



Appendix A.5

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.50	1.50	24.00	<=30	Pass
			2	22.55	1.50	24.05	<=30	Pass
			5	22.51	1.50	24.01	<=30	Pass
		3	0	22.62	1.50	24.12	<=30	Pass
			2	22.56	1.50	24.06	<=30	Pass
			3	22.54	1.50	24.04	<=30	Pass
		6	0	21.56	1.50	23.06	<=30	Pass
	1732.5	1	0	22.58	1.50	24.08	<=30	Pass
			2	22.59	1.50	24.09	<=30	Pass
			5	22.50	1.50	24.00	<=30	Pass
		3	0	22.58	1.50	24.08	<=30	Pass
			2	22.65	1.50	24.15	<=30	Pass
			3	22.54	1.50	24.04	<=30	Pass
		6	0	21.58	1.50	23.08	<=30	Pass
	1754.3	1	0	22.50	1.50	24.00	<=30	Pass
			2	22.59	1.50	24.09	<=30	Pass
			5	22.56	1.50	24.06	<=30	Pass
		3	0	22.61	1.50	24.11	<=30	Pass
			2	22.64	1.50	24.14	<=30	Pass
			3	22.48	1.50	23.98	<=30	Pass
		6	0	21.63	1.50	23.13	<=30	Pass
16QAM	1710.7	1	0	21.86	1.50	23.36	<=30	Pass
			2	21.92	1.50	23.42	<=30	Pass
			5	21.65	1.50	23.15	<=30	Pass
		3	0	21.57	1.50	23.07	<=30	Pass
			2	21.71	1.50	23.21	<=30	Pass
			3	21.69	1.50	23.19	<=30	Pass
		6	0	20.69	1.50	22.19	<=30	Pass
	1732.5	1	0	21.96	1.50	23.46	<=30	Pass
			2	21.84	1.50	23.34	<=30	Pass
			5	21.90	1.50	23.40	<=30	Pass
		3	0	21.69	1.50	23.19	<=30	Pass
			2	21.59	1.50	23.09	<=30	Pass
			3	21.69	1.50	23.19	<=30	Pass
		6	0	20.66	1.50	22.16	<=30	Pass
	1754.3	1	0	22.00	1.50	23.50	<=30	Pass
			2	21.90	1.50	23.40	<=30	Pass
			5	22.06	1.50	23.56	<=30	Pass
		3	0	21.75	1.50	23.25	<=30	Pass
			2	21.70	1.50	23.20	<=30	Pass

64QAM	1710.7	6	3	21.72	1.50	23.22	<=30	Pass
			0	20.80	1.50	22.30	<=30	Pass
		1	0	21.44	1.50	22.94	<=30	Pass
			2	21.53	1.50	23.03	<=30	Pass
			5	21.22	1.50	22.72	<=30	Pass
		3	0	21.48	1.50	22.98	<=30	Pass
			2	21.57	1.50	23.07	<=30	Pass
			3	21.59	1.50	23.09	<=30	Pass
		6	0	20.51	1.50	22.01	<=30	Pass
	1732.5	1	0	21.65	1.50	23.15	<=30	Pass
			2	21.53	1.50	23.03	<=30	Pass
			5	21.51	1.50	23.01	<=30	Pass
		3	0	21.69	1.50	23.19	<=30	Pass
			2	21.68	1.50	23.18	<=30	Pass
			3	21.52	1.50	23.02	<=30	Pass
		6	0	20.61	1.50	22.11	<=30	Pass
	1754.3	1	0	21.68	1.50	23.18	<=30	Pass
			2	21.74	1.50	23.24	<=30	Pass
			5	21.71	1.50	23.21	<=30	Pass
		3	0	21.63	1.50	23.13	<=30	Pass
			2	21.72	1.50	23.22	<=30	Pass
			3	21.68	1.50	23.18	<=30	Pass
256QAM	1710.7	1	0	17.59	1.50	19.09	<=30	Pass
			2	17.46	1.50	18.96	<=30	Pass
			5	17.72	1.50	19.22	<=30	Pass
		3	0	17.56	1.50	19.06	<=30	Pass
			2	17.51	1.50	19.01	<=30	Pass
			3	17.68	1.50	19.18	<=30	Pass
		6	0	17.57	1.50	19.07	<=30	Pass
	1732.5	1	0	17.72	1.50	19.22	<=30	Pass
			2	17.85	1.50	19.35	<=30	Pass
			5	17.70	1.50	19.20	<=30	Pass
		3	0	17.62	1.50	19.12	<=30	Pass
			2	17.64	1.50	19.14	<=30	Pass
			3	17.71	1.50	19.21	<=30	Pass
		6	0	17.64	1.50	19.14	<=30	Pass
	1754.3	1	0	17.50	1.50	19.00	<=30	Pass
			2	17.78	1.50	19.28	<=30	Pass
			5	17.67	1.50	19.17	<=30	Pass
		3	0	17.83	1.50	19.33	<=30	Pass
			2	17.79	1.50	19.29	<=30	Pass
			3	17.70	1.50	19.20	<=30	Pass
		6	0	17.67	1.50	19.17	<=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	22.49	1.50	23.99	<=30	Pass
			7	22.54	1.50	24.04	<=30	Pass
			14	22.46	1.50	23.96	<=30	Pass
		8	0	21.62	1.50	23.12	<=30	Pass
			4	21.63	1.50	23.13	<=30	Pass
			7	21.56	1.50	23.06	<=30	Pass
		15	0	21.60	1.50	23.10	<=30	Pass
	1732.5	1	0	22.43	1.50	23.93	<=30	Pass
			7	22.54	1.50	24.04	<=30	Pass
			14	22.51	1.50	24.01	<=30	Pass
		8	0	21.59	1.50	23.09	<=30	Pass
			4	21.66	1.50	23.16	<=30	Pass
			7	21.59	1.50	23.09	<=30	Pass
		15	0	21.64	1.50	23.14	<=30	Pass
	1753.5	1	0	22.60	1.50	24.10	<=30	Pass
			7	22.69	1.50	24.19	<=30	Pass
			14	22.60	1.50	24.10	<=30	Pass
		8	0	21.70	1.50	23.20	<=30	Pass
			4	21.77	1.50	23.27	<=30	Pass
			7	21.71	1.50	23.21	<=30	Pass
		15	0	21.76	1.50	23.26	<=30	Pass
16QAM	1711.5	1	0	21.78	1.50	23.28	<=30	Pass
			7	22.10	1.50	23.60	<=30	Pass
			14	21.81	1.50	23.31	<=30	Pass
		8	0	20.57	1.50	22.07	<=30	Pass
			4	20.64	1.50	22.14	<=30	Pass
			7	20.52	1.50	22.02	<=30	Pass
		15	0	20.60	1.50	22.10	<=30	Pass
	1732.5	1	0	21.85	1.50	23.35	<=30	Pass
			7	21.80	1.50	23.30	<=30	Pass
			14	21.61	1.50	23.11	<=30	Pass
		8	0	20.52	1.50	22.02	<=30	Pass
			4	20.70	1.50	22.20	<=30	Pass
			7	20.47	1.50	21.97	<=30	Pass
		15	0	20.66	1.50	22.16	<=30	Pass
	1753.5	1	0	21.89	1.50	23.39	<=30	Pass
			7	21.72	1.50	23.22	<=30	Pass
			14	22.00	1.50	23.50	<=30	Pass
		8	0	20.74	1.50	22.24	<=30	Pass
			4	20.84	1.50	22.34	<=30	Pass
			7	20.67	1.50	22.17	<=30	Pass
		15	0	20.73	1.50	22.23	<=30	Pass
64QAM	1711.5	1	0	21.37	1.50	22.87	<=30	Pass
			7	21.77	1.50	23.27	<=30	Pass
			14	21.52	1.50	23.02	<=30	Pass
		8	0	20.51	1.50	22.01	<=30	Pass
			4	20.62	1.50	22.12	<=30	Pass
			7	20.58	1.50	22.08	<=30	Pass
		15	0	20.57	1.50	22.07	<=30	Pass
	1732.5	1	0	21.57	1.50	23.07	<=30	Pass
			7	21.65	1.50	23.15	<=30	Pass
			14	21.61	1.50	23.11	<=30	Pass
		8	0	20.52	1.50	22.02	<=30	Pass

256QAM		15	4	20.67	1.50	22.17	<=30	Pass
			7	20.62	1.50	22.12	<=30	Pass
			0	20.62	1.50	22.12	<=30	Pass
	1753.5	1	0	21.70	1.50	23.20	<=30	Pass
			7	21.61	1.50	23.11	<=30	Pass
			14	21.76	1.50	23.26	<=30	Pass
		8	0	20.58	1.50	22.08	<=30	Pass
			4	20.63	1.50	22.13	<=30	Pass
			7	20.75	1.50	22.25	<=30	Pass
		15	0	20.75	1.50	22.25	<=30	Pass
	1711.5	1	0	17.66	1.50	19.16	<=30	Pass
			7	17.67	1.50	19.17	<=30	Pass
			14	17.63	1.50	19.13	<=30	Pass
		8	0	17.59	1.50	19.09	<=30	Pass
			4	17.61	1.50	19.11	<=30	Pass
			7	17.60	1.50	19.10	<=30	Pass
		15	0	17.63	1.50	19.13	<=30	Pass
	1732.5	1	0	17.53	1.50	19.03	<=30	Pass
			7	17.75	1.50	19.25	<=30	Pass
			14	17.71	1.50	19.21	<=30	Pass
		8	0	17.80	1.50	19.30	<=30	Pass
			4	17.65	1.50	19.15	<=30	Pass
			7	17.67	1.50	19.17	<=30	Pass
		15	0	17.53	1.50	19.03	<=30	Pass
	1753.5	1	0	17.81	1.50	19.31	<=30	Pass
			7	17.89	1.50	19.39	<=30	Pass
			14	17.64	1.50	19.14	<=30	Pass
		8	0	17.73	1.50	19.23	<=30	Pass
			4	17.74	1.50	19.24	<=30	Pass
			7	17.76	1.50	19.26	<=30	Pass
		15	0	17.68	1.50	19.18	<=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	22.56	1.50	24.06	<=30	Pass
			13	22.54	1.50	24.04	<=30	Pass
			24	22.48	1.50	23.98	<=30	Pass
		12	0	21.54	1.50	23.04	<=30	Pass
			6	21.59	1.50	23.09	<=30	Pass
			13	21.51	1.50	23.01	<=30	Pass
		25	0	21.57	1.50	23.07	<=30	Pass
			0	22.07	1.50	23.57	<=30	Pass
			13	22.67	1.50	24.17	<=30	Pass
	1732.5	1	24	22.52	1.50	24.02	<=30	Pass
			0	21.59	1.50	23.09	<=30	Pass
			6	21.63	1.50	23.13	<=30	Pass
		12	13	21.66	1.50	23.16	<=30	Pass

	1752.5	25	0	21.51	1.50	23.01	<=30	Pass
		1	0	22.59	1.50	24.09	<=30	Pass
			13	22.68	1.50	24.18	<=30	Pass
			24	22.43	1.50	23.93	<=30	Pass
		12	0	21.74	1.50	23.24	<=30	Pass
			6	21.67	1.50	23.17	<=30	Pass
			13	21.72	1.50	23.22	<=30	Pass
16QAM	1712.5	25	0	21.67	1.50	23.17	<=30	Pass
		1	0	21.81	1.50	23.31	<=30	Pass
			13	21.90	1.50	23.40	<=30	Pass
			24	21.63	1.50	23.13	<=30	Pass
		12	0	20.55	1.50	22.05	<=30	Pass
			6	20.62	1.50	22.12	<=30	Pass
			13	20.66	1.50	22.16	<=30	Pass
	1732.5	25	0	20.60	1.50	22.10	<=30	Pass
		1	0	21.60	1.50	23.10	<=30	Pass
			13	21.73	1.50	23.23	<=30	Pass
			24	21.86	1.50	23.36	<=30	Pass
		12	0	20.61	1.50	22.11	<=30	Pass
			6	20.66	1.50	22.16	<=30	Pass
			13	20.67	1.50	22.17	<=30	Pass
	1752.5	25	0	20.61	1.50	22.11	<=30	Pass
		1	0	21.84	1.50	23.34	<=30	Pass
			13	21.79	1.50	23.29	<=30	Pass
			24	21.91	1.50	23.41	<=30	Pass
		12	0	20.71	1.50	22.21	<=30	Pass
			6	20.77	1.50	22.27	<=30	Pass
			13	20.61	1.50	22.11	<=30	Pass
64QAM	1712.5	25	0	20.73	1.50	22.23	<=30	Pass
		1	0	21.77	1.50	23.27	<=30	Pass
			13	21.73	1.50	23.23	<=30	Pass
			24	21.43	1.50	22.93	<=30	Pass
		12	0	20.67	1.50	22.17	<=30	Pass
			6	20.58	1.50	22.08	<=30	Pass
			13	20.59	1.50	22.09	<=30	Pass
	1732.5	25	0	20.56	1.50	22.06	<=30	Pass
		1	0	21.65	1.50	23.15	<=30	Pass
			13	21.73	1.50	23.23	<=30	Pass
			24	21.65	1.50	23.15	<=30	Pass
		12	0	20.50	1.50	22.00	<=30	Pass
			6	20.41	1.50	21.91	<=30	Pass
			13	20.69	1.50	22.19	<=30	Pass
	1752.5	25	0	20.51	1.50	22.01	<=30	Pass
		1	0	21.71	1.50	23.21	<=30	Pass
			13	21.83	1.50	23.33	<=30	Pass
			24	21.67	1.50	23.17	<=30	Pass
		12	0	20.73	1.50	22.23	<=30	Pass
			6	20.72	1.50	22.22	<=30	Pass
			13	20.65	1.50	22.15	<=30	Pass
256QAM	1712.5	25	0	20.71	1.50	22.21	<=30	Pass
		1	0	17.47	1.50	18.97	<=30	Pass
			13	17.72	1.50	19.22	<=30	Pass
			24	17.58	1.50	19.08	<=30	Pass



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		12	0	17.58	1.50	19.08	<=30	Pass
			6	17.67	1.50	19.17	<=30	Pass
			13	17.56	1.50	19.06	<=30	Pass
		25	0	17.56	1.50	19.06	<=30	Pass
	1732.5	1	0	17.68	1.50	19.18	<=30	Pass
			13	17.85	1.50	19.35	<=30	Pass
			24	17.39	1.50	18.89	<=30	Pass
		12	0	17.60	1.50	19.10	<=30	Pass
			6	17.63	1.50	19.13	<=30	Pass
			13	17.57	1.50	19.07	<=30	Pass
		25	0	17.59	1.50	19.09	<=30	Pass
	1752.5	1	0	17.54	1.50	19.04	<=30	Pass
			13	17.76	1.50	19.26	<=30	Pass
			24	17.80	1.50	19.30	<=30	Pass
		12	0	17.52	1.50	19.02	<=30	Pass
			6	17.78	1.50	19.28	<=30	Pass
			13	17.78	1.50	19.28	<=30	Pass
		25	0	17.74	1.50	19.24	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.50	1.50	24.00	<=30	Pass
			25	22.54	1.50	24.04	<=30	Pass
			49	22.47	1.50	23.97	<=30	Pass
		25	0	21.63	1.50	23.13	<=30	Pass
			13	21.55	1.50	23.05	<=30	Pass
			25	21.62	1.50	23.12	<=30	Pass
		50	0	21.59	1.50	23.09	<=30	Pass
	1732.5	1	0	22.49	1.50	23.99	<=30	Pass
			25	22.66	1.50	24.16	<=30	Pass
			49	22.56	1.50	24.06	<=30	Pass
		25	0	21.59	1.50	23.09	<=30	Pass
			13	21.60	1.50	23.10	<=30	Pass
			25	21.62	1.50	23.12	<=30	Pass
		50	0	21.61	1.50	23.11	<=30	Pass
	1750	1	0	22.57	1.50	24.07	<=30	Pass
			25	22.68	1.50	24.18	<=30	Pass
			49	22.66	1.50	24.16	<=30	Pass
		25	0	21.61	1.50	23.11	<=30	Pass
			13	21.73	1.50	23.23	<=30	Pass
			25	21.73	1.50	23.23	<=30	Pass
		50	0	21.68	1.50	23.18	<=30	Pass
16QAM	1715	1	0	21.70	1.50	23.20	<=30	Pass
			25	21.58	1.50	23.08	<=30	Pass
			49	21.84	1.50	23.34	<=30	Pass
		25	0	20.53	1.50	22.03	<=30	Pass
			13	20.57	1.50	22.07	<=30	Pass

	1732.5		25	20.55	1.50	22.05	<=30	Pass	
		50	0	20.49	1.50	21.99	<=30	Pass	
		1	0	21.64	1.50	23.14	<=30	Pass	
			25	21.65	1.50	23.15	<=30	Pass	
			49	21.72	1.50	23.22	<=30	Pass	
		25	0	20.54	1.50	22.04	<=30	Pass	
			13	20.61	1.50	22.11	<=30	Pass	
			25	20.67	1.50	22.17	<=30	Pass	
		50	0	20.57	1.50	22.07	<=30	Pass	
		1750	1	0	21.67	1.50	23.17	<=30	Pass
				25	22.04	1.50	23.54	<=30	Pass
				49	21.78	1.50	23.28	<=30	Pass
	25		0	20.59	1.50	22.09	<=30	Pass	
			13	20.76	1.50	22.26	<=30	Pass	
			25	20.72	1.50	22.22	<=30	Pass	
	50	0	20.68	1.50	22.18	<=30	Pass		
	64QAM	1715	1	0	21.62	1.50	23.12	<=30	Pass
				25	21.65	1.50	23.15	<=30	Pass
49				21.59	1.50	23.09	<=30	Pass	
25			0	20.61	1.50	22.11	<=30	Pass	
			13	20.63	1.50	22.13	<=30	Pass	
			25	20.55	1.50	22.05	<=30	Pass	
50		0	20.59	1.50	22.09	<=30	Pass		
1732.5		1	0	21.37	1.50	22.87	<=30	Pass	
			25	21.66	1.50	23.16	<=30	Pass	
			49	21.55	1.50	23.05	<=30	Pass	
		25	0	20.58	1.50	22.08	<=30	Pass	
			13	20.60	1.50	22.10	<=30	Pass	
			25	20.67	1.50	22.17	<=30	Pass	
50		0	20.55	1.50	22.05	<=30	Pass		
1750		1	0	21.53	1.50	23.03	<=30	Pass	
			25	21.62	1.50	23.12	<=30	Pass	
			49	21.77	1.50	23.27	<=30	Pass	
		25	0	20.59	1.50	22.09	<=30	Pass	
	13		20.78	1.50	22.28	<=30	Pass		
	25		20.71	1.50	22.21	<=30	Pass		
50	0	20.67	1.50	22.17	<=30	Pass			
256QAM	1715	1	0	17.56	1.50	19.06	<=30	Pass	
			25	17.70	1.50	19.20	<=30	Pass	
			49	17.84	1.50	19.34	<=30	Pass	
		25	0	17.43	1.50	18.93	<=30	Pass	
			13	17.64	1.50	19.14	<=30	Pass	
			25	17.67	1.50	19.17	<=30	Pass	
	50	0	17.60	1.50	19.10	<=30	Pass		
	1732.5	1	0	17.58	1.50	19.08	<=30	Pass	
			25	17.55	1.50	19.05	<=30	Pass	
			49	17.59	1.50	19.09	<=30	Pass	
		25	0	17.72	1.50	19.22	<=30	Pass	
			13	17.58	1.50	19.08	<=30	Pass	
			25	17.60	1.50	19.10	<=30	Pass	
	50	0	17.63	1.50	19.13	<=30	Pass		
	1750	1	0	17.41	1.50	18.91	<=30	Pass	
25			17.84	1.50	19.34	<=30	Pass		



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		49	17.77	1.50	19.27	<=30	Pass
	25	0	17.47	1.50	18.97	<=30	Pass
		13	17.76	1.50	19.26	<=30	Pass
		25	17.74	1.50	19.24	<=30	Pass
	50	0	17.63	1.50	19.13	<=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	22.36	1.50	23.86	<=30	Pass
			38	22.37	1.50	23.87	<=30	Pass
			74	22.45	1.50	23.95	<=30	Pass
		36	0	21.34	1.50	22.84	<=30	Pass
			18	21.46	1.50	22.96	<=30	Pass
			39	21.46	1.50	22.96	<=30	Pass
		75	0	21.52	1.50	23.02	<=30	Pass
	1732.5	1	0	22.31	1.50	23.81	<=30	Pass
			38	22.49	1.50	23.99	<=30	Pass
			74	22.63	1.50	24.13	<=30	Pass
		36	0	21.37	1.50	22.87	<=30	Pass
			18	21.44	1.50	22.94	<=30	Pass
			39	21.49	1.50	22.99	<=30	Pass
		75	0	21.43	1.50	22.93	<=30	Pass
	1747.5	1	0	22.42	1.50	23.92	<=30	Pass
			38	22.57	1.50	24.07	<=30	Pass
			74	22.61	1.50	24.11	<=30	Pass
		36	0	21.50	1.50	23.00	<=30	Pass
			18	21.55	1.50	23.05	<=30	Pass
			39	21.56	1.50	23.06	<=30	Pass
		75	0	21.60	1.50	23.10	<=30	Pass
16QAM	1717.5	1	0	21.46	1.50	22.96	<=30	Pass
			38	21.33	1.50	22.83	<=30	Pass
			74	21.51	1.50	23.01	<=30	Pass
		36	0	20.37	1.50	21.87	<=30	Pass
			18	20.40	1.50	21.90	<=30	Pass
			39	20.38	1.50	21.88	<=30	Pass
		75	0	20.42	1.50	21.92	<=30	Pass
	1732.5	1	0	21.54	1.50	23.04	<=30	Pass
			38	21.50	1.50	23.00	<=30	Pass
			74	21.73	1.50	23.23	<=30	Pass
		36	0	20.38	1.50	21.88	<=30	Pass
			18	20.44	1.50	21.94	<=30	Pass
			39	20.58	1.50	22.08	<=30	Pass
		75	0	20.43	1.50	21.93	<=30	Pass
	1747.5	1	0	21.72	1.50	23.22	<=30	Pass
			38	21.71	1.50	23.21	<=30	Pass
			74	21.92	1.50	23.42	<=30	Pass
		36	0	20.51	1.50	22.01	<=30	Pass

64QAM	1717.5	75	18	20.54	1.50	22.04	<=30	Pass
			39	20.45	1.50	21.95	<=30	Pass
			0	20.56	1.50	22.06	<=30	Pass
		36	0	21.40	1.50	22.90	<=30	Pass
			38	21.10	1.50	22.60	<=30	Pass
			74	21.43	1.50	22.93	<=30	Pass
		75	0	20.37	1.50	21.87	<=30	Pass
			18	20.46	1.50	21.96	<=30	Pass
			39	20.45	1.50	21.95	<=30	Pass
	1732.5	1	0	20.42	1.50	21.92	<=30	Pass
			0	21.40	1.50	22.90	<=30	Pass
			38	21.49	1.50	22.99	<=30	Pass
		36	74	21.44	1.50	22.94	<=30	Pass
			0	20.36	1.50	21.86	<=30	Pass
			18	20.51	1.50	22.01	<=30	Pass
		75	39	20.56	1.50	22.06	<=30	Pass
			0	20.44	1.50	21.94	<=30	Pass
			0	21.39	1.50	22.89	<=30	Pass
	1747.5	1	38	21.53	1.50	23.03	<=30	Pass
			74	21.64	1.50	23.14	<=30	Pass
		36	0	20.48	1.50	21.98	<=30	Pass
			18	20.52	1.50	22.02	<=30	Pass
			39	20.62	1.50	22.12	<=30	Pass
		75	0	20.58	1.50	22.08	<=30	Pass
256QAM	1717.5	1	0	16.93	1.50	18.43	<=30	Pass
			38	17.48	1.50	18.98	<=30	Pass
			74	17.61	1.50	19.11	<=30	Pass
		36	0	17.25	1.50	18.75	<=30	Pass
			18	17.44	1.50	18.94	<=30	Pass
			39	17.53	1.50	19.03	<=30	Pass
		75	0	17.47	1.50	18.97	<=30	Pass
			0	17.47	1.50	18.97	<=30	Pass
			38	17.31	1.50	18.81	<=30	Pass
	1732.5	1	74	17.31	1.50	18.81	<=30	Pass
			0	17.91	1.50	19.41	<=30	Pass
		36	18	17.44	1.50	18.94	<=30	Pass
			39	17.10	1.50	18.60	<=30	Pass
			0	17.44	1.50	18.94	<=30	Pass
		75	0	17.52	1.50	19.02	<=30	Pass
			38	17.47	1.50	18.97	<=30	Pass
			74	17.91	1.50	19.41	<=30	Pass
	1747.5	1	0	17.54	1.50	19.04	<=30	Pass
			18	17.59	1.50	19.09	<=30	Pass
			39	17.61	1.50	19.11	<=30	Pass
		36	0	17.51	1.50	19.01	<=30	Pass
			0					
			0					
		75	0					
			0					
			0					

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	1720	1	0	22.07	1.50	23.57	<=30	Pass
			50	22.50	1.50	24.00	<=30	Pass
			99	22.48	1.50	23.98	<=30	Pass
		50	0	21.48	1.50	22.98	<=30	Pass
			25	21.53	1.50	23.03	<=30	Pass
			50	21.58	1.50	23.08	<=30	Pass
		100	0	21.47	1.50	22.97	<=30	Pass
	1732.5	1	0	22.34	1.50	23.84	<=30	Pass
			50	22.51	1.50	24.01	<=30	Pass
			99	22.55	1.50	24.05	<=30	Pass
		50	0	21.43	1.50	22.93	<=30	Pass
			25	21.43	1.50	22.93	<=30	Pass
			50	21.55	1.50	23.05	<=30	Pass
		100	0	21.34	1.50	22.84	<=30	Pass
	1745	1	0	22.46	1.50	23.96	<=30	Pass
			50	22.43	1.50	23.93	<=30	Pass
			99	22.47	1.50	23.97	<=30	Pass
		50	0	21.40	1.50	22.90	<=30	Pass
			25	21.53	1.50	23.03	<=30	Pass
			50	21.61	1.50	23.11	<=30	Pass
		100	0	21.54	1.50	23.04	<=30	Pass
16QAM	1720	1	0	21.67	1.50	23.17	<=30	Pass
			50	21.83	1.50	23.33	<=30	Pass
			99	21.67	1.50	23.17	<=30	Pass
		50	0	20.32	1.50	21.82	<=30	Pass
			25	20.51	1.50	22.01	<=30	Pass
			50	20.50	1.50	22.00	<=30	Pass
		100	0	20.50	1.50	22.00	<=30	Pass
	1732.5	1	0	21.86	1.50	23.36	<=30	Pass
			50	21.84	1.50	23.34	<=30	Pass
			99	21.54	1.50	23.04	<=30	Pass
		50	0	20.34	1.50	21.84	<=30	Pass
			25	20.51	1.50	22.01	<=30	Pass
			50	20.50	1.50	22.00	<=30	Pass
		100	0	20.45	1.50	21.95	<=30	Pass
	1745	1	0	21.71	1.50	23.21	<=30	Pass
			50	21.62	1.50	23.12	<=30	Pass
			99	21.77	1.50	23.27	<=30	Pass
		50	0	20.44	1.50	21.94	<=30	Pass
			25	20.51	1.50	22.01	<=30	Pass
			50	20.60	1.50	22.10	<=30	Pass
		100	0	20.53	1.50	22.03	<=30	Pass
64QAM	1720	1	0	21.39	1.50	22.89	<=30	Pass
			50	21.62	1.50	23.12	<=30	Pass
			99	21.38	1.50	22.88	<=30	Pass
		50	0	20.36	1.50	21.86	<=30	Pass
			25	20.49	1.50	21.99	<=30	Pass
			50	20.50	1.50	22.00	<=30	Pass
		100	0	20.46	1.50	21.96	<=30	Pass
	1732.5	1	0	21.46	1.50	22.96	<=30	Pass
			50	21.40	1.50	22.90	<=30	Pass
			99	21.39	1.50	22.89	<=30	Pass

256QAM	1745	50	0	20.43	1.50	21.93	<=30	Pass
			25	20.49	1.50	21.99	<=30	Pass
			50	20.52	1.50	22.02	<=30	Pass
		100	0	20.46	1.50	21.96	<=30	Pass
			0	21.39	1.50	22.89	<=30	Pass
			50	21.57	1.50	23.07	<=30	Pass
		1	99	21.63	1.50	23.13	<=30	Pass
			0	20.50	1.50	22.00	<=30	Pass
			25	20.51	1.50	22.01	<=30	Pass
	1720	50	50	20.58	1.50	22.08	<=30	Pass
			0	20.46	1.50	21.96	<=30	Pass
			0	17.27	1.50	18.77	<=30	Pass
		1	50	17.70	1.50	19.20	<=30	Pass
			99	17.36	1.50	18.86	<=30	Pass
			0	17.37	1.50	18.87	<=30	Pass
		50	25	17.47	1.50	18.97	<=30	Pass
			50	17.52	1.50	19.02	<=30	Pass
			0	17.46	1.50	18.96	<=30	Pass
256QAM	1732.5	100	0	17.50	1.50	19.00	<=30	Pass
			0	17.08	1.50	18.58	<=30	Pass
			99	17.54	1.50	19.04	<=30	Pass
		1	0	17.80	1.50	19.30	<=30	Pass
			25	17.50	1.50	19.00	<=30	Pass
			50	17.55	1.50	19.05	<=30	Pass
		50	0	17.46	1.50	18.96	<=30	Pass
			0	17.49	1.50	18.99	<=30	Pass
			50	17.32	1.50	18.82	<=30	Pass
256QAM	1745	1	99	17.65	1.50	19.15	<=30	Pass
			0	16.98	1.50	18.48	<=30	Pass
			25	17.55	1.50	19.05	<=30	Pass
		50	50	17.56	1.50	19.06	<=30	Pass
			0	17.47	1.50	18.97	<=30	Pass
			0	17.49	1.50	18.99	<=30	Pass
		1	50	17.32	1.50	18.82	<=30	Pass
			99	17.65	1.50	19.15	<=30	Pass
			0	16.98	1.50	18.48	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	LV	0.656	0.0004	-2.5 to 2.5	Pass
					NV	1.358	0.0008	-2.5 to 2.5	Pass
					HV	1.452	0.0008	-2.5 to 2.5	Pass
				-30	NV	1.738	0.0010	-2.5 to 2.5	Pass
				-20	NV	1.812	0.0010	-2.5 to 2.5	Pass
				-10	NV	1.101	0.0006	-2.5 to 2.5	Pass
				0	NV	0.698	0.0004	-2.5 to 2.5	Pass



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				10	NV	1.375	0.0008	-2.5 to 2.5	Pass
				30	NV	1.333	0.0008	-2.5 to 2.5	Pass
				40	NV	1.096	0.0006	-2.5 to 2.5	Pass
				50	NV	0.711	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.089	/	Pass
	16QAM	1732.5	6	0	1.092	/	Pass
	64QAM	1732.5	6	0	1.088	/	Pass
	256QAM	1732.5	6	0	1.094	/	Pass
3	QPSK	1732.5	15	0	2.688	/	Pass
	16QAM	1732.5	15	0	2.687	/	Pass
	64QAM	1732.5	15	0	2.687	/	Pass
	256QAM	1732.5	15	0	2.686	/	Pass
5	QPSK	1732.5	25	0	4.518	/	Pass
	16QAM	1732.5	25	0	4.526	/	Pass
	64QAM	1732.5	25	0	4.518	/	Pass
	256QAM	1732.5	25	0	4.524	/	Pass
10	QPSK	1732.5	50	0	8.967	/	Pass
	16QAM	1732.5	50	0	8.968	/	Pass
	64QAM	1732.5	50	0	8.952	/	Pass
	256QAM	1732.5	50	0	8.963	/	Pass
15	QPSK	1732.5	75	0	13.433	/	Pass
	16QAM	1732.5	75	0	13.486	/	Pass
	64QAM	1732.5	75	0	13.457	/	Pass
	256QAM	1732.5	75	0	13.479	/	Pass
20	QPSK	1732.5	100	0	17.909	/	Pass
	16QAM	1732.5	100	0	17.942	/	Pass
	64QAM	1732.5	100	0	17.912	/	Pass
	256QAM	1732.5	100	0	17.944	/	Pass

3.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.298	/	Pass
	16QAM	1732.5	6	0	1.341	/	Pass
	64QAM	1732.5	6	0	1.310	/	Pass
	256QAM	1732.5	6	0	1.341	/	Pass



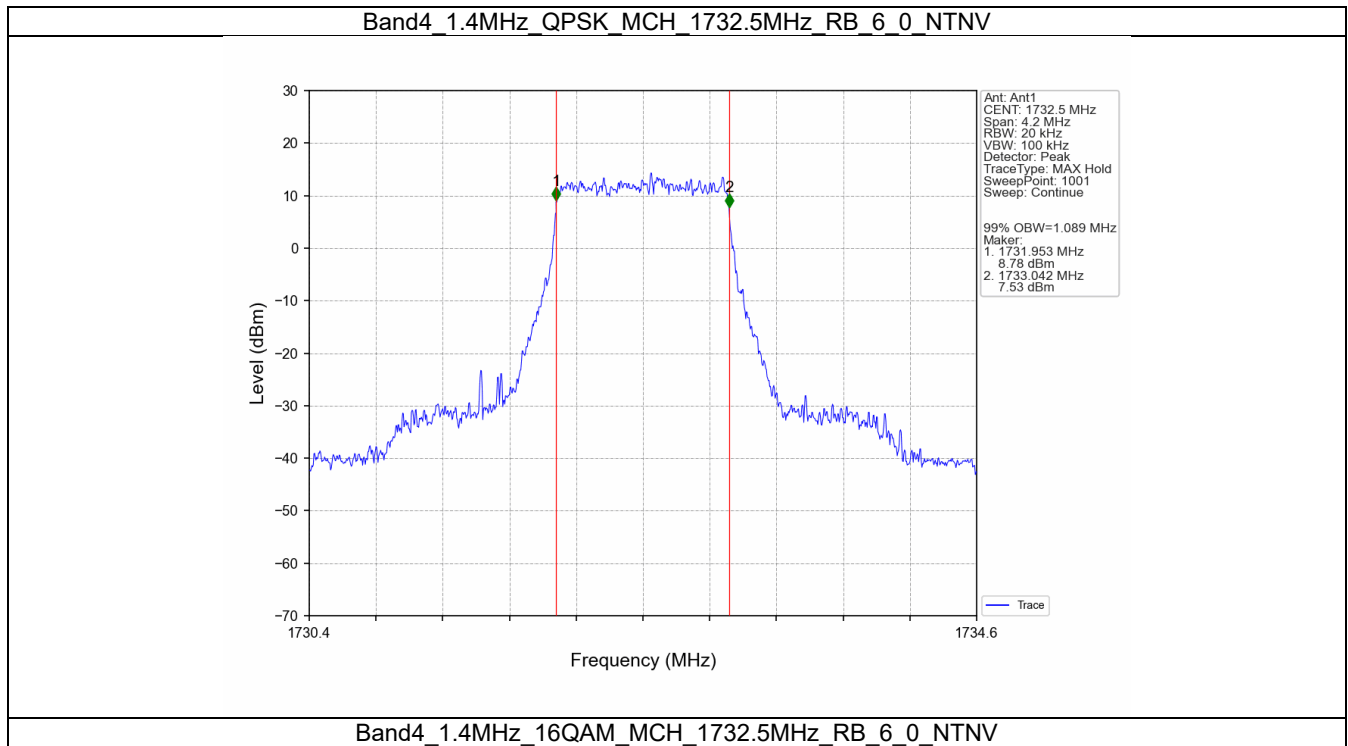
Report No.: SUCR260400031709

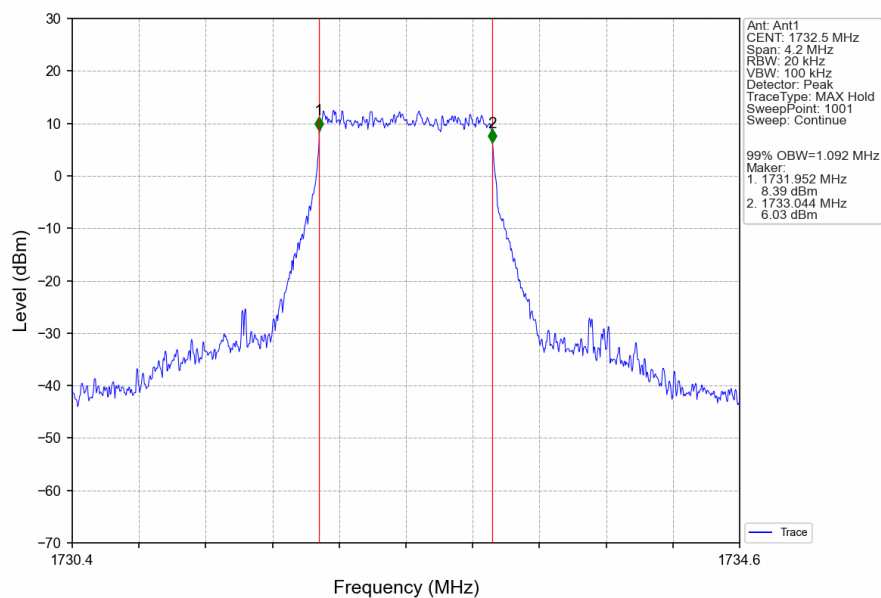
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3	QPSK	1732.5	15	0	3.004	/	Pass
	16QAM	1732.5	15	0	2.960	/	Pass
	64QAM	1732.5	15	0	2.981	/	Pass
	256QAM	1732.5	15	0	2.956	/	Pass
5	QPSK	1732.5	25	0	5.206	/	Pass
	16QAM	1732.5	25	0	5.114	/	Pass
	64QAM	1732.5	25	0	5.208	/	Pass
	256QAM	1732.5	25	0	5.115	/	Pass
10	QPSK	1732.5	50	0	9.837	/	Pass
	16QAM	1732.5	50	0	9.788	/	Pass
	64QAM	1732.5	50	0	9.787	/	Pass
	256QAM	1732.5	50	0	9.781	/	Pass
15	QPSK	1732.5	75	0	14.216	/	Pass
	16QAM	1732.5	75	0	14.807	/	Pass
	64QAM	1732.5	75	0	14.709	/	Pass
	256QAM	1732.5	75	0	14.637	/	Pass
20	QPSK	1732.5	100	0	19.386	/	Pass
	16QAM	1732.5	100	0	19.454	/	Pass
	64QAM	1732.5	100	0	19.335	/	Pass
	256QAM	1732.5	100	0	19.392	/	Pass

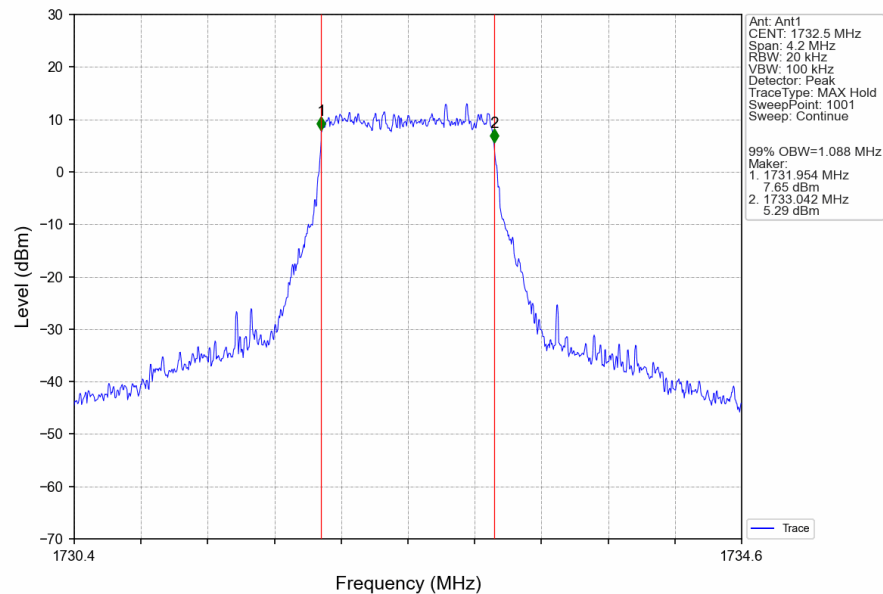
3.2 Test Graph

3.2.1 Band4_OBW

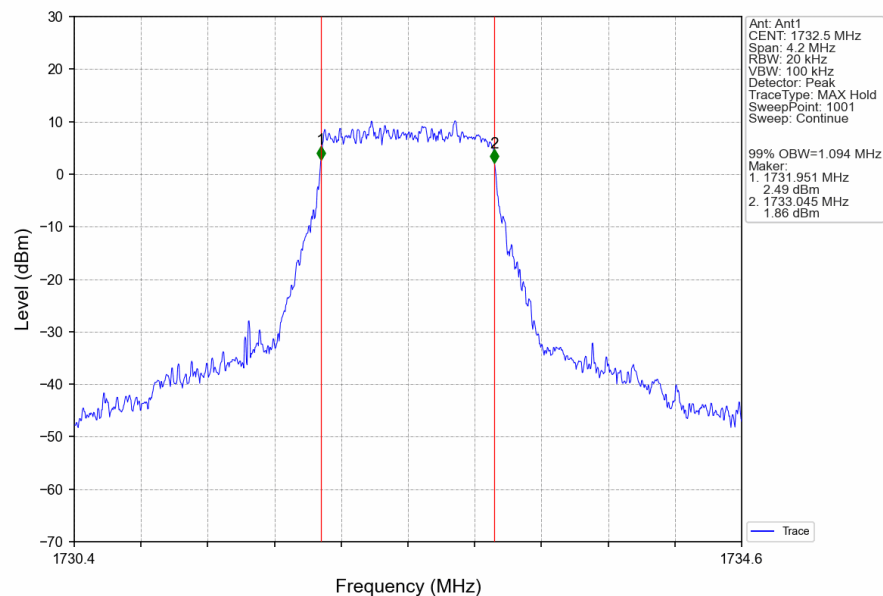




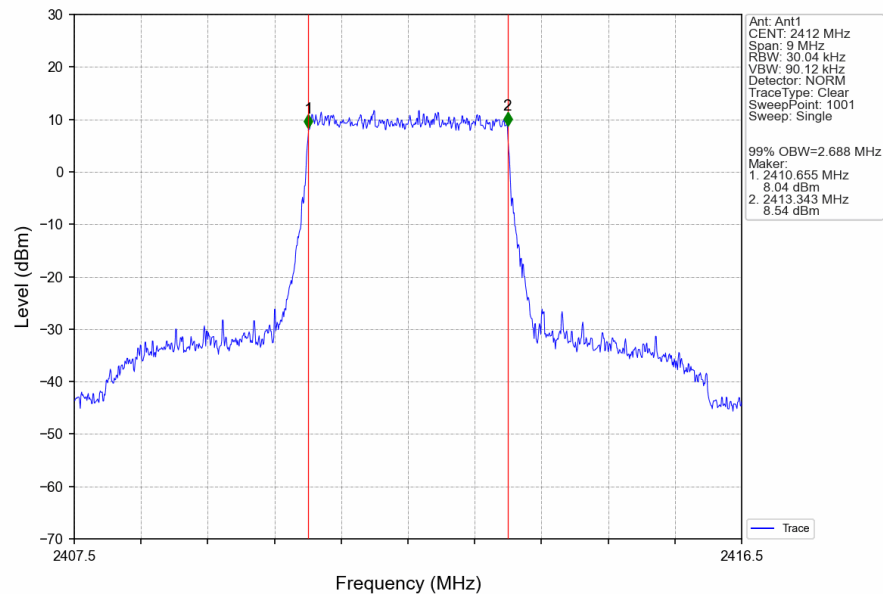
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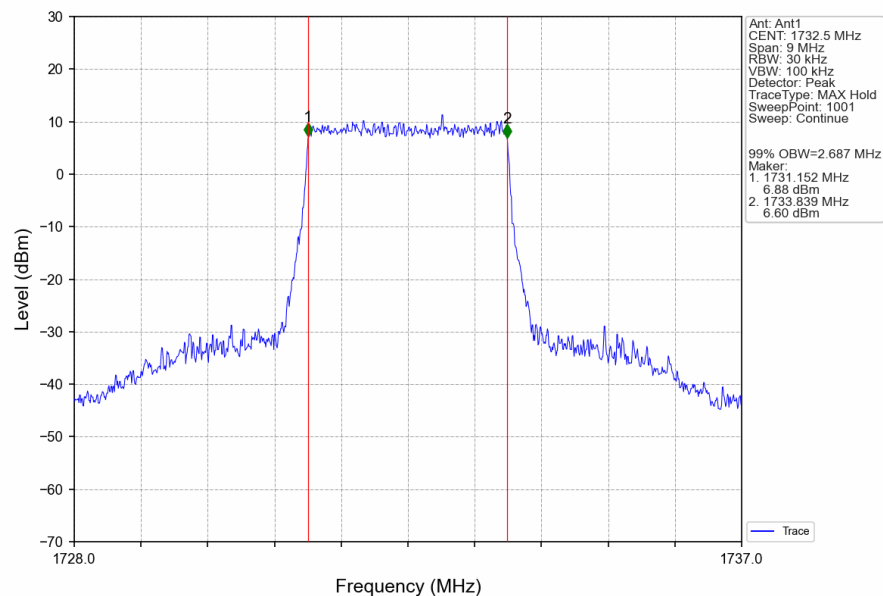
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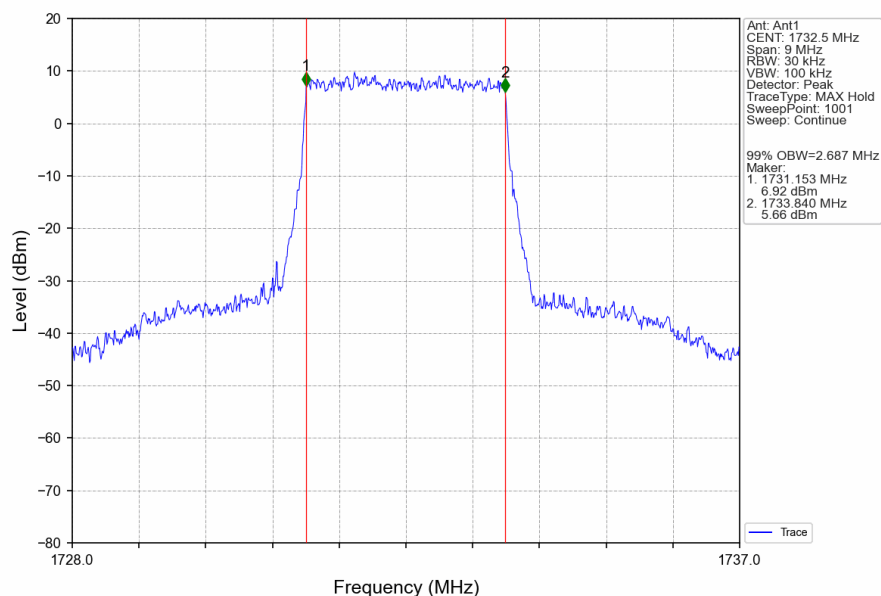
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



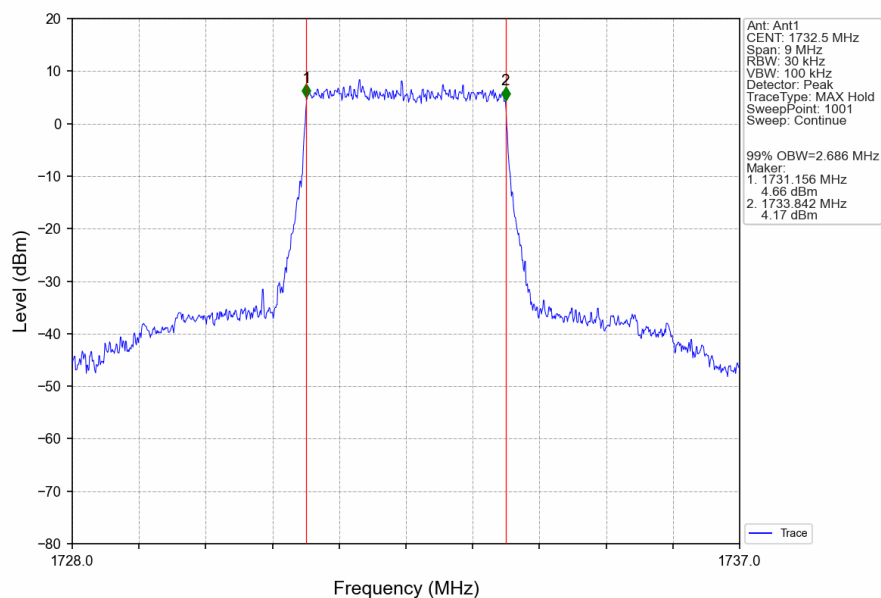
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



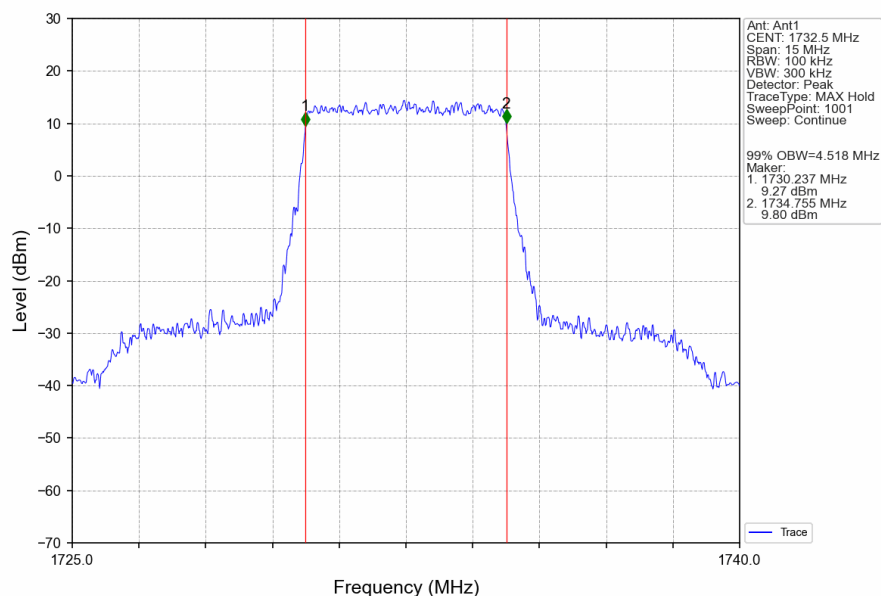
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



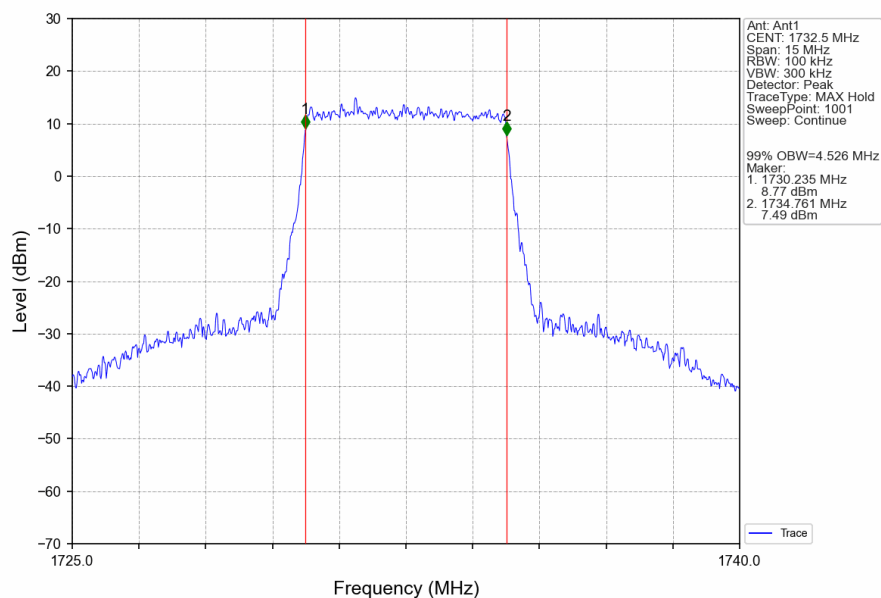
Band4_3MHz_256QAM_MCH_1732.5MHz_RB_15_0_NTNV



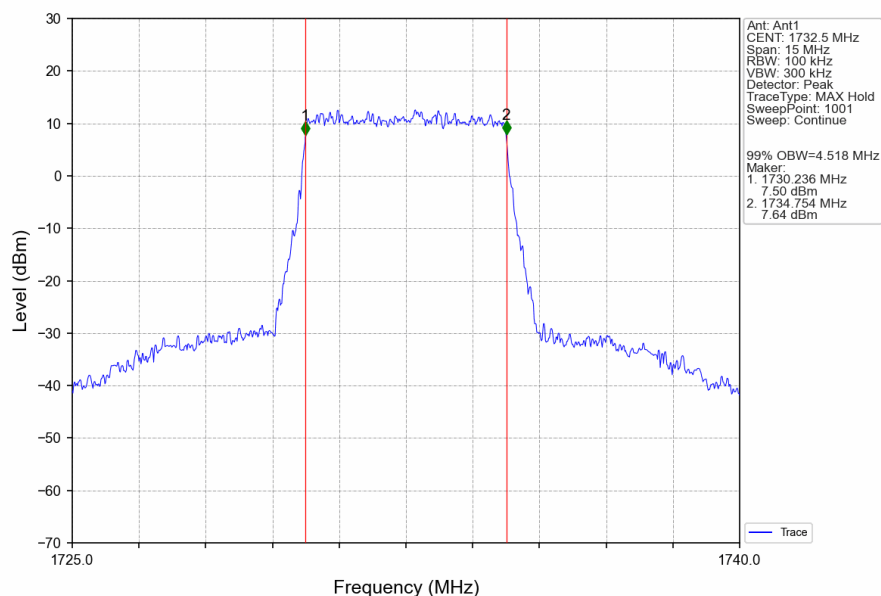
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



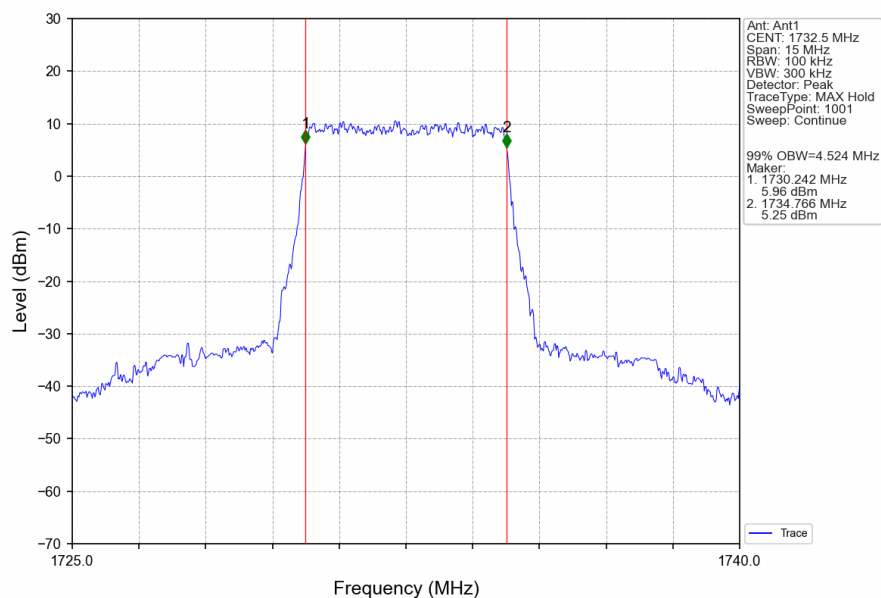
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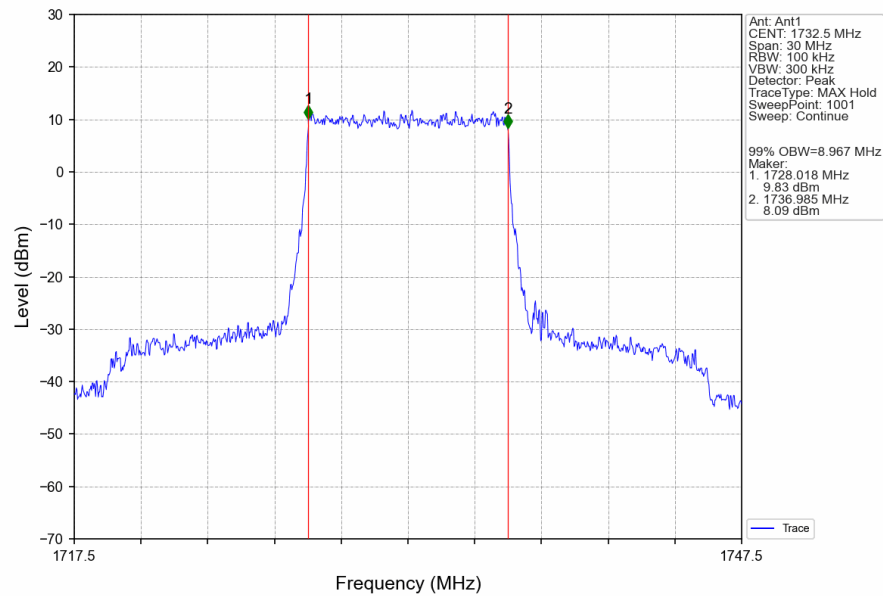
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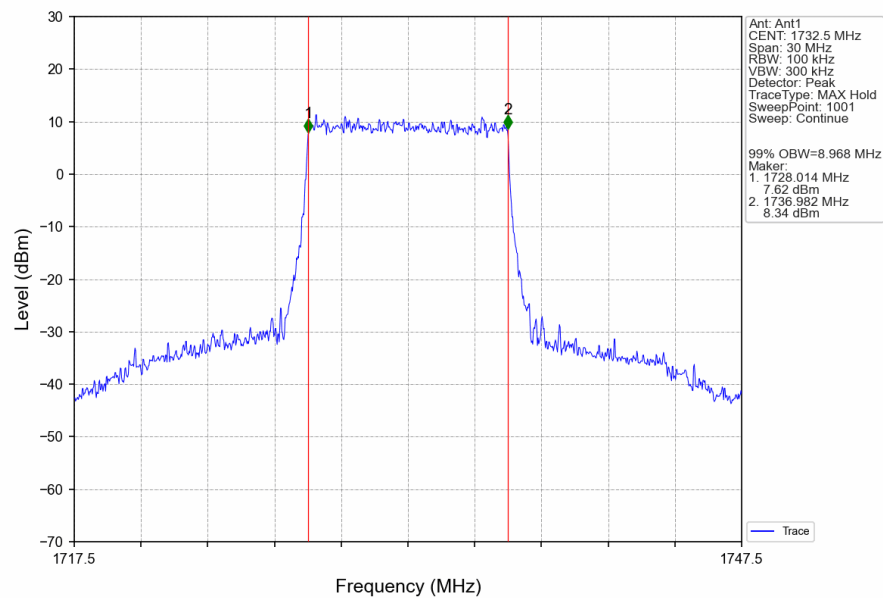
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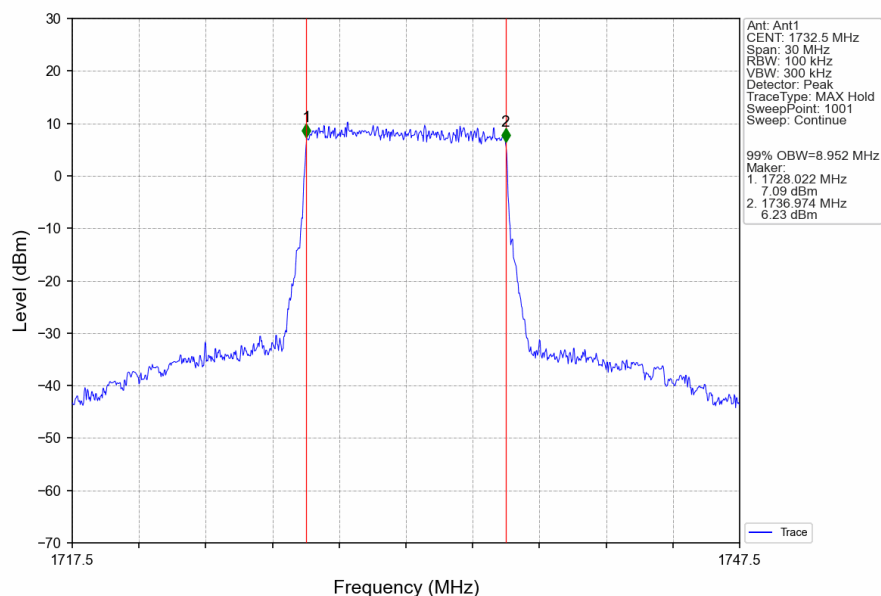
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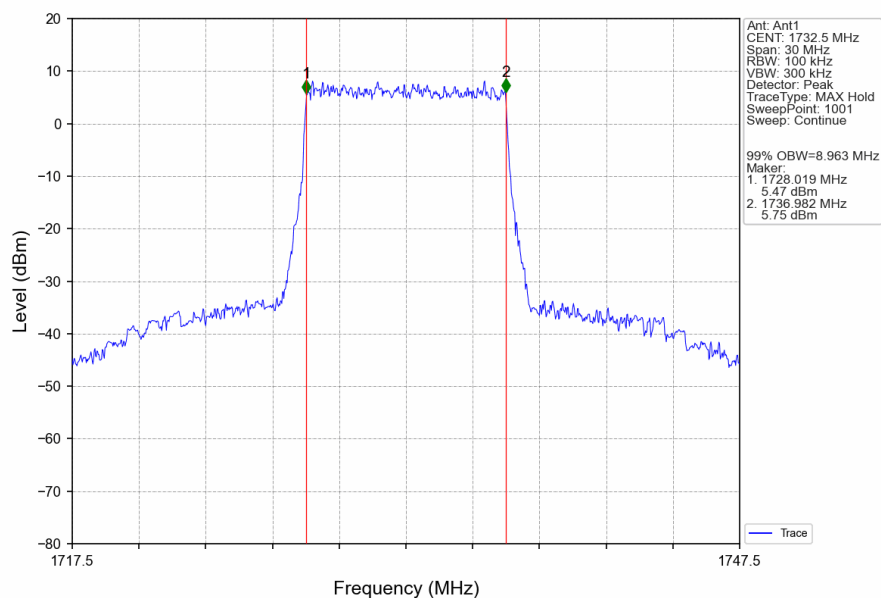
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



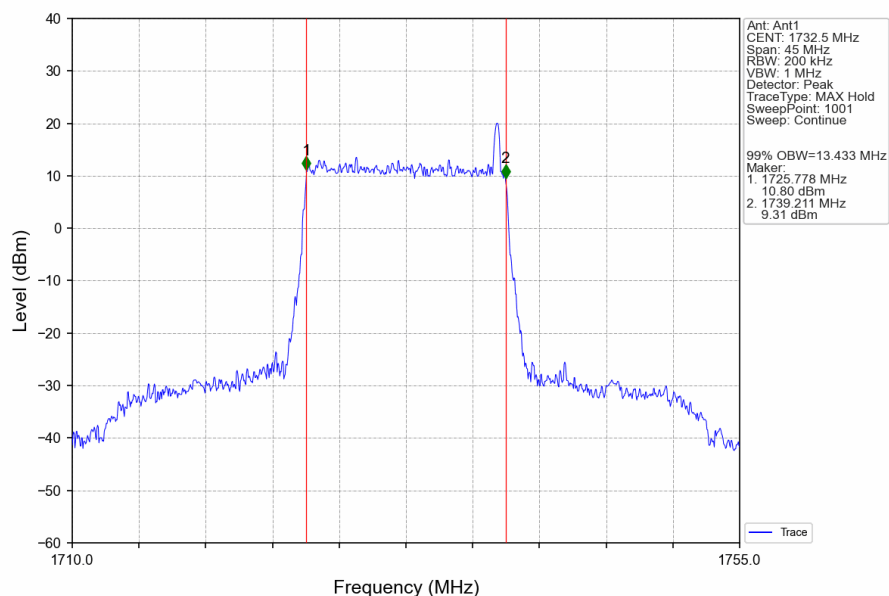
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



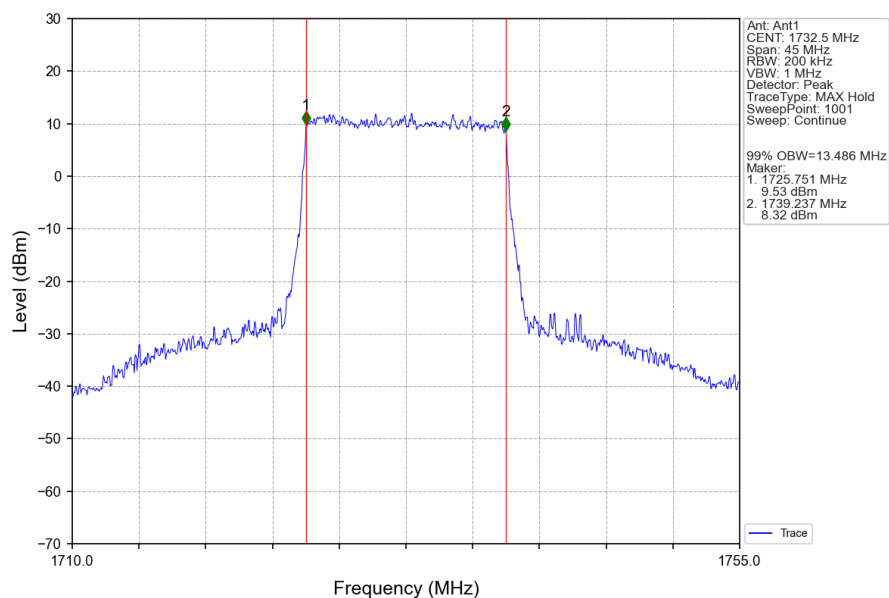
Band4_10MHz_256QAM_MCH_1732.5MHz_RB_50_0_NTNV



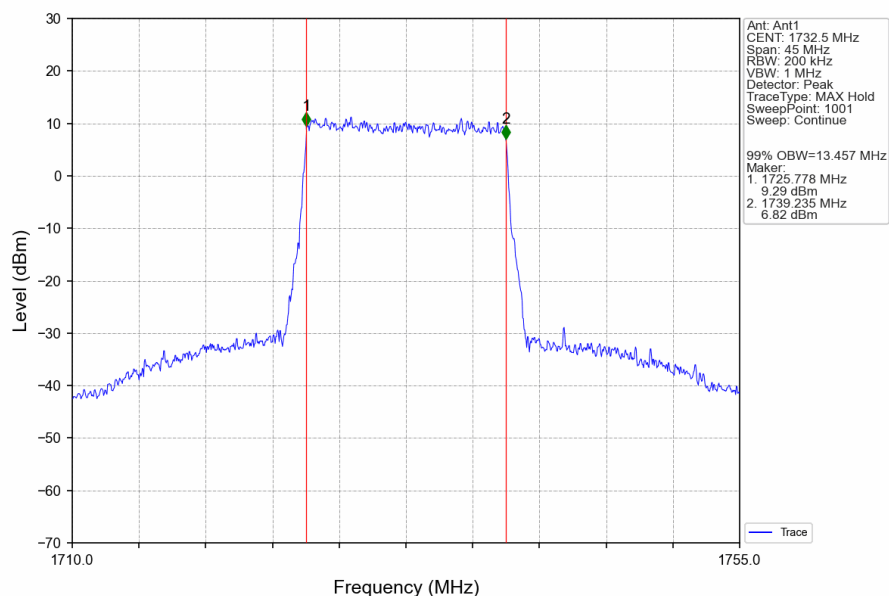
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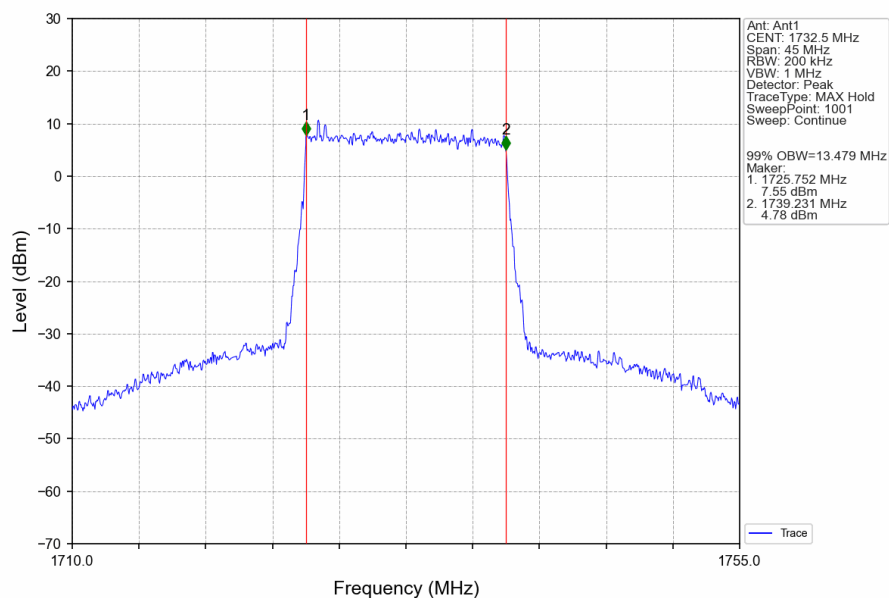
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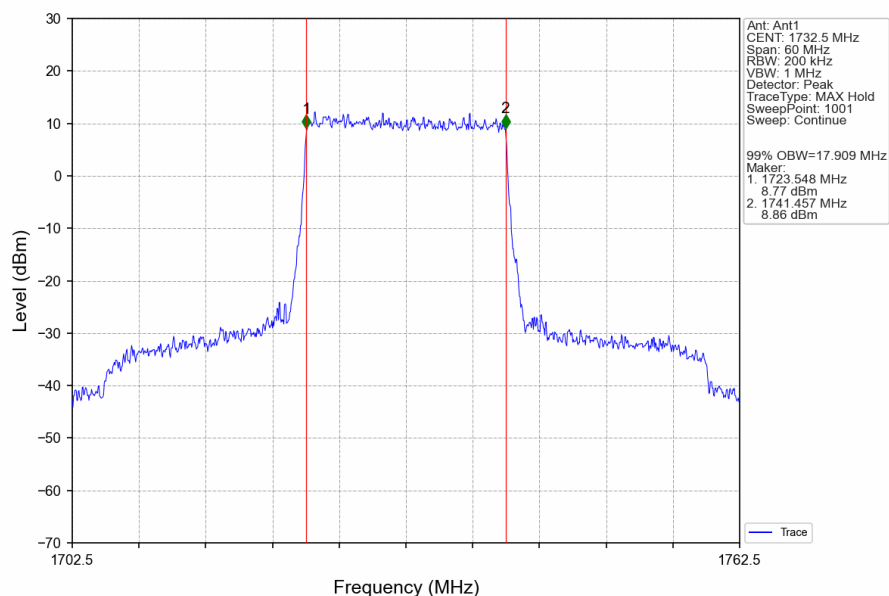
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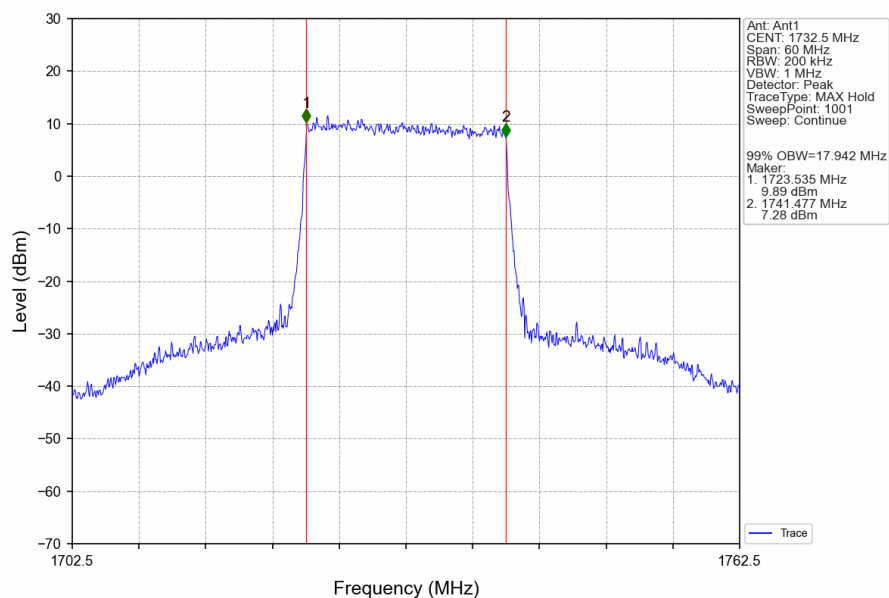
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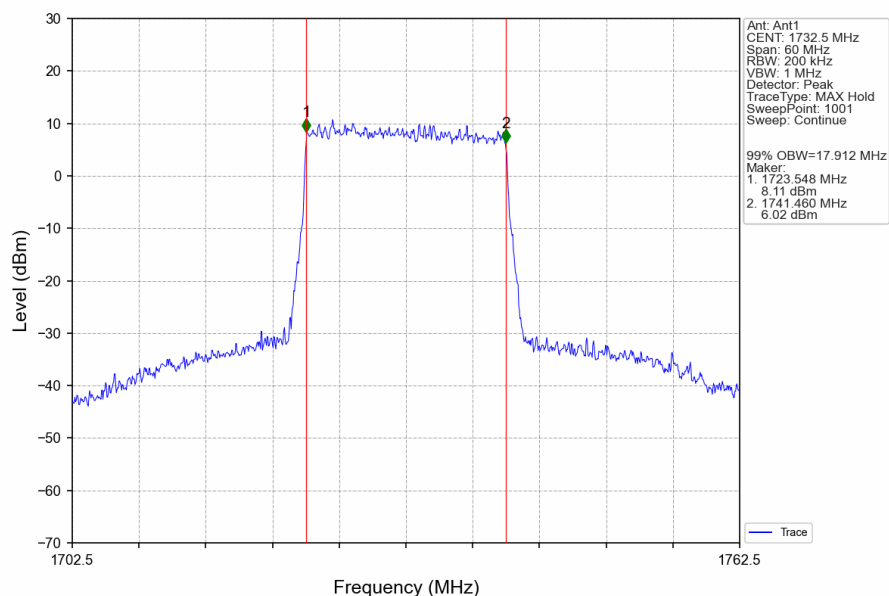
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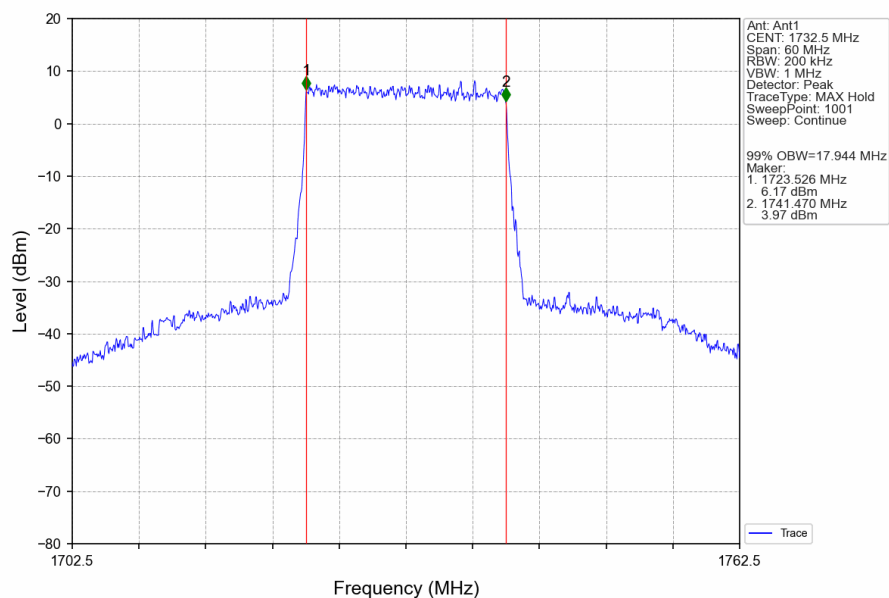
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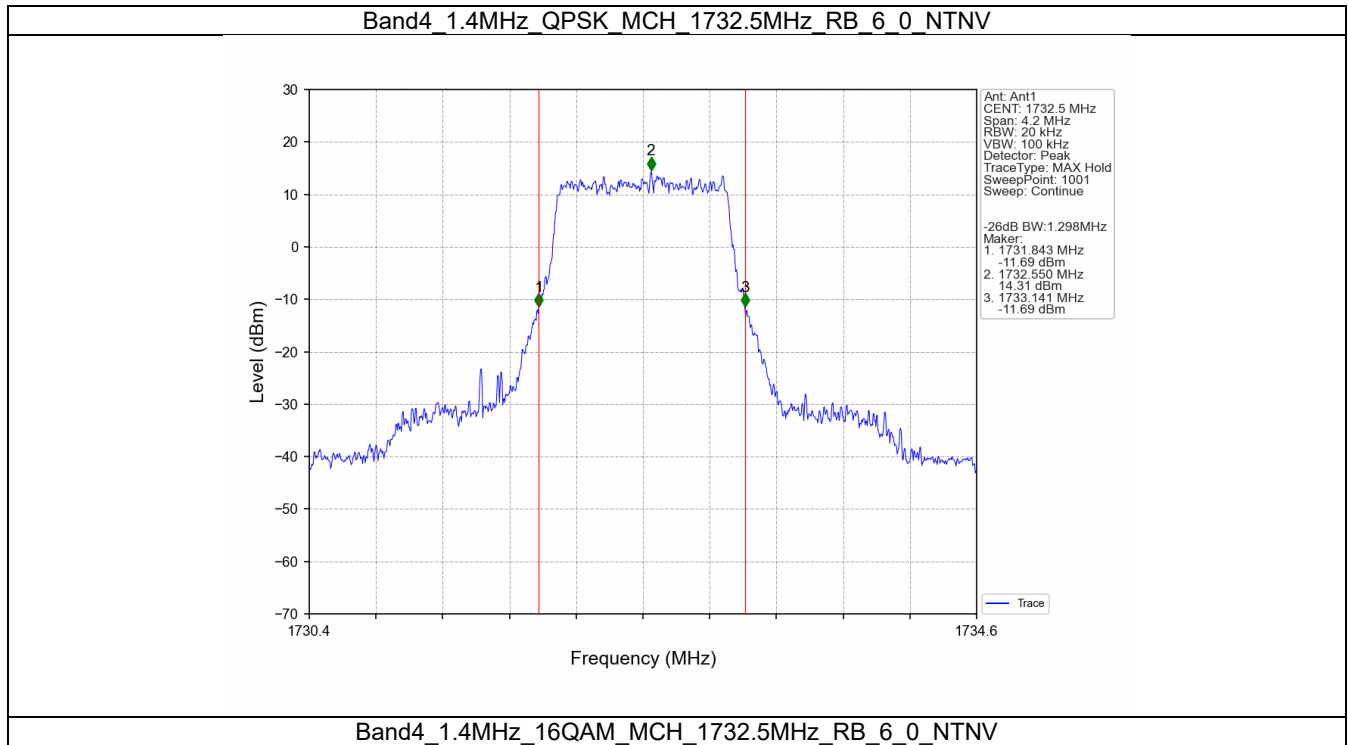
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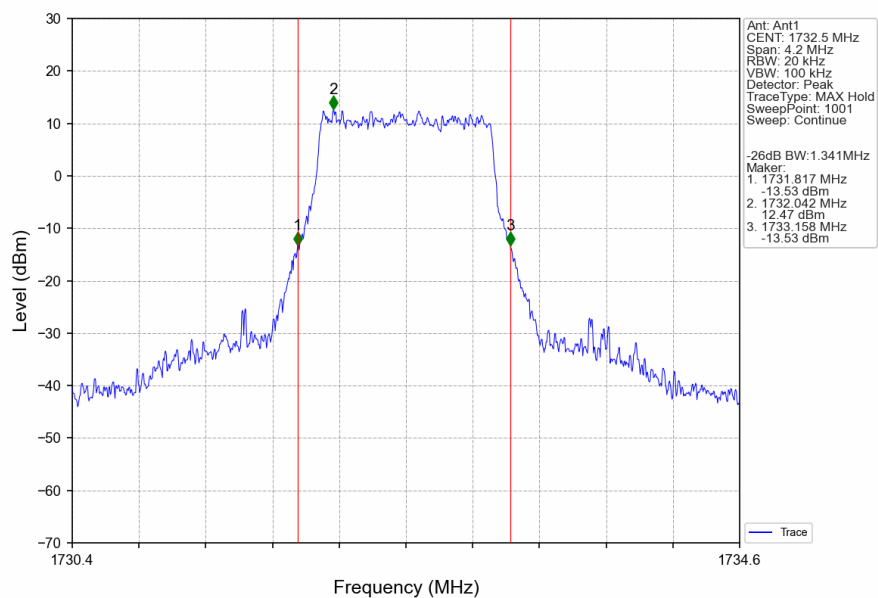


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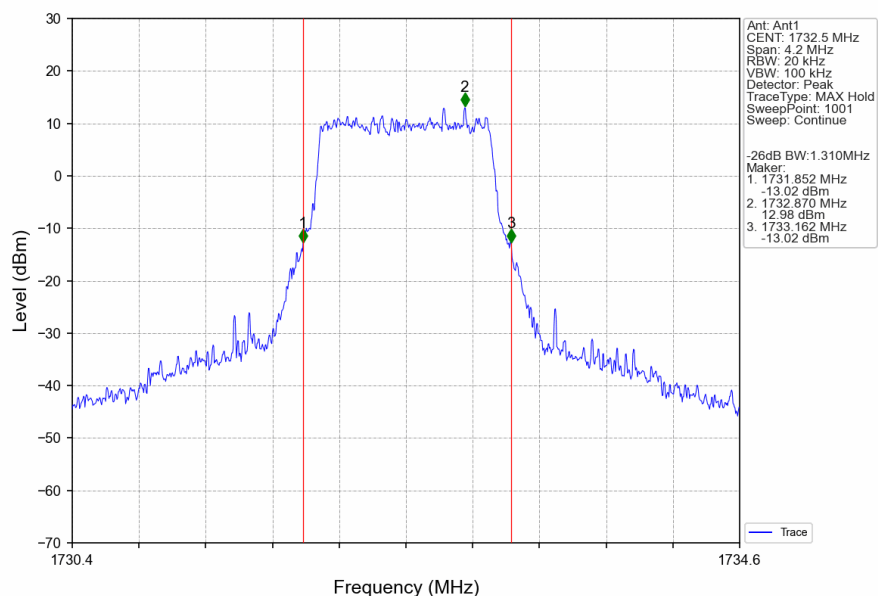


3.2.2 Band4_XDB

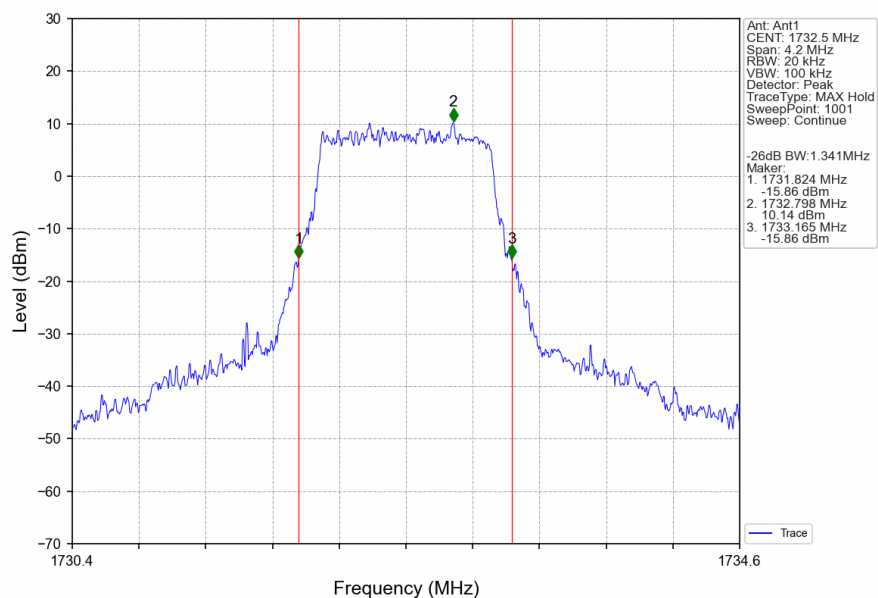




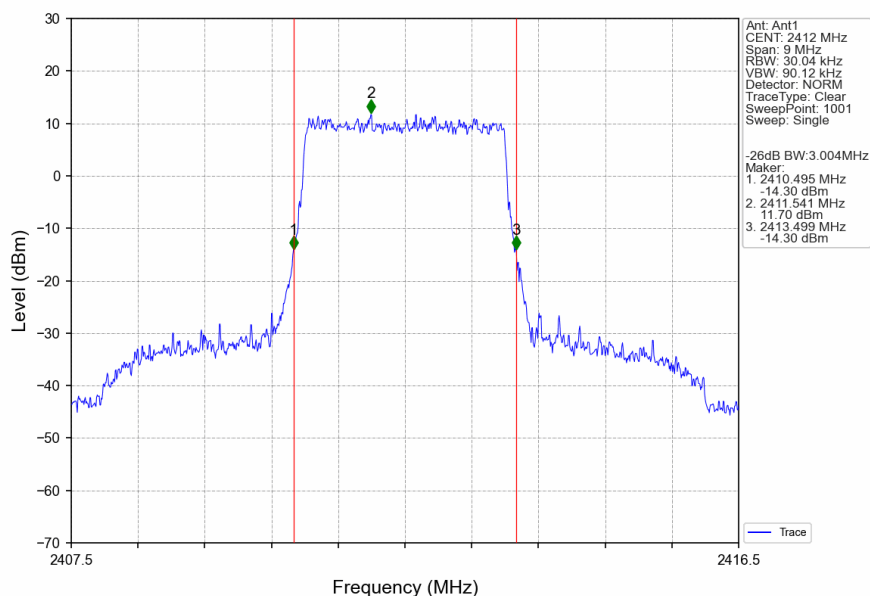
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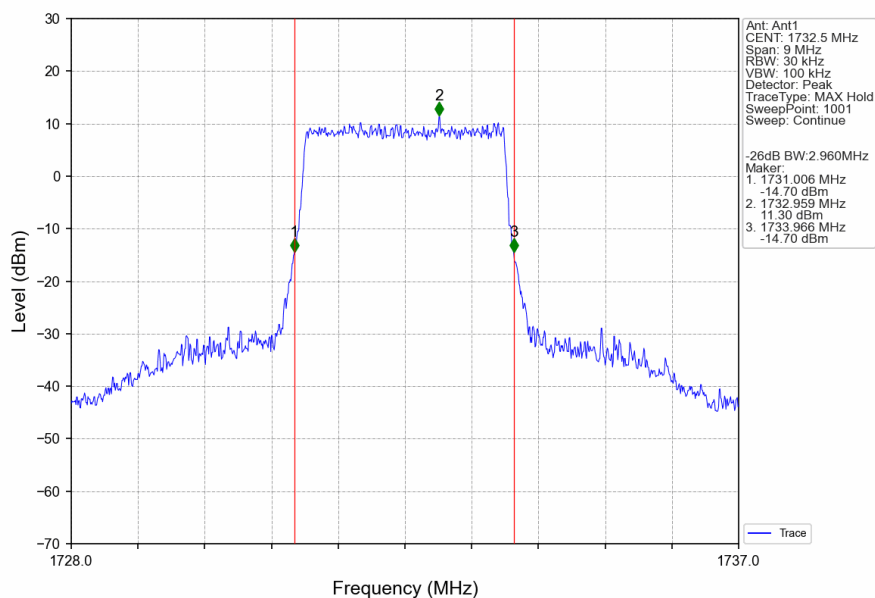
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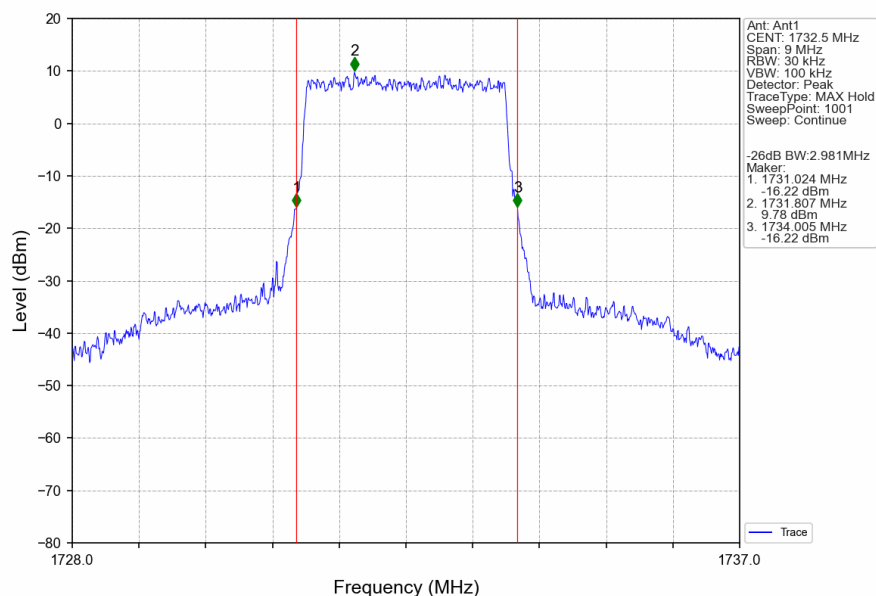
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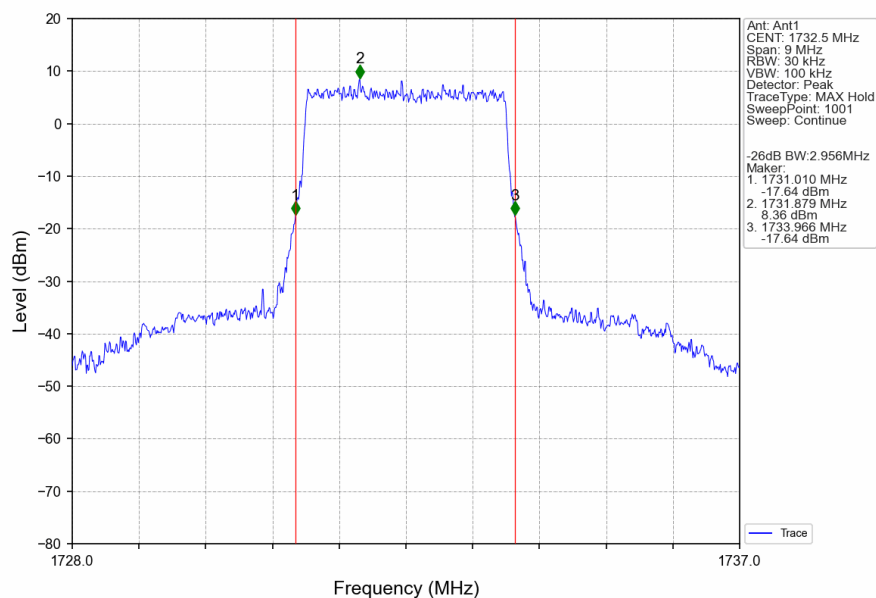
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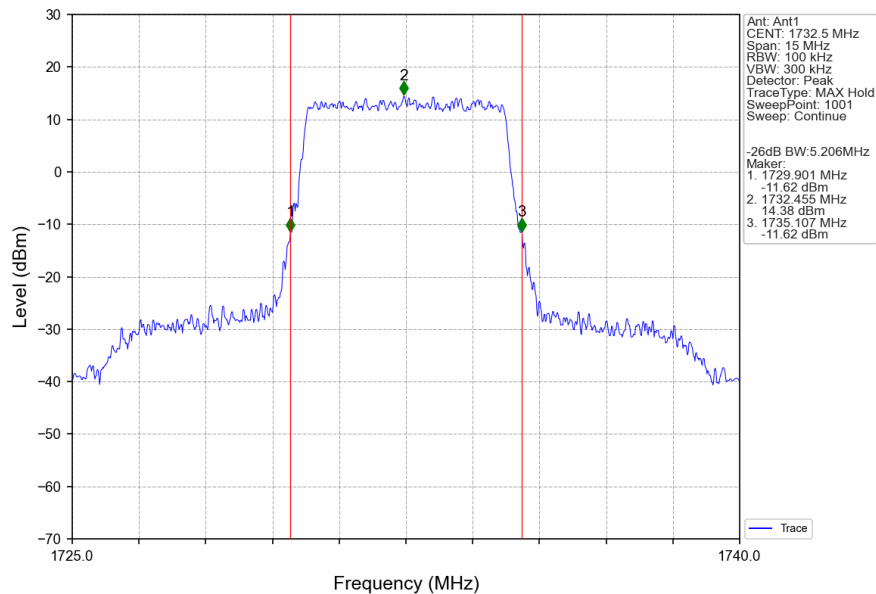
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Band4_3MHz_256QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

