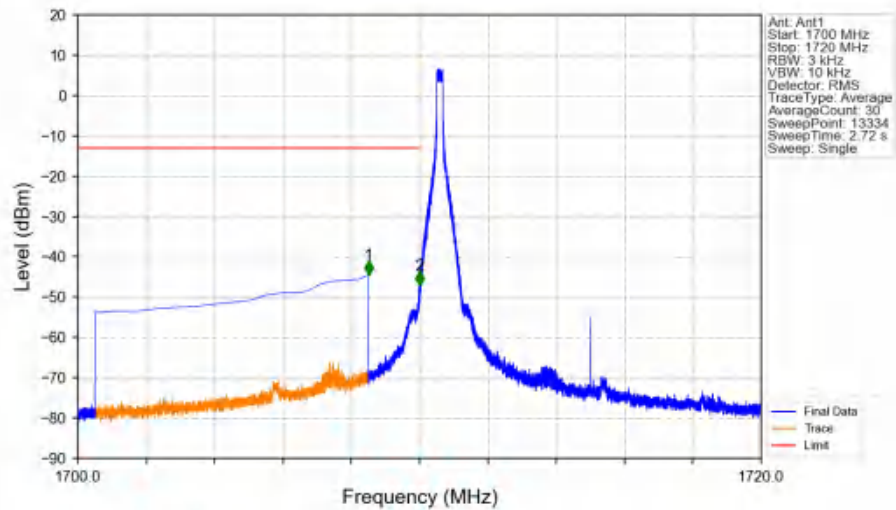


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.053	CHP	/	/	/	/	/
1755	1756	0.053	CHP	1	1755.010	-29.31	-13	Pass
1756	1760	1	CHP	2	1756.500	-28.10	-13	Pass



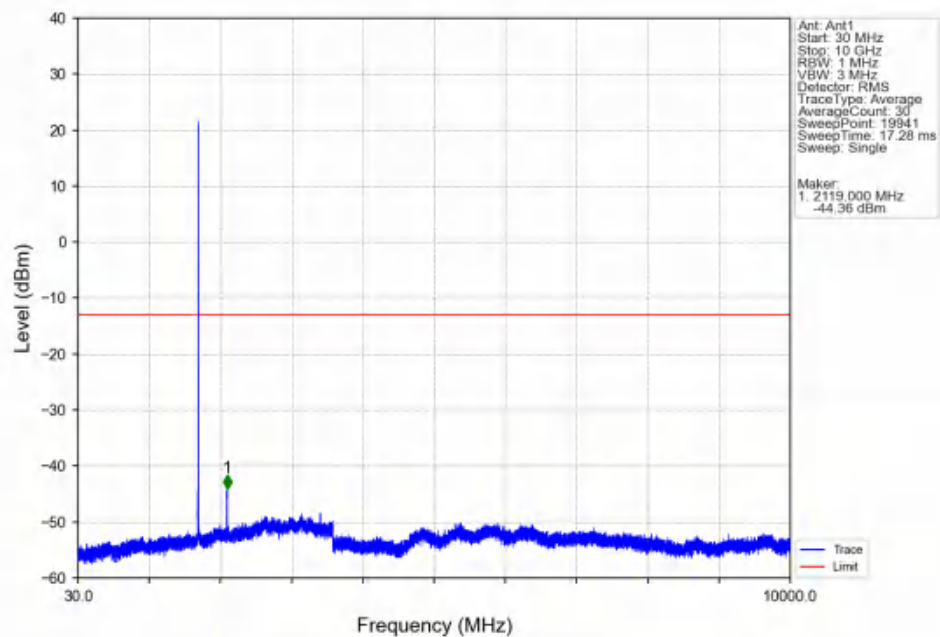
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



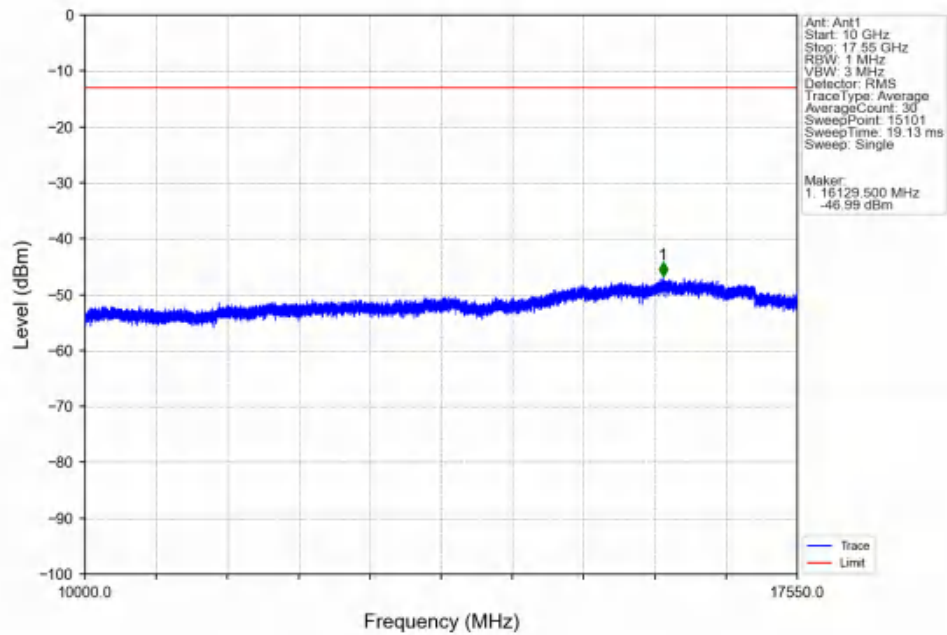
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-44.49	-13	Pass
1709	1710	0.003	/	2	1709.999	-47.04	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

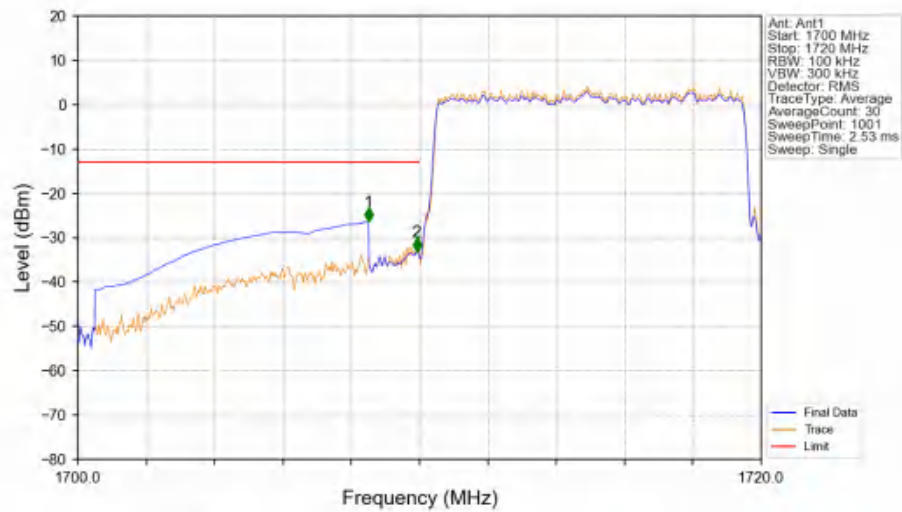




Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



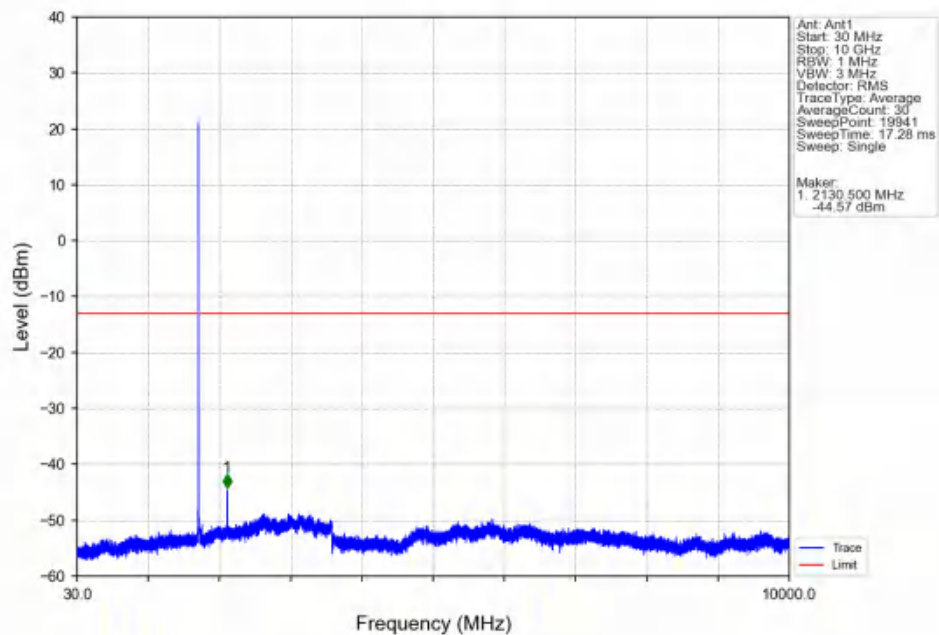
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



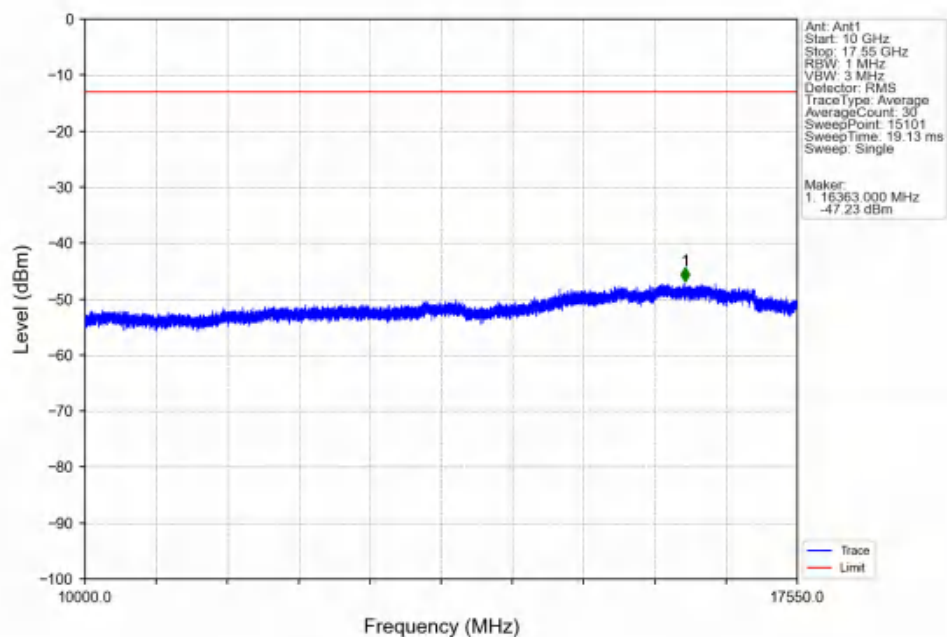
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-26.39	-13	Pass
1709	1710	0.101	CHP	2	1709.920	-33.10	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/



Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

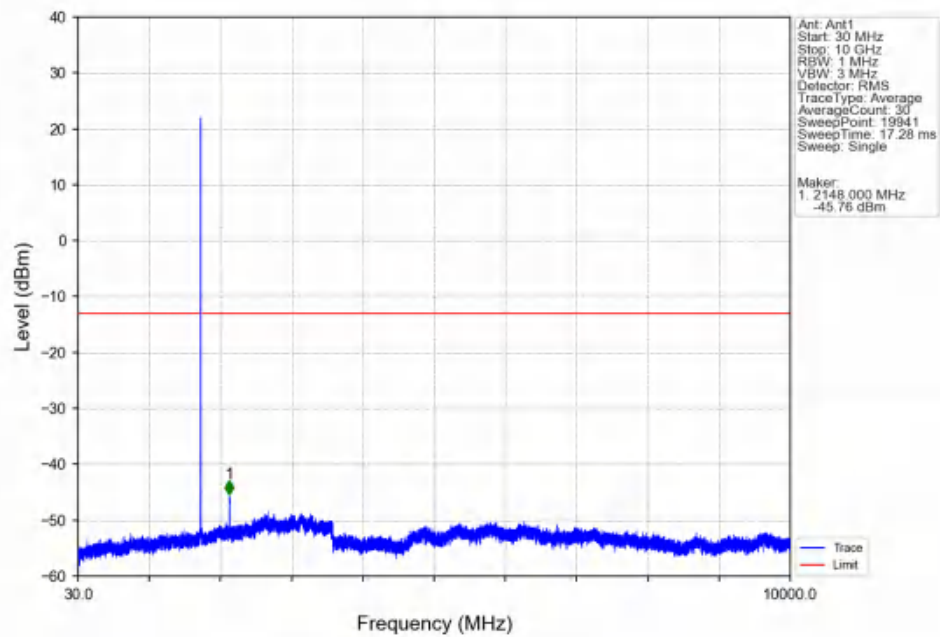


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

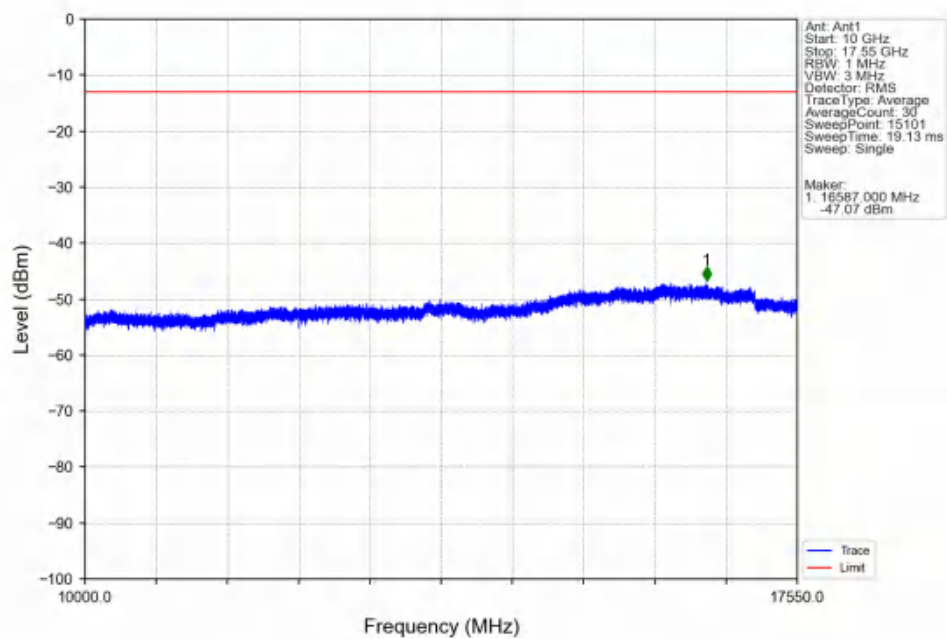




Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

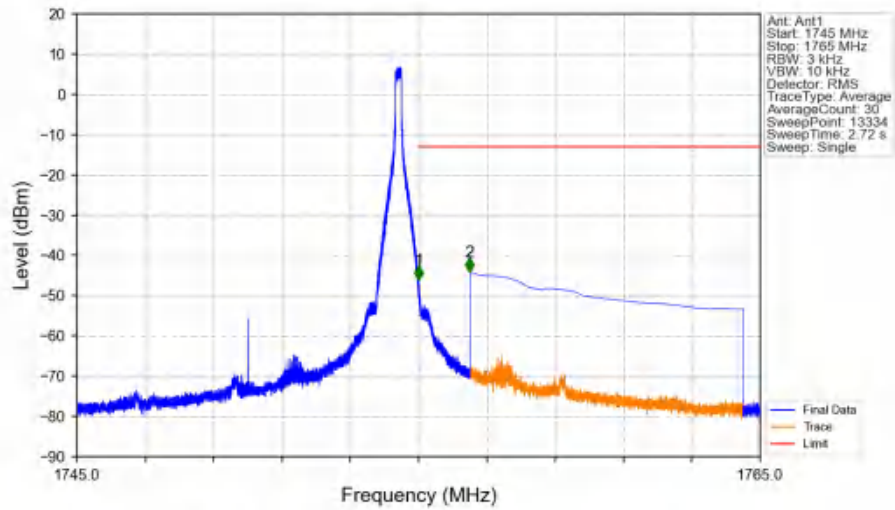


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



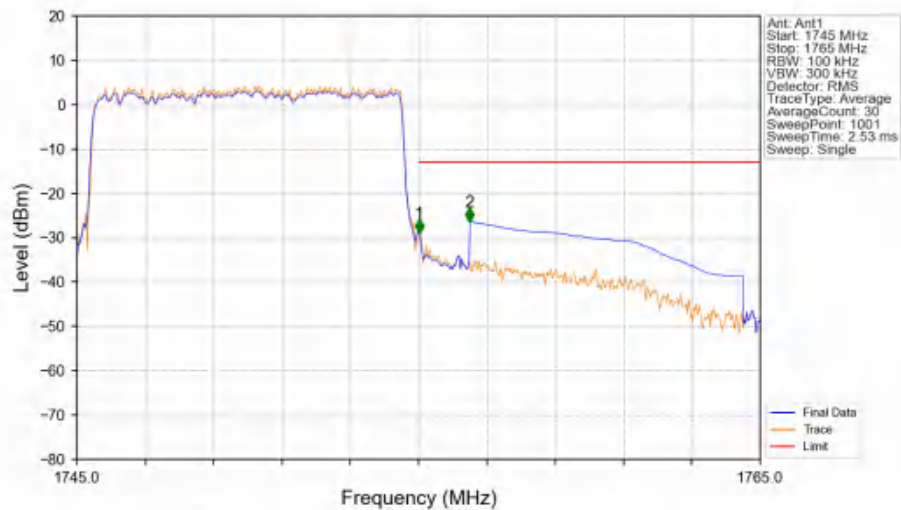


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



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	1755.002	-46.06	-13	Pass
1756	1765	1	CHP	2	1756.501	-44.03	-13	Pass

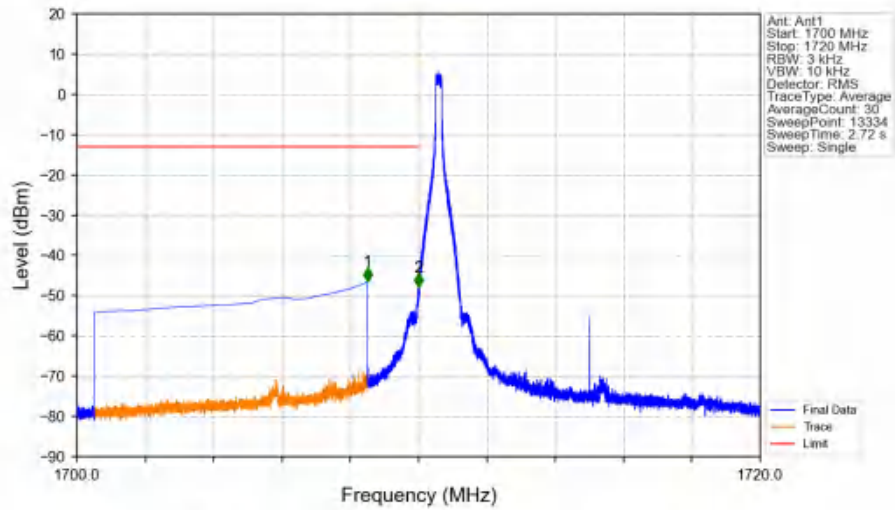
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



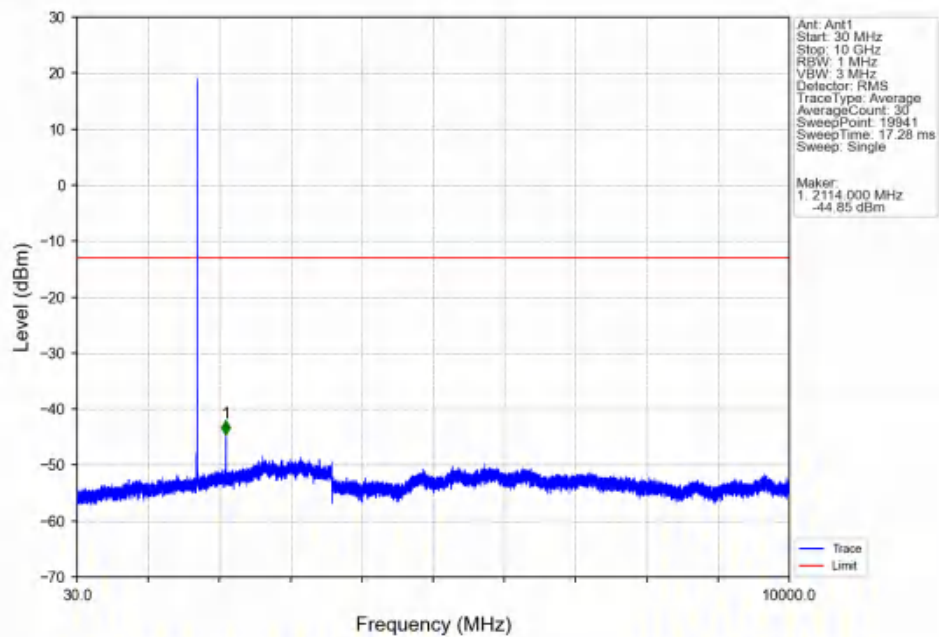
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.102	CHP	/	/	/	/	/
1755	1756	0.102	CHP	1	1755.020	-28.87	-13	Pass
1756	1765	1	CHP	2	1756.500	-26.39	-13	Pass



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

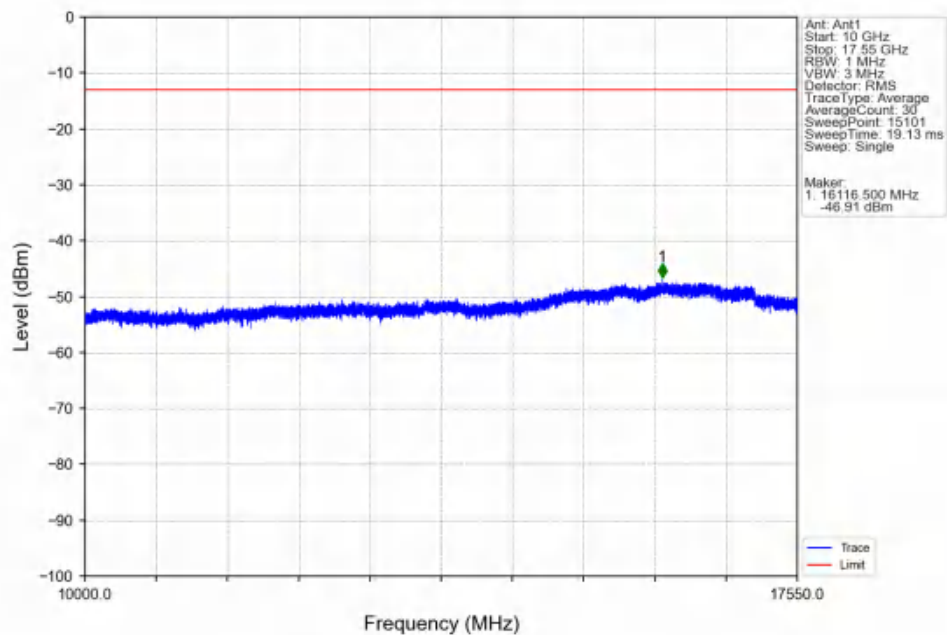


Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

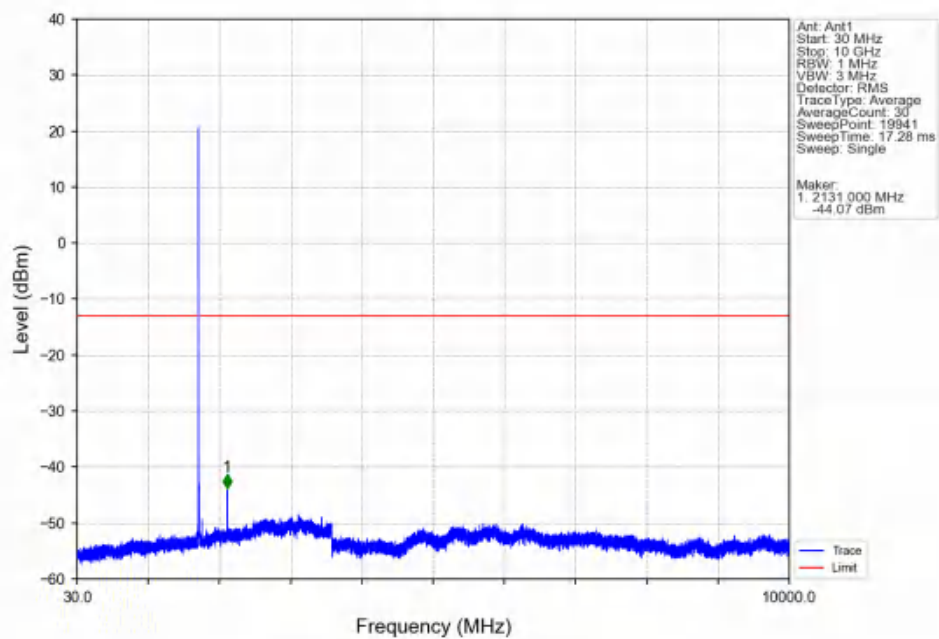




Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

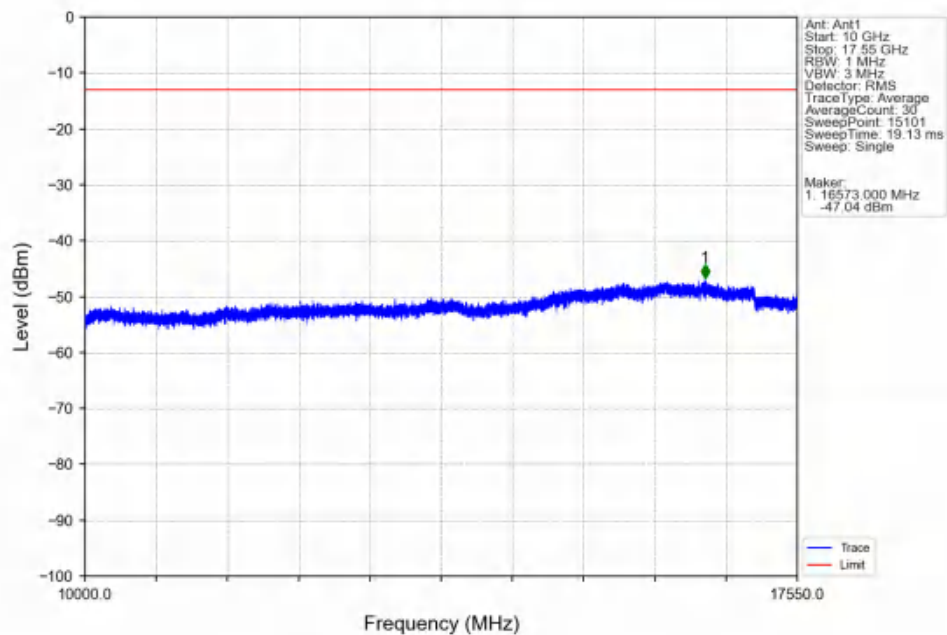


Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV

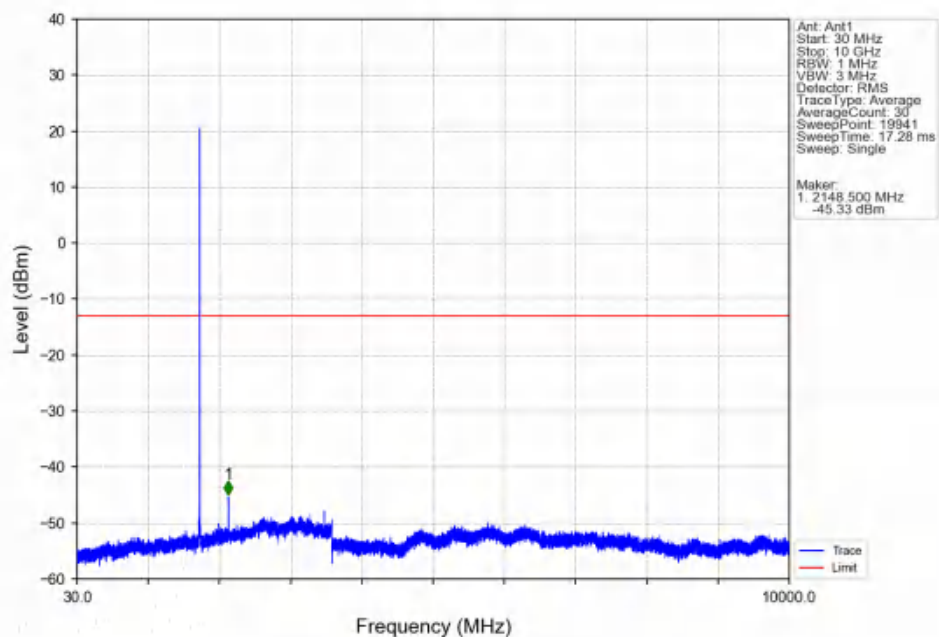




Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

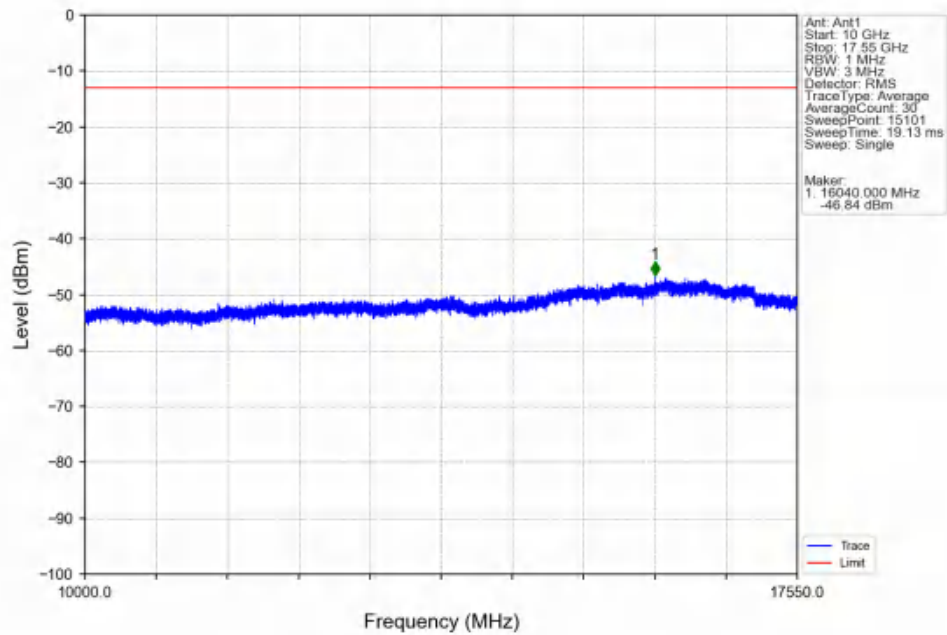


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

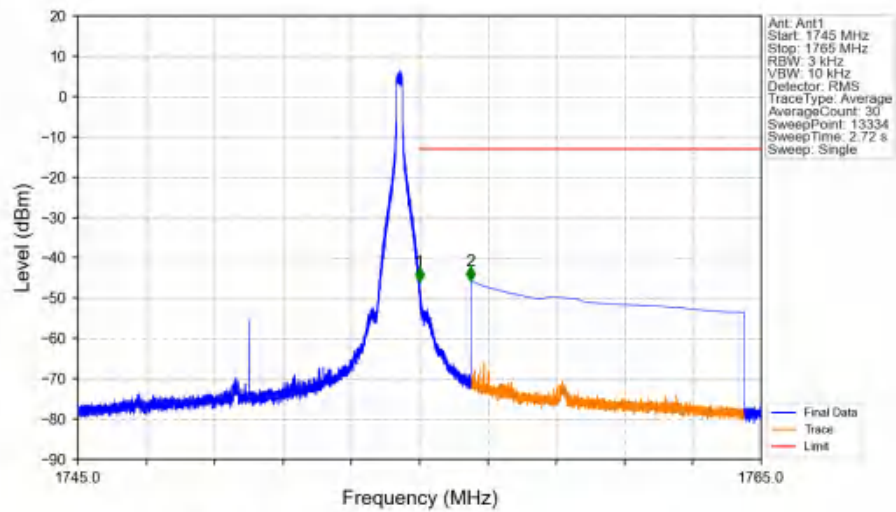




Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV

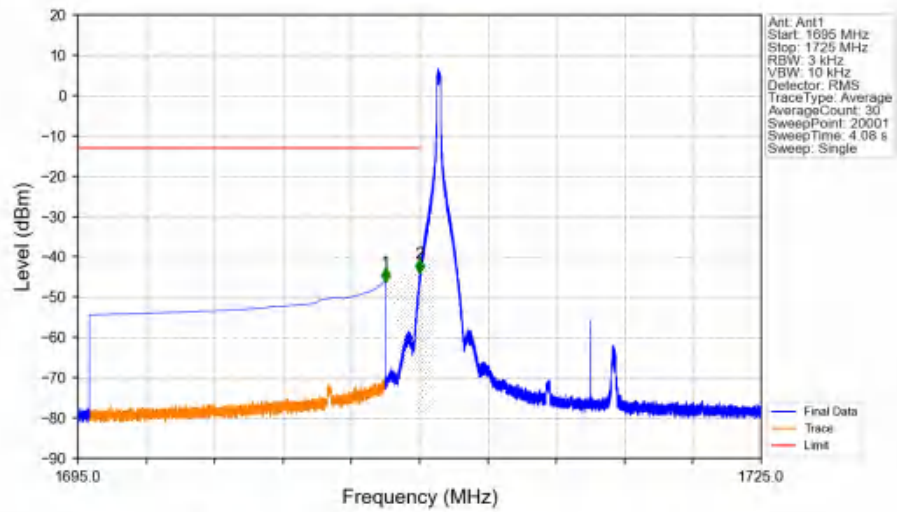


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-45.80	-13	Pass
1756	1765	1	CHP	2	1756.501	-45.64	-13	Pass



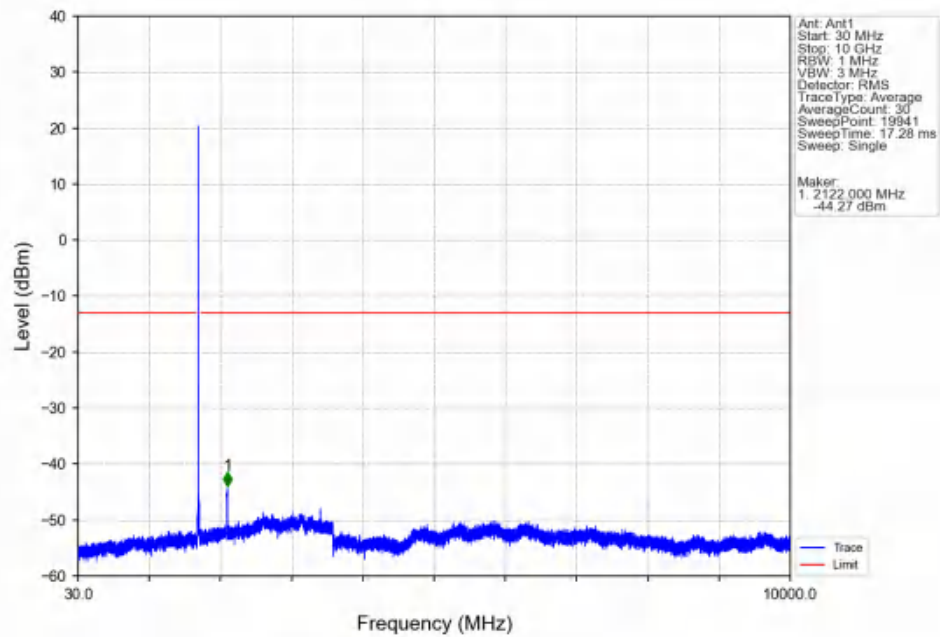
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



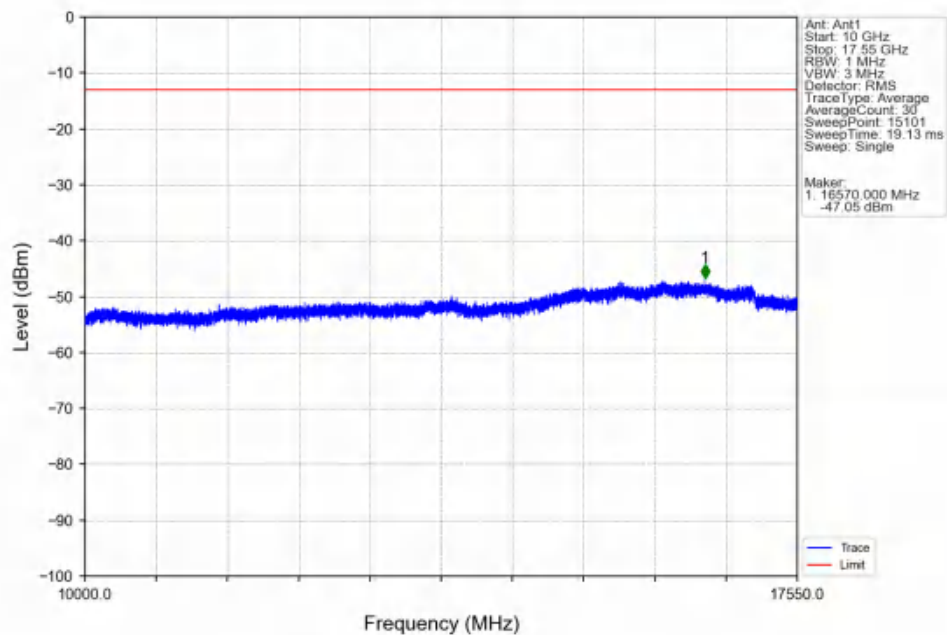
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-46.19	-13	Pass
1709	1710	0.003	/	2	1709.995	-43.98	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

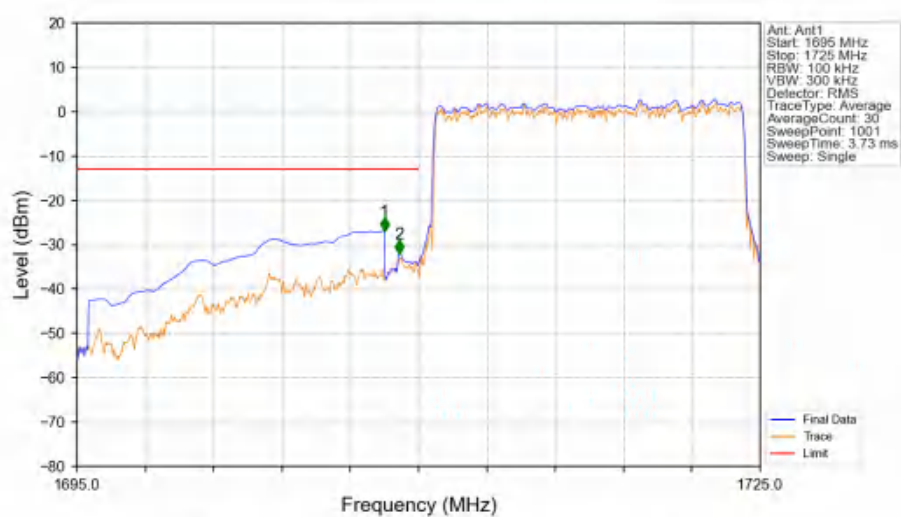




Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



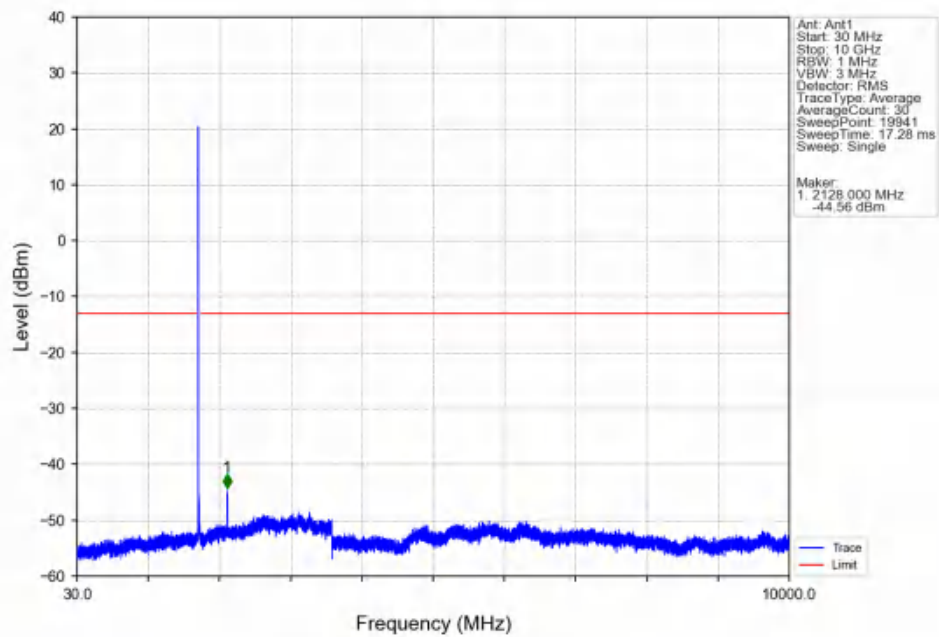
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



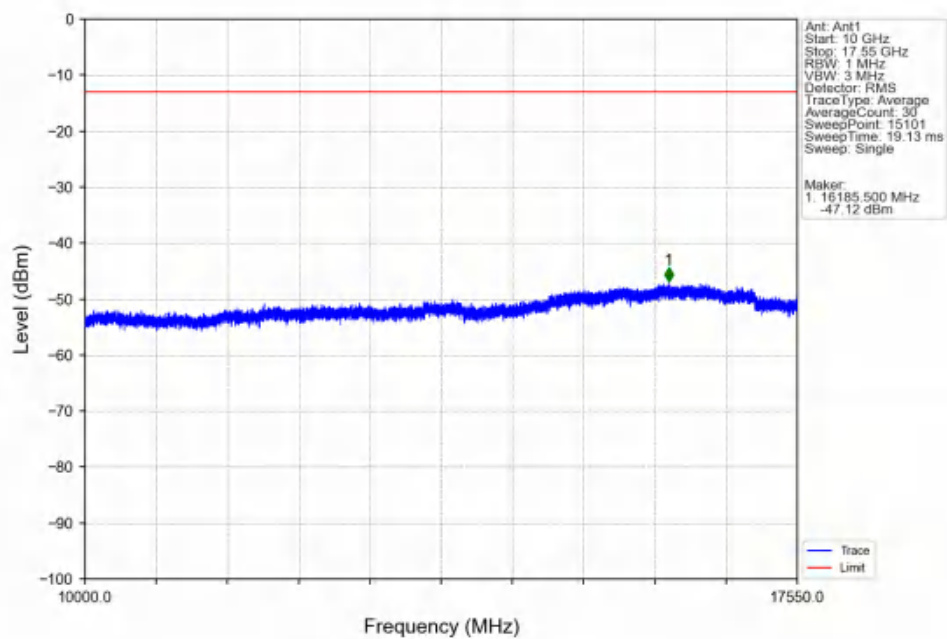
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-26.86	-13	Pass
1709	1710	0.151	CHP	2	1709.160	-32.09	-13	Pass
1710	1725	0.151	CHP	/	/	/	/	/



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

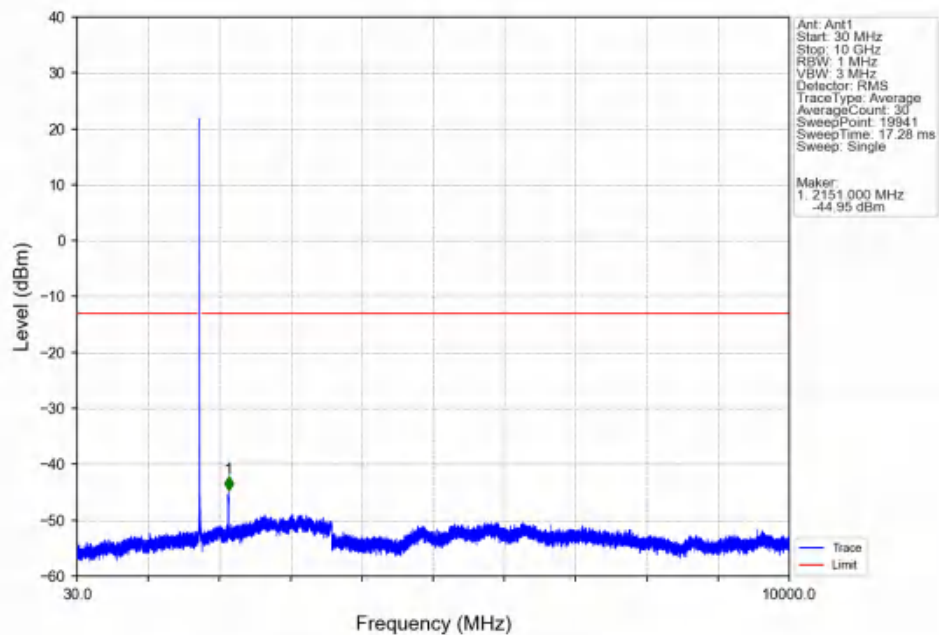


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

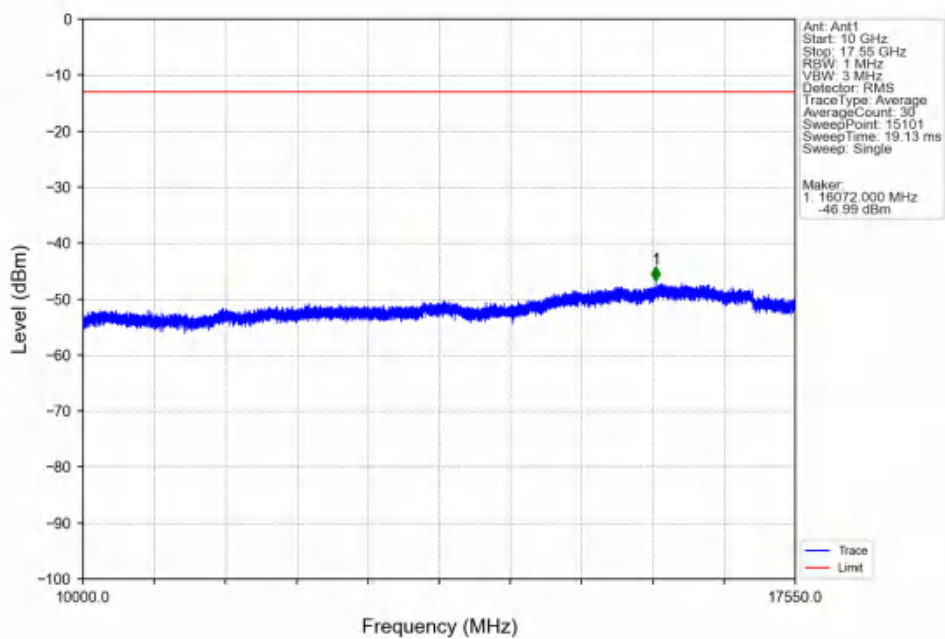




Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

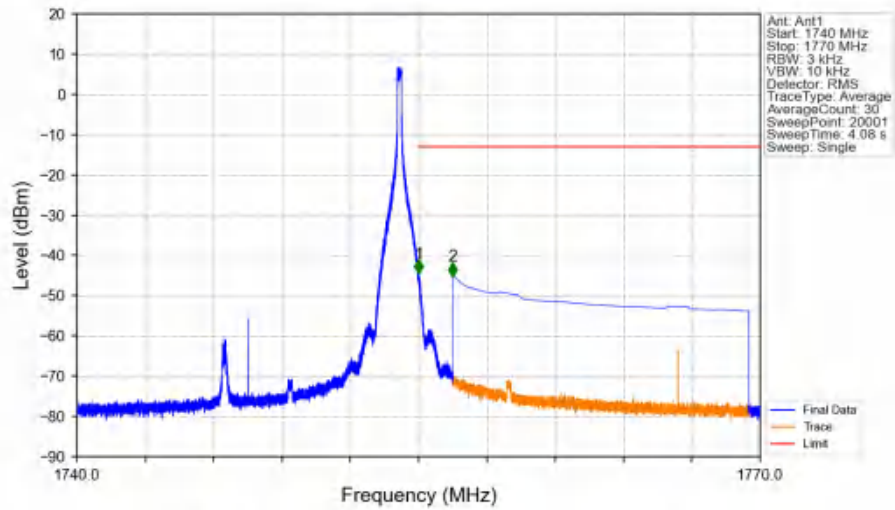


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



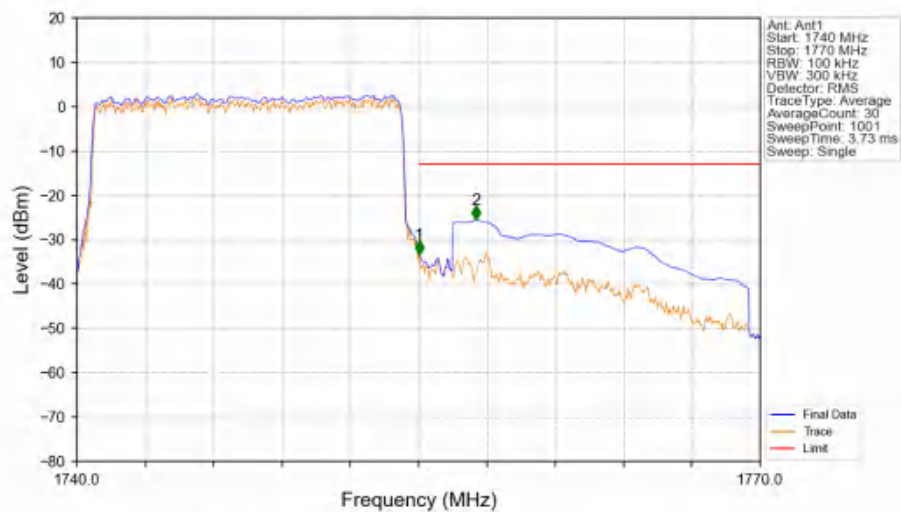


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-44.38	-13	Pass
1756	1770	1	CHP	2	1756.500	-45.16	-13	Pass

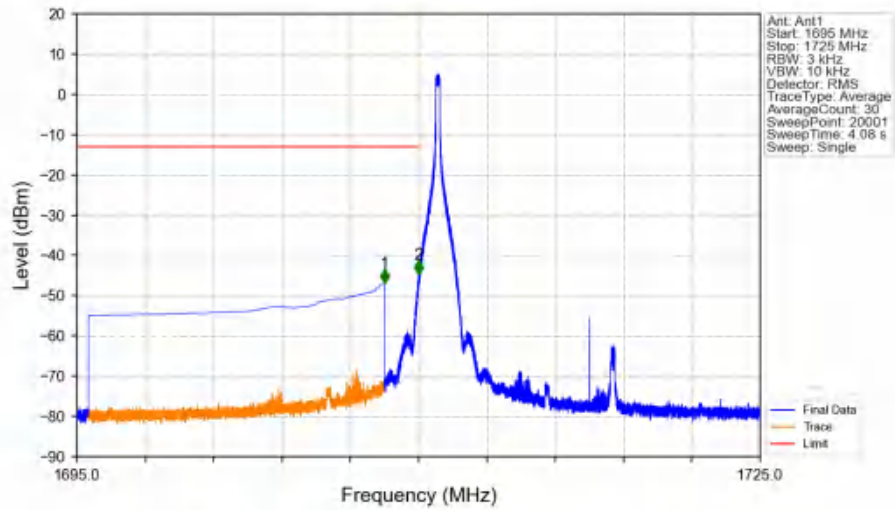
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.152	CHP	/	/	/	/	/
1755	1756	0.152	CHP	1	1755.030	-33.24	-13	Pass
1756	1770	1	CHP	2	1757.520	-25.56	-13	Pass

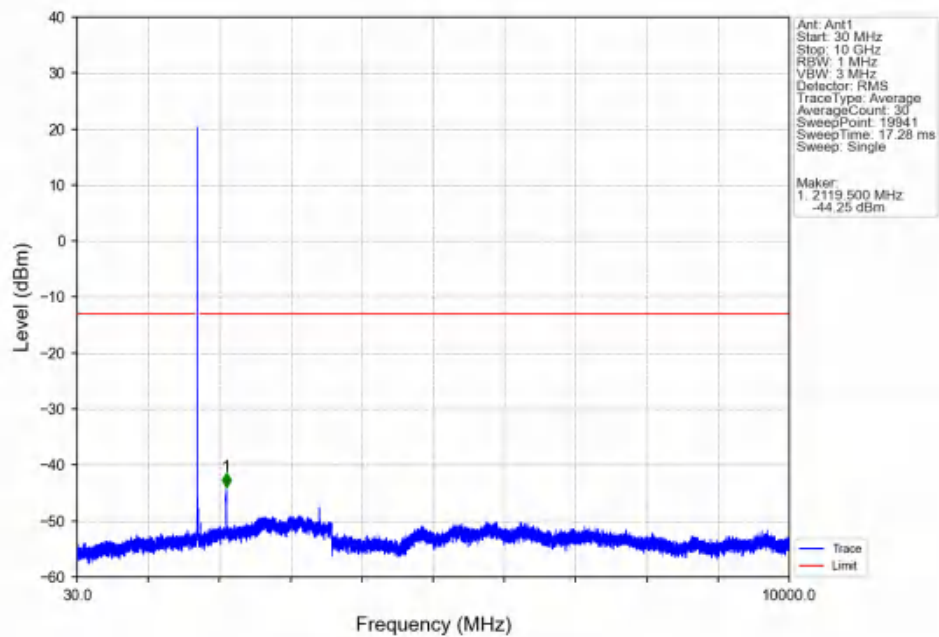


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



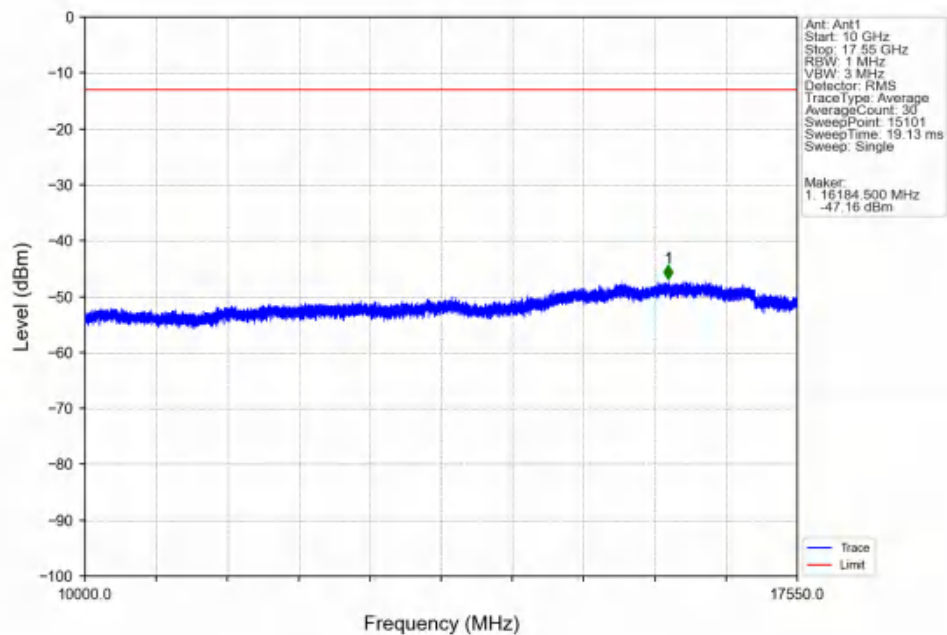
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-46.85	-13	Pass
1709	1710	0.003	/	2	1709.998	-44.70	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

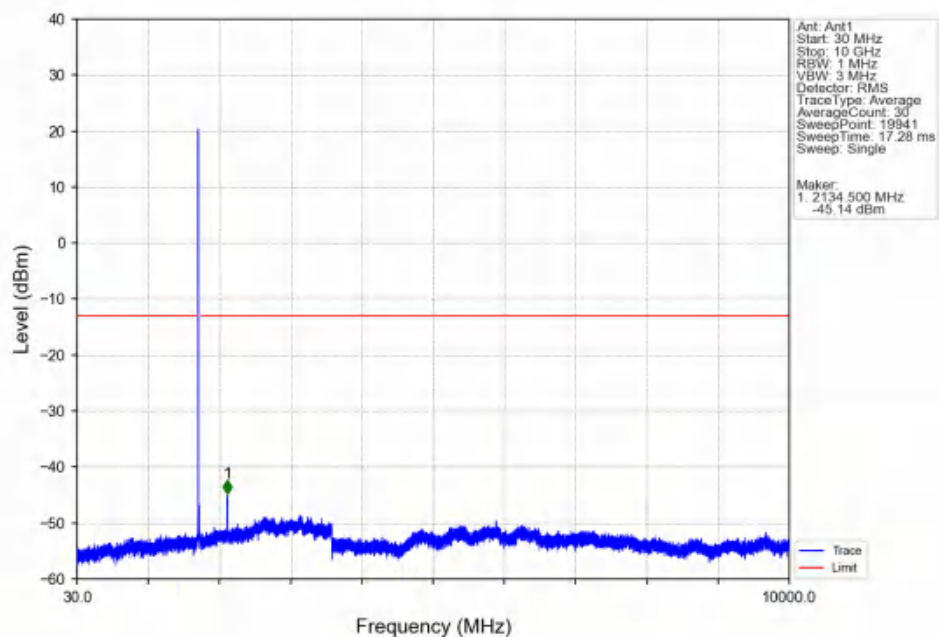




Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

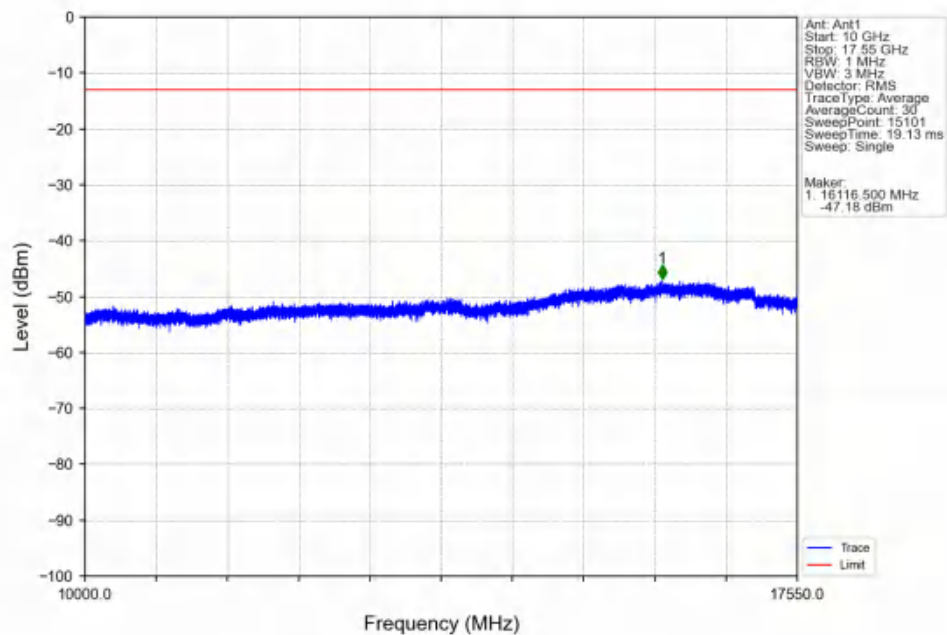


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

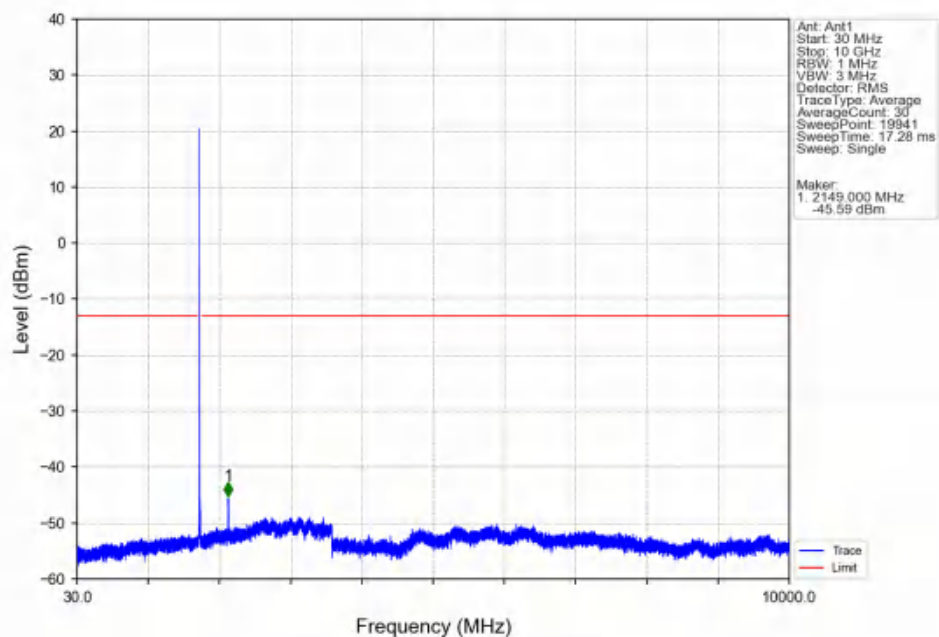




Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

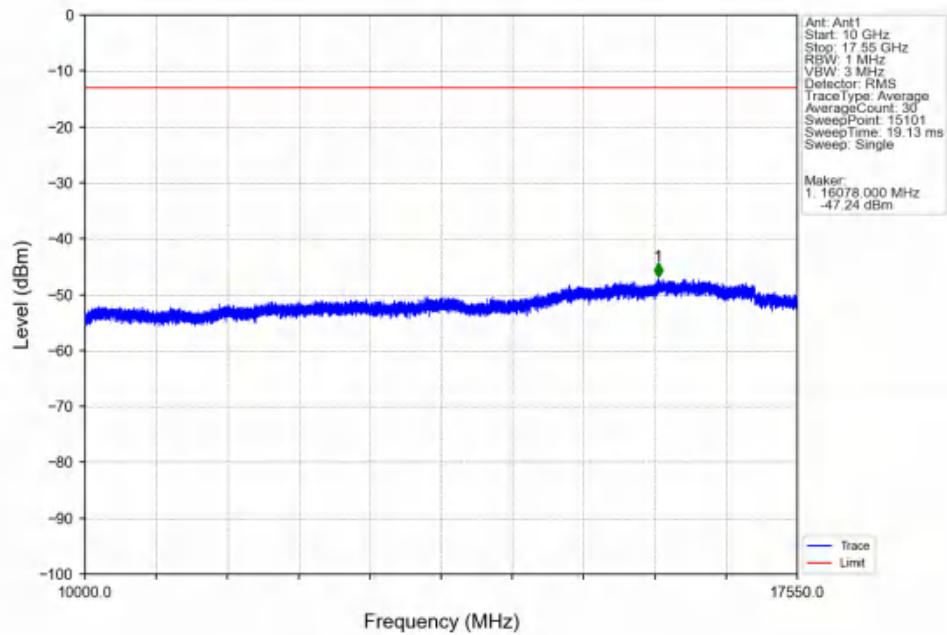


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

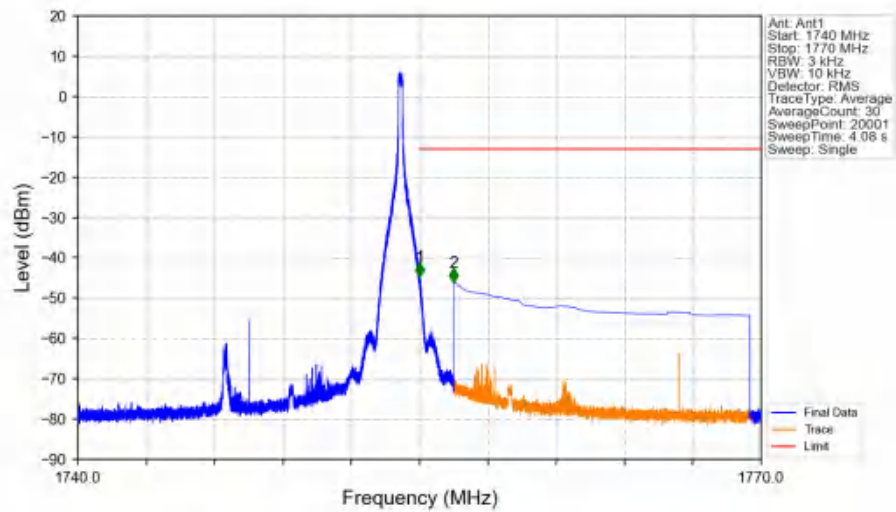




Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



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

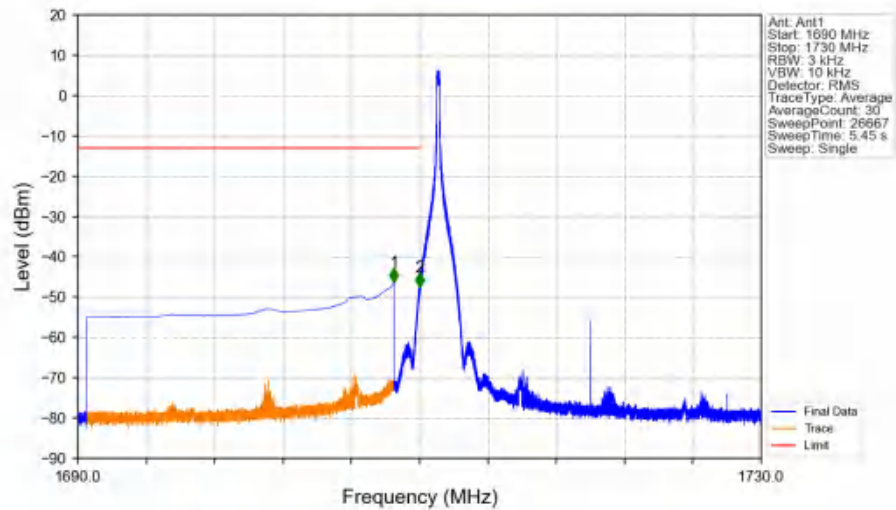


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-44.64	-13	Pass
1756	1770	1	CHP	2	1756.500	-45.99	-13	Pass



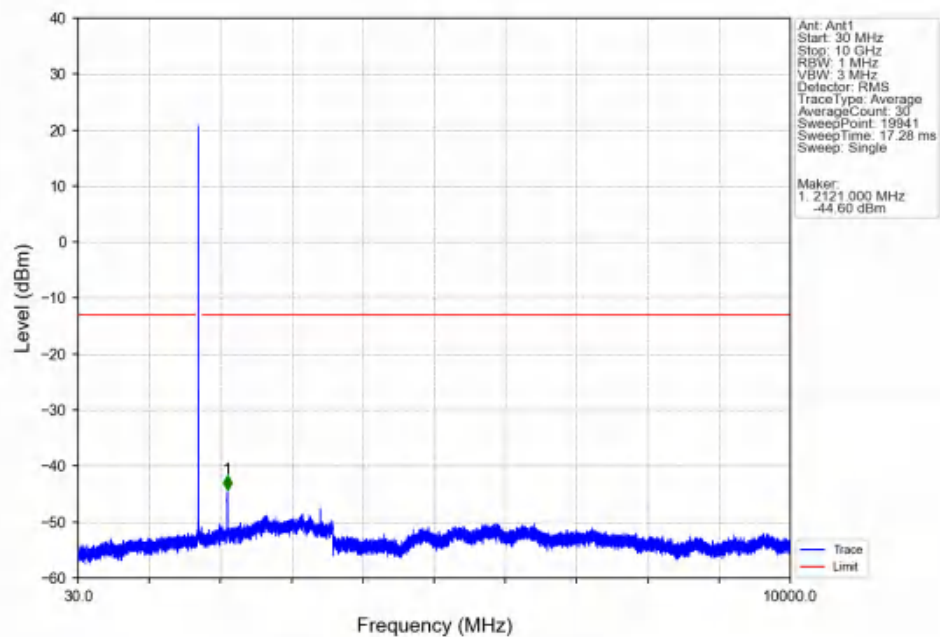
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



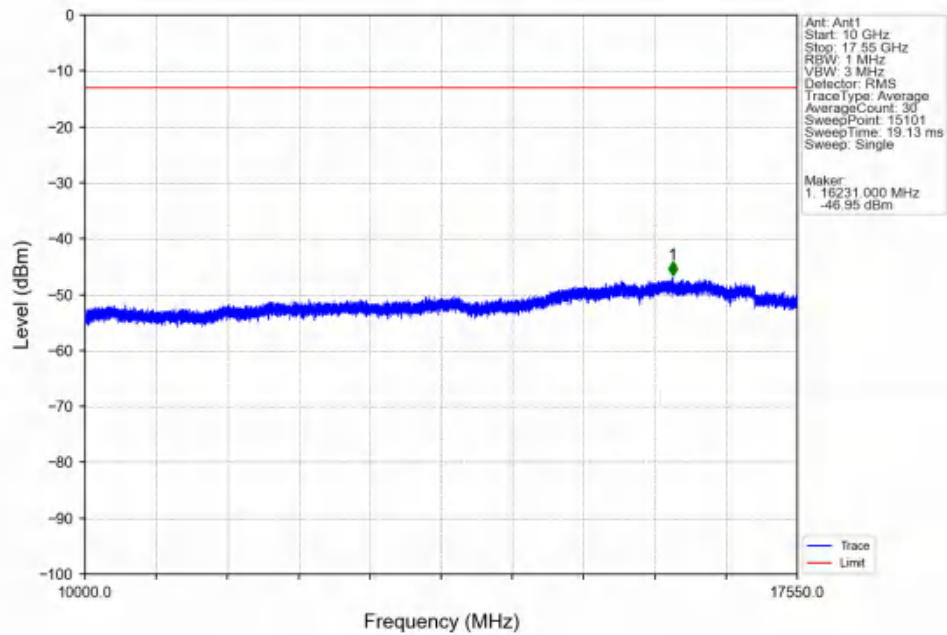
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-46.21	-13	Pass
1709	1710	0.003	/	2	1709.994	-47.38	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

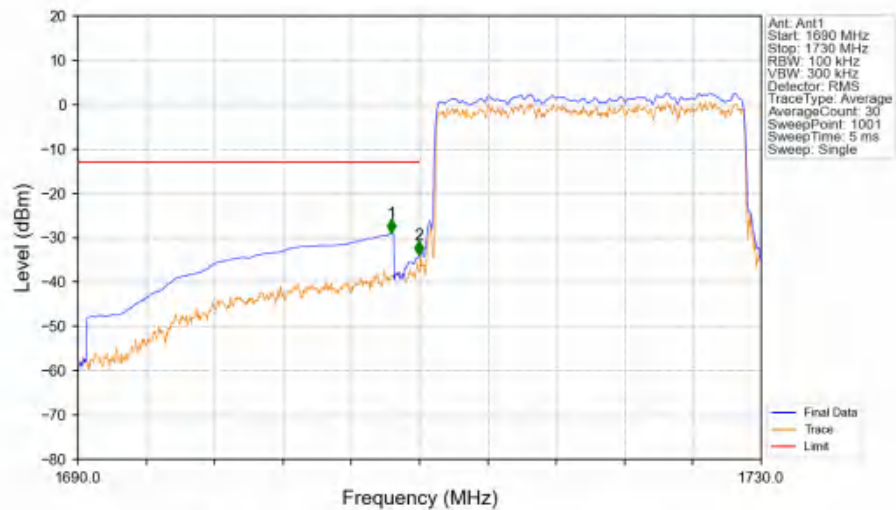




Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



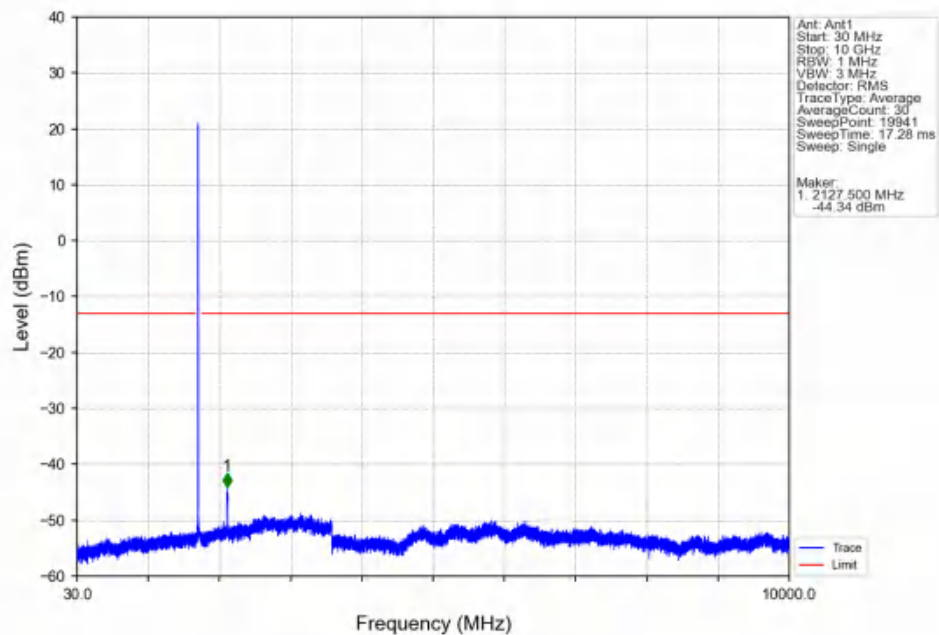
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0 NTN



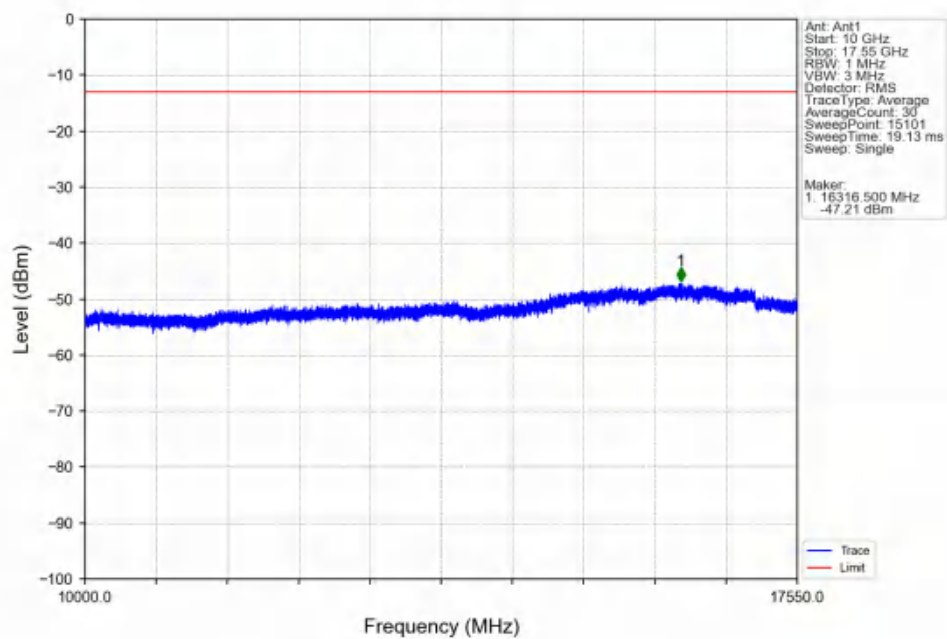
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.360	-29.01	-13	Pass
1709	1710	0.202	CHP	2	1709.960	-33.90	-13	Pass
1710	1730	0.202	CHP	/	/	/	/	/



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

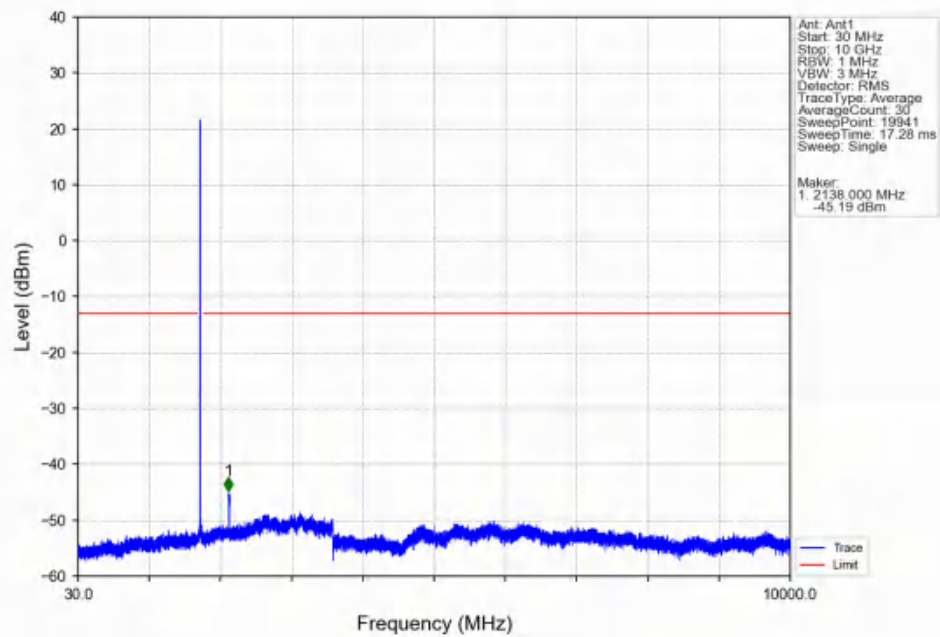


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

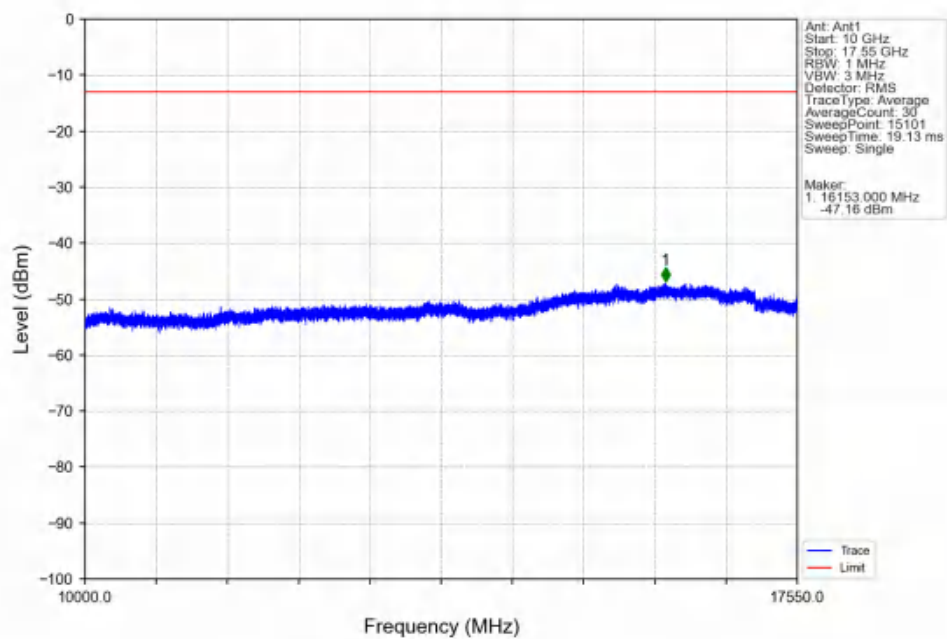




Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

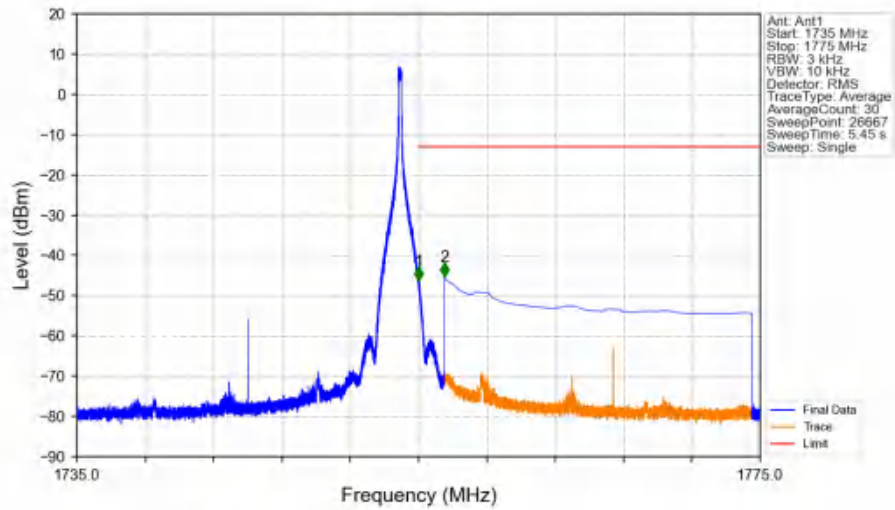


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



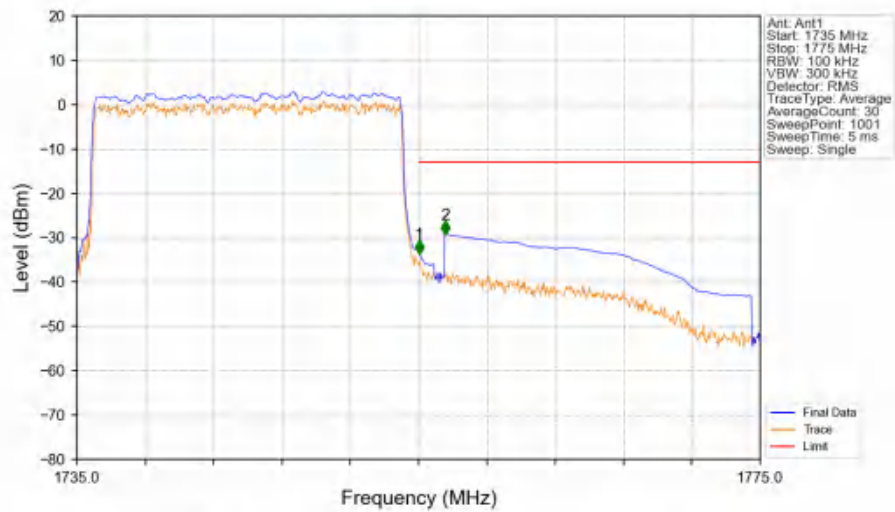


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-46.22	-13	Pass
1756	1775	1	CHP	2	1756.500	-45.17	-13	Pass

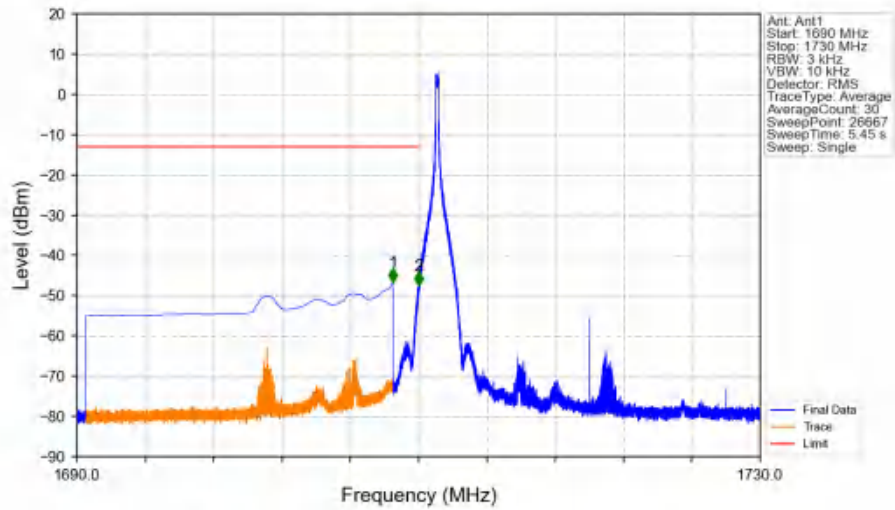
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



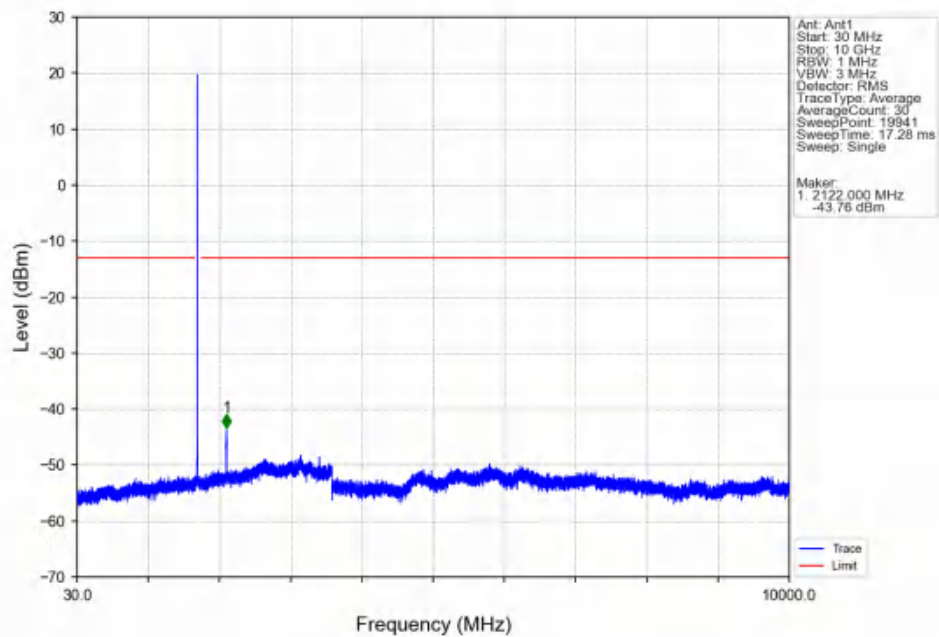
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.202	CHP	/	/	/	/	/
1755	1756	0.202	CHP	1	1755.040	-33.62	-13	Pass
1756	1775	1	CHP	2	1756.560	-29.29	-13	Pass



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

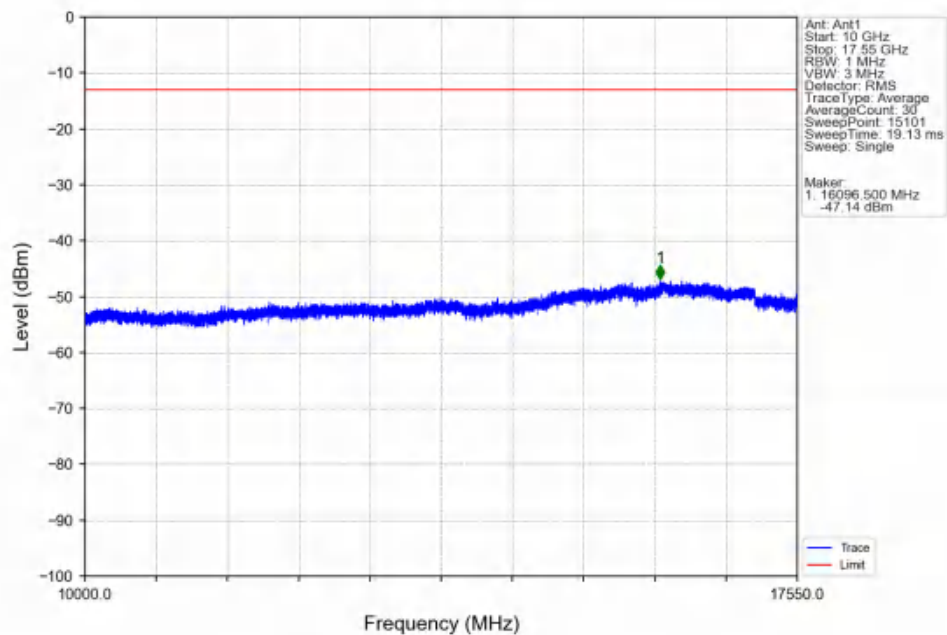


Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

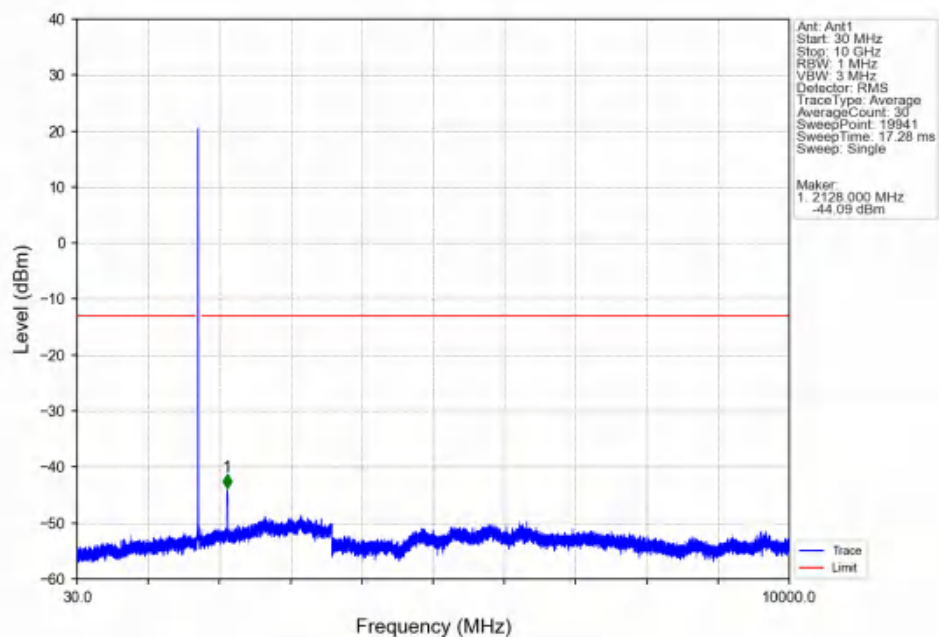




Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

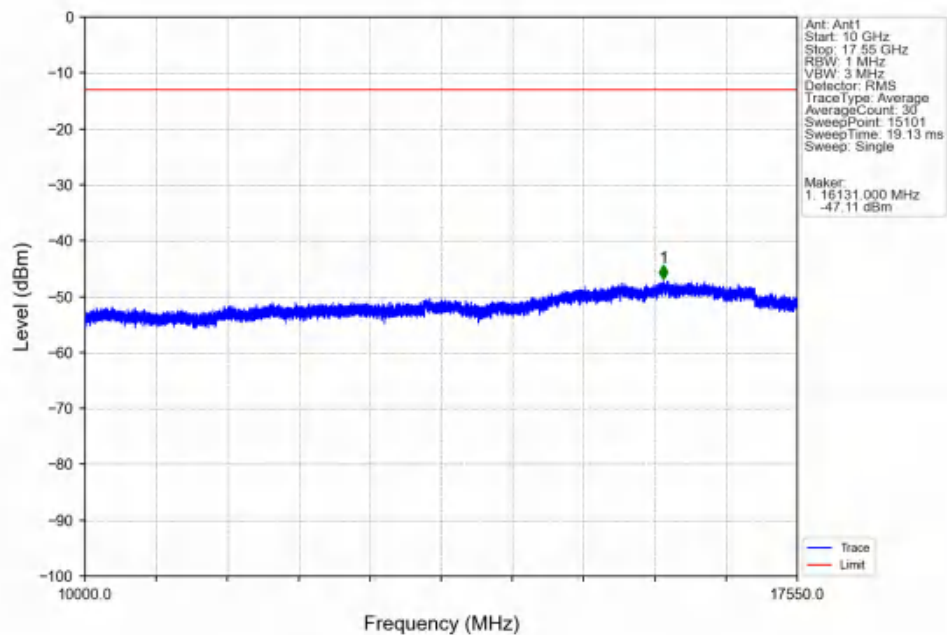


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

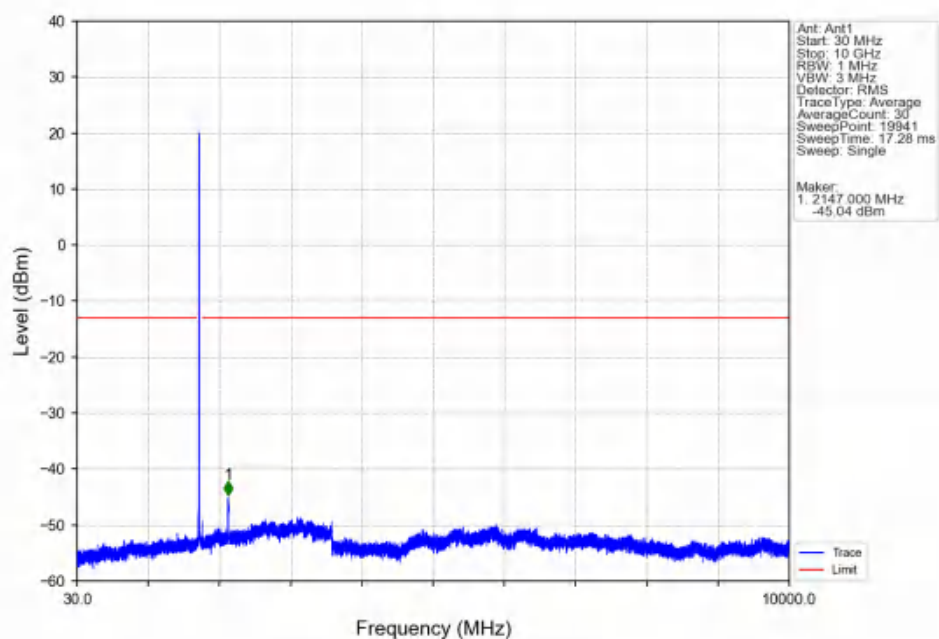




Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

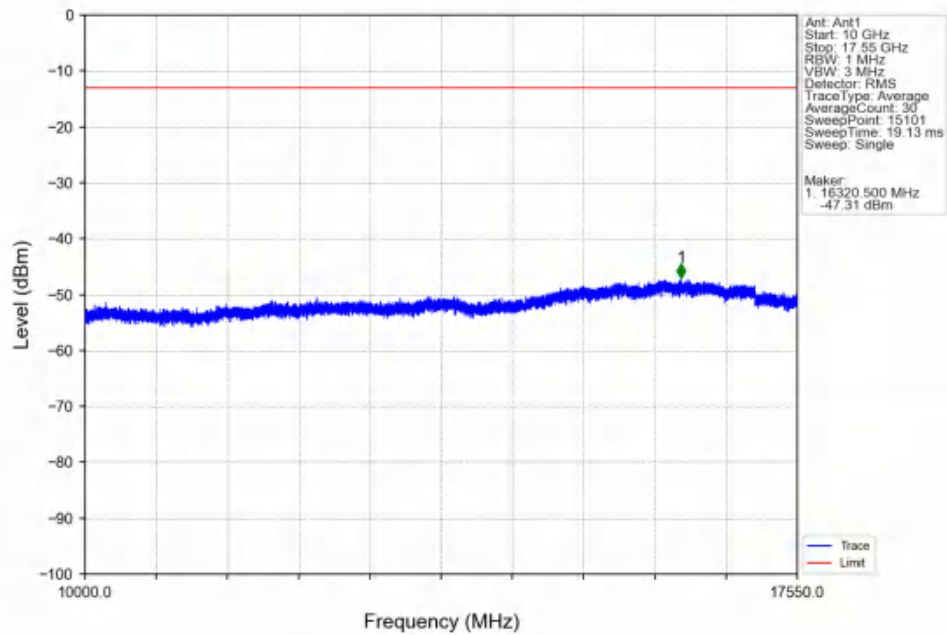


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

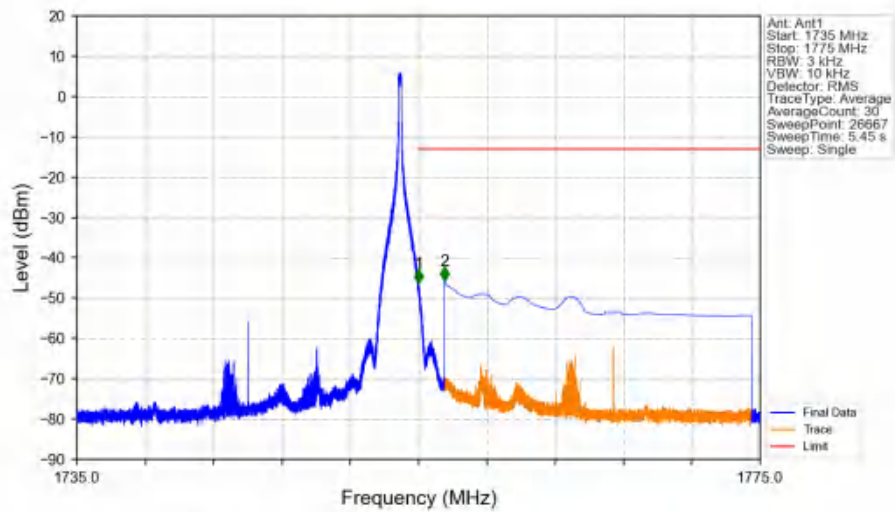




Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.021	-46.23	-13	Pass
1756	1775	1	CHP	2	1756.500	-45.62	-13	Pass



7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1866	0.0112	ppm	1M13G7D	27L	22.71
4	1.4	1710.7	1754.3	0.1521	0.0078	ppm	1M13W7D	27L	21.82
4	3	1711.5	1753.5	0.1875	0.0009	ppm	2M76G7D	27L	22.73
4	3	1711.5	1753.5	0.1535	0.0011	ppm	2M76W7D	27L	21.86
4	5	1712.5	1752.5	0.0710	0.0016	ppm	4M57G7D	27L	18.51
4	5	1712.5	1752.5	0.0565	0.0019	ppm	4M58W7D	27L	17.52
4	10	1715	1750	0.0698	0.0009	ppm	9M10G7D	27L	18.44
4	10	1715	1750	0.1611	0.0013	ppm	5M16W7D	27L	22.07
4	15	1717.5	1747.5	0.0690	0.0007	ppm	13M7G7D	27L	18.39
4	15	1717.5	1747.5	0.1489	0.0019	ppm	5M34W7D	27L	21.73
4	20	1720	1745	0.0735	0.0025	ppm	18M2G7D	27L	18.66
4	20	1720	1745	0.1514	0.0027	ppm	5M58W7D	27L	21.80

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	0.2046	0.0112	ppm	1M13G7D	27L	23.11
4	1.4	1710.7	1754.3	0.1667	0.0078	ppm	1M13W7D	27L	22.22
4	3	1711.5	1753.5	0.2056	0.0009	ppm	2M76G7D	27L	23.13
4	3	1711.5	1753.5	0.1683	0.0011	ppm	2M76W7D	27L	22.26
4	5	1712.5	1752.5	0.0778	0.0016	ppm	4M57G7D	27L	18.91
4	5	1712.5	1752.5	0.0619	0.0019	ppm	4M58W7D	27L	17.92
4	10	1715	1750	0.0766	0.0009	ppm	9M10G7D	27L	18.84
4	10	1715	1750	0.1766	0.0013	ppm	5M16W7D	27L	22.47
4	15	1717.5	1747.5	0.0757	0.0007	ppm	13M7G7D	27L	18.79
4	15	1717.5	1747.5	0.1633	0.0019	ppm	5M34W7D	27L	22.13
4	20	1720	1745	0.0805	0.0025	ppm	18M2G7D	27L	19.06
4	20	1720	1745	0.1660	0.0027	ppm	5M58W7D	27L	22.20