

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	24.41	-3.20	19.06	<=34.77	Pass
			13	24.52	-3.20	19.17	<=34.77	Pass
			24	24.38	-3.20	19.03	<=34.77	Pass
		12	0	23.45	-3.20	18.10	<=34.77	Pass
			6	23.46	-3.20	18.11	<=34.77	Pass
			13	23.42	-3.20	18.07	<=34.77	Pass
		25	0	23.47	-3.20	18.12	<=34.77	Pass
	710	1	0	24.40	-3.20	19.05	<=34.77	Pass
			13	24.41	-3.20	19.06	<=34.77	Pass
			24	24.41	-3.20	19.06	<=34.77	Pass
		12	0	23.44	-3.20	18.09	<=34.77	Pass
			6	23.40	-3.20	18.05	<=34.77	Pass
			13	23.38	-3.20	18.03	<=34.77	Pass
		25	0	23.42	-3.20	18.07	<=34.77	Pass
	713.5	1	0	24.44	-3.20	19.09	<=34.77	Pass
			13	24.37	-3.20	19.02	<=34.77	Pass
			24	24.40	-3.20	19.05	<=34.77	Pass
		12	0	23.40	-3.20	18.05	<=34.77	Pass
			6	23.40	-3.20	18.05	<=34.77	Pass
			13	23.40	-3.20	18.05	<=34.77	Pass
		25	0	23.45	-3.20	18.10	<=34.77	Pass
16QAM	706.5	1	0	23.64	-3.20	18.29	<=34.77	Pass
			13	23.82	-3.20	18.47	<=34.77	Pass
			24	23.67	-3.20	18.32	<=34.77	Pass
		12	0	22.49	-3.20	17.14	<=34.77	Pass
			6	22.47	-3.20	17.12	<=34.77	Pass
			13	22.40	-3.20	17.05	<=34.77	Pass
		25	0	22.49	-3.20	17.14	<=34.77	Pass
	710	1	0	23.63	-3.20	18.28	<=34.77	Pass
			13	23.68	-3.20	18.33	<=34.77	Pass
			24	23.69	-3.20	18.34	<=34.77	Pass
		12	0	22.43	-3.20	17.08	<=34.77	Pass
			6	22.44	-3.20	17.09	<=34.77	Pass
			13	22.39	-3.20	17.04	<=34.77	Pass
		25	0	22.42	-3.20	17.07	<=34.77	Pass
	713.5	1	0	23.60	-3.20	18.25	<=34.77	Pass
			13	23.68	-3.20	18.33	<=34.77	Pass
			24	23.67	-3.20	18.32	<=34.77	Pass
		12	0	22.42	-3.20	17.07	<=34.77	Pass
			6	22.45	-3.20	17.10	<=34.77	Pass
			13	22.40	-3.20	17.05	<=34.77	Pass
		25	0	22.41	-3.20	17.06	<=34.77	Pass
64QAM	706.5	1	0	22.65	-3.20	17.30	<=34.77	Pass
			13	22.59	-3.20	17.24	<=34.77	Pass
			24	22.55	-3.20	17.20	<=34.77	Pass
		12	0	21.50	-3.20	16.15	<=34.77	Pass
			6	21.48	-3.20	16.13	<=34.77	Pass
			13	24.46	-3.20	19.11	<=34.77	Pass
		25	0	21.47	-3.20	16.12	<=34.77	Pass

	710	1	0	22.56	-3.20	17.21	<=34.77	Pass	
			13	22.62	-3.20	17.27	<=34.77	Pass	
			24	22.57	-3.20	17.22	<=34.77	Pass	
		12	0	21.46	-3.20	16.11	<=34.77	Pass	
			6	21.48	-3.20	16.13	<=34.77	Pass	
			13	21.45	-3.20	16.10	<=34.77	Pass	
		25	0	21.45	-3.20	16.10	<=34.77	Pass	
		713.5	1	0	22.58	-3.20	17.23	<=34.77	Pass
				13	22.64	-3.20	17.29	<=34.77	Pass
	24			22.57	-3.20	17.22	<=34.77	Pass	
	12		0	21.45	-3.20	16.10	<=34.77	Pass	
			6	21.47	-3.20	16.12	<=34.77	Pass	
			13	21.44	-3.20	16.09	<=34.77	Pass	
	25	0	21.41	-3.20	16.06	<=34.77	Pass		
256QAM	706.5	1	0	19.40	-3.20	14.05	<=34.77	Pass	
			13	19.56	-3.20	14.21	<=34.77	Pass	
			24	19.55	-3.20	14.20	<=34.77	Pass	
		12	0	19.39	-3.20	14.04	<=34.77	Pass	
			6	19.44	-3.20	14.09	<=34.77	Pass	
			13	19.42	-3.20	14.07	<=34.77	Pass	
		25	0	19.42	-3.20	14.07	<=34.77	Pass	
	710	1	0	19.46	-3.20	14.11	<=34.77	Pass	
			13	19.48	-3.20	14.13	<=34.77	Pass	
			24	19.45	-3.20	14.10	<=34.77	Pass	
		12	0	19.36	-3.20	14.01	<=34.77	Pass	
			6	19.41	-3.20	14.06	<=34.77	Pass	
			13	19.39	-3.20	14.04	<=34.77	Pass	
		25	0	19.43	-3.20	14.08	<=34.77	Pass	
	713.5	1	0	19.53	-3.20	14.18	<=34.77	Pass	
			13	19.48	-3.20	14.13	<=34.77	Pass	
			24	19.49	-3.20	14.14	<=34.77	Pass	
		12	0	19.39	-3.20	14.04	<=34.77	Pass	
			6	19.36	-3.20	14.01	<=34.77	Pass	
			13	19.38	-3.20	14.03	<=34.77	Pass	
		25	0	19.36	-3.20	14.01	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B17_10MHz_ERP

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	24.51	-3.20	19.16	<=34.77	Pass
			25	24.39	-3.20	19.04	<=34.77	Pass
			49	24.41	-3.20	19.06	<=34.77	Pass
		25	0	23.45	-3.20	18.10	<=34.77	Pass
			13	23.44	-3.20	18.09	<=34.77	Pass
			25	23.39	-3.20	18.04	<=34.77	Pass
		50	0	23.39	-3.20	18.04	<=34.77	Pass
	710	1	0	24.50	-3.20	19.15	<=34.77	Pass
			25	24.39	-3.20	19.04	<=34.77	Pass
			49	24.44	-3.20	19.09	<=34.77	Pass
		25	0	23.43	-3.20	18.08	<=34.77	Pass
			13	23.41	-3.20	18.06	<=34.77	Pass
			25	23.35	-3.20	18.00	<=34.77	Pass
		50	0	23.42	-3.20	18.07	<=34.77	Pass
	711	1	0	24.59	-3.20	19.24	<=34.77	Pass

		25	25	24.36	-3.20	19.01	<=34.77	Pass
			49	24.39	-3.20	19.04	<=34.77	Pass
			0	23.43	-3.20	18.08	<=34.77	Pass
			13	23.40	-3.20	18.05	<=34.77	Pass
			25	23.36	-3.20	18.01	<=34.77	Pass
		50	0	23.39	-3.20	18.04	<=34.77	Pass
16QAM	709	1	0	23.85	-3.20	18.50	<=34.77	Pass
			25	23.72	-3.20	18.37	<=34.77	Pass
			49	23.60	-3.20	18.25	<=34.77	Pass
		25	0	22.43	-3.20	17.08	<=34.77	Pass
			13	22.41	-3.20	17.06	<=34.77	Pass
			25	22.36	-3.20	17.01	<=34.77	Pass
		50	0	22.38	-3.20	17.03	<=34.77	Pass
	710	1	0	23.76	-3.20	18.41	<=34.77	Pass
			25	23.62	-3.20	18.27	<=34.77	Pass
			49	23.64	-3.20	18.29	<=34.77	Pass
		25	0	22.43	-3.20	17.08	<=34.77	Pass
			13	22.38	-3.20	17.03	<=34.77	Pass
			25	22.35	-3.20	17.00	<=34.77	Pass
		50	0	22.40	-3.20	17.05	<=34.77	Pass
	711	1	0	23.80	-3.20	18.45	<=34.77	Pass
			25	23.60	-3.20	18.25	<=34.77	Pass
			49	23.79	-3.20	18.44	<=34.77	Pass
		25	0	22.42	-3.20	17.07	<=34.77	Pass
			13	22.38	-3.20	17.03	<=34.77	Pass
			25	22.35	-3.20	17.00	<=34.77	Pass
		50	0	22.37	-3.20	17.02	<=34.77	Pass
64QAM	709	1	0	22.64	-3.20	17.29	<=34.77	Pass
			25	22.58	-3.20	17.23	<=34.77	Pass
			49	22.53	-3.20	17.18	<=34.77	Pass
		25	0	21.44	-3.20	16.09	<=34.77	Pass
			13	21.43	-3.20	16.08	<=34.77	Pass
			25	21.35	-3.20	16.00	<=34.77	Pass
		50	0	21.40	-3.20	16.05	<=34.77	Pass
	710	1	0	22.72	-3.20	17.37	<=34.77	Pass
			25	22.55	-3.20	17.20	<=34.77	Pass
			49	22.66	-3.20	17.31	<=34.77	Pass
		25	0	21.40	-3.20	16.05	<=34.77	Pass
			13	21.41	-3.20	16.06	<=34.77	Pass
			25	21.33	-3.20	15.98	<=34.77	Pass
		50	0	21.40	-3.20	16.05	<=34.77	Pass
	711	1	0	22.72	-3.20	17.37	<=34.77	Pass
			25	22.52	-3.20	17.17	<=34.77	Pass
			49	22.59	-3.20	17.24	<=34.77	Pass
		25	0	21.42	-3.20	16.07	<=34.77	Pass
			13	21.39	-3.20	16.04	<=34.77	Pass
			25	21.35	-3.20	16.00	<=34.77	Pass
		50	0	21.39	-3.20	16.04	<=34.77	Pass
256QAM	709	1	0	19.65	-3.20	14.30	<=34.77	Pass
			25	19.52	-3.20	14.17	<=34.77	Pass
			49	19.50	-3.20	14.15	<=34.77	Pass
		25	0	19.40	-3.20	14.05	<=34.77	Pass
			13	19.38	-3.20	14.03	<=34.77	Pass
			25	19.34	-3.20	13.99	<=34.77	Pass
		50	0	19.39	-3.20	14.04	<=34.77	Pass
	710	1	0	19.64	-3.20	14.29	<=34.77	Pass
			25	19.41	-3.20	14.06	<=34.77	Pass
			49	19.50	-3.20	14.15	<=34.77	Pass
		25	0	19.38	-3.20	14.03	<=34.77	Pass
			0	19.38	-3.20	14.03	<=34.77	Pass

			13	19.36	-3.20	14.01	<=34.77	Pass
			25	19.31	-3.20	13.96	<=34.77	Pass
		50	0	19.41	-3.20	14.06	<=34.77	Pass
	711	1	0	19.54	-3.20	14.19	<=34.77	Pass
			25	19.48	-3.20	14.13	<=34.77	Pass
			49	19.51	-3.20	14.16	<=34.77	Pass
		25	0	19.42	-3.20	14.07	<=34.77	Pass
			13	19.32	-3.20	13.97	<=34.77	Pass
			25	19.34	-3.20	13.99	<=34.77	Pass
		50	0	19.33	-3.20	13.98	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B17_10MHz

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	710	50	0	20	3.27	-2.900	-0.0041	-2.5 to 2.5	Pass
					3.85	-7.400	-0.0104	-2.5 to 2.5	Pass
					4.43	-3.600	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-7.900	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-3.000	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-4.300	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-1.800	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.000	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.900	-0.0027	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band17_OBW

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	710	25	0	4.527	/	Pass
	16QAM	710	25	0	4.527	/	Pass
10	QPSK	710	50	0	9.084	/	Pass
	16QAM	710	50	0	8.999	/	Pass

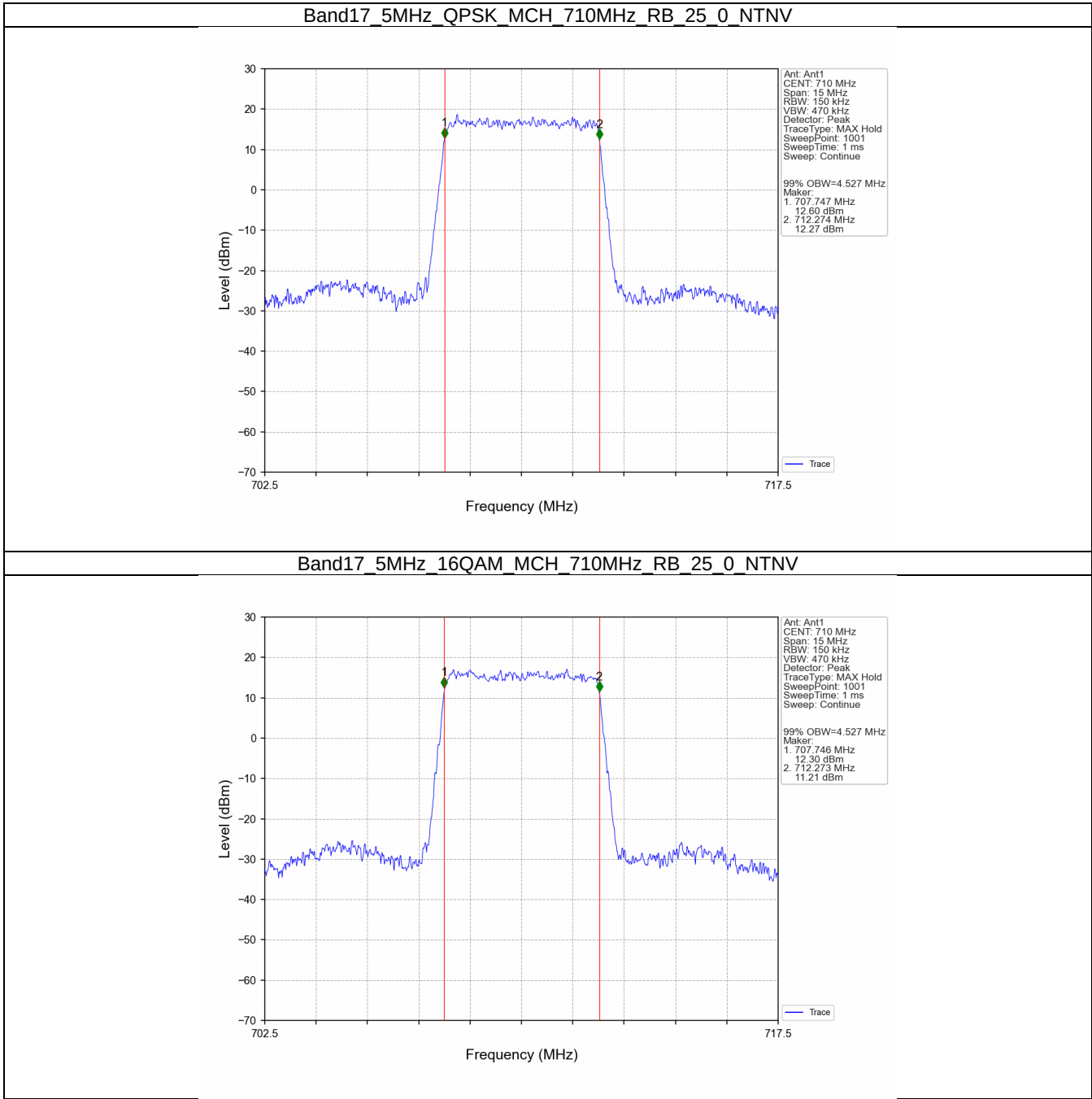
3.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	

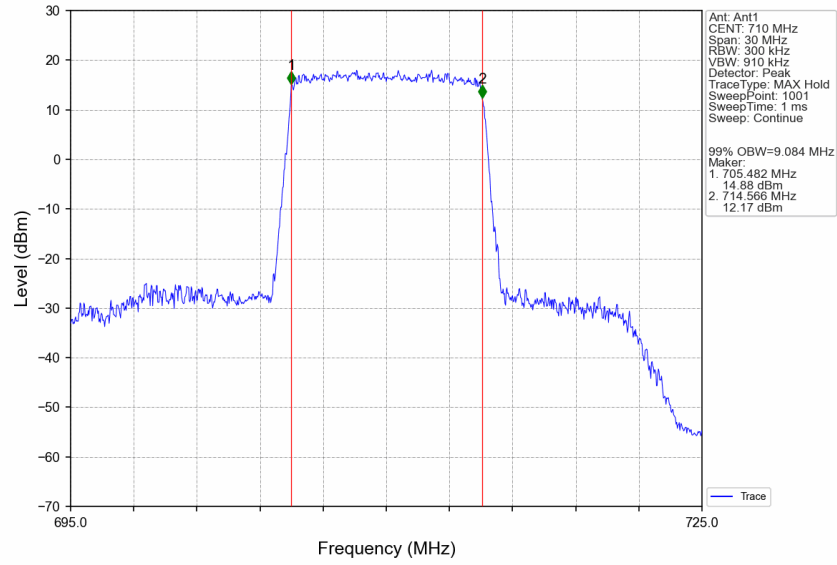
5	QPSK	710	25	0	5.057	/	Pass
	16QAM	710	25	0	5.080	/	Pass
10	QPSK	710	50	0	9.938	/	Pass
	16QAM	710	50	0	9.937	/	Pass

3.2 Test Graph

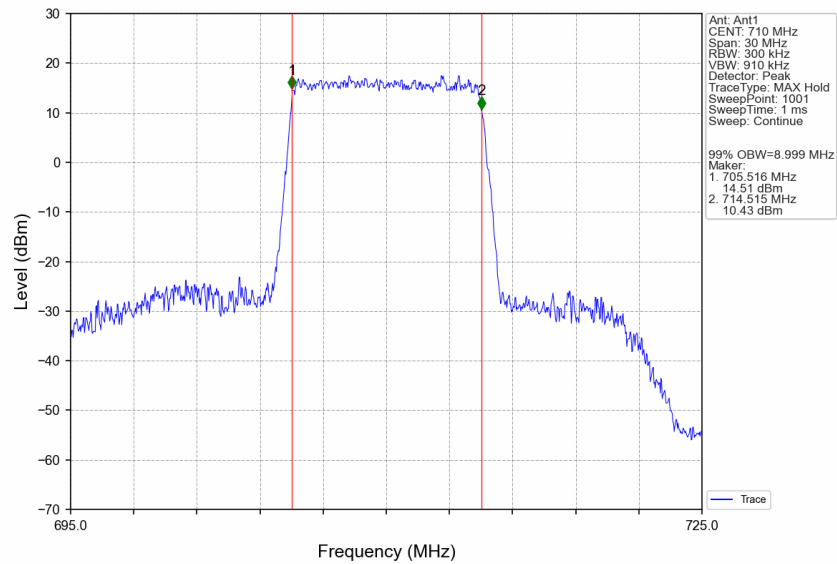
3.2.1 Band17_OBW



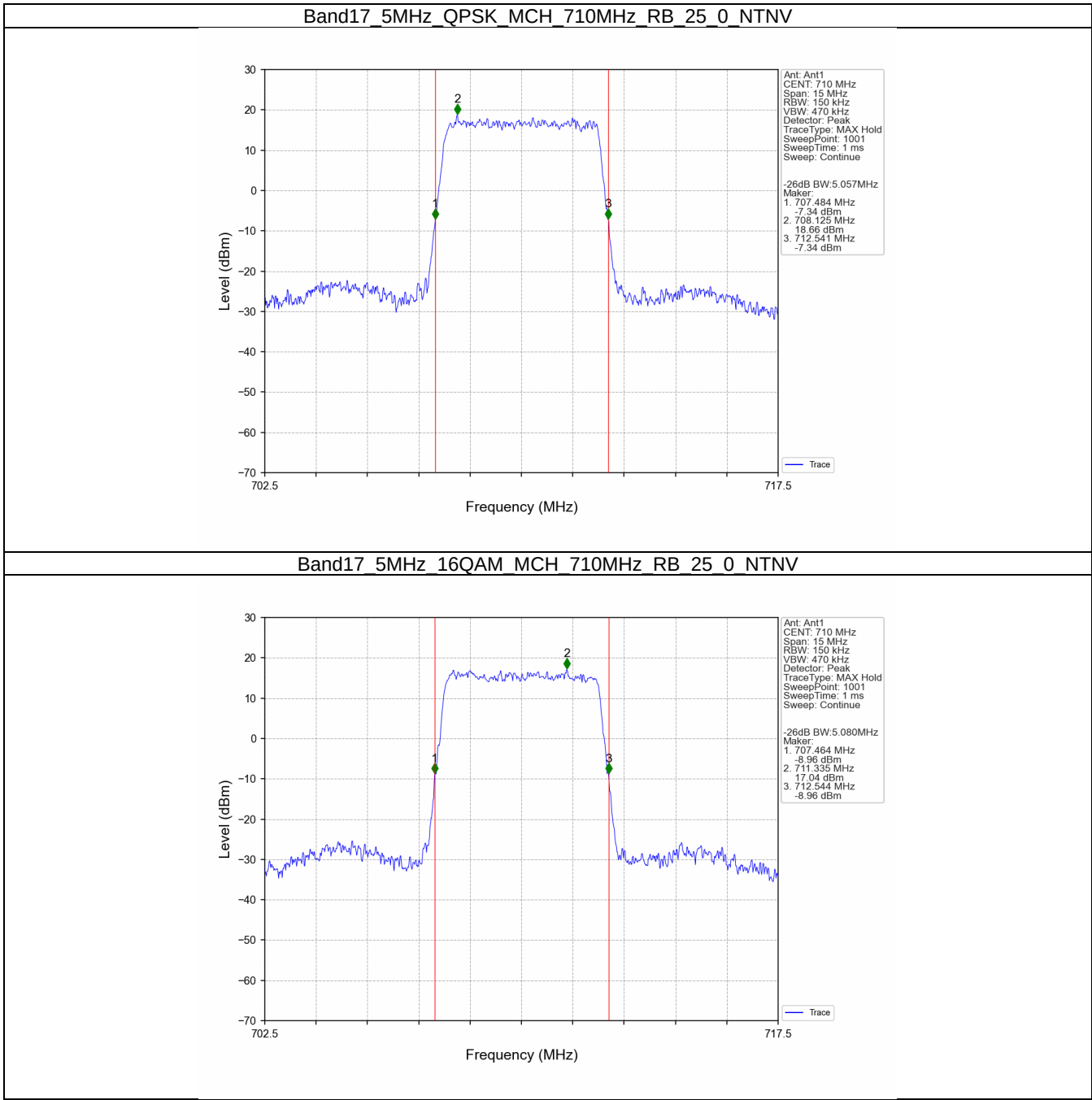
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



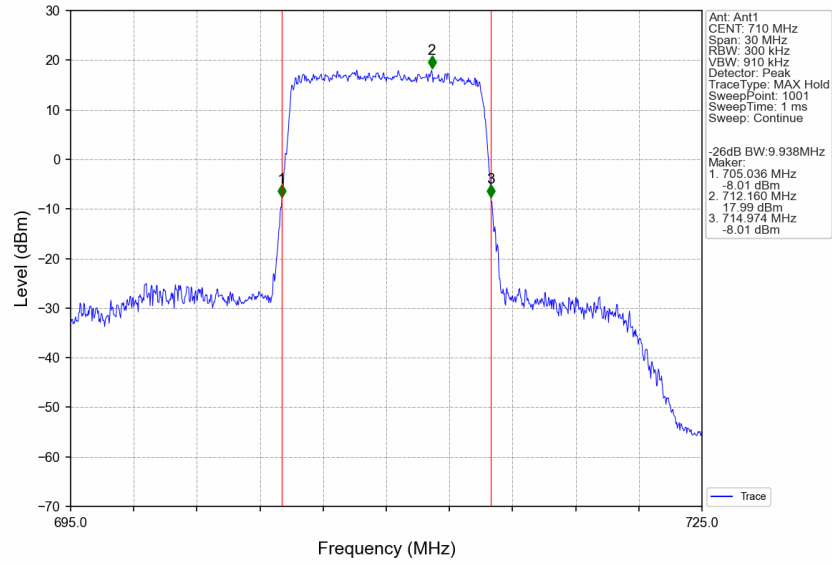
Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



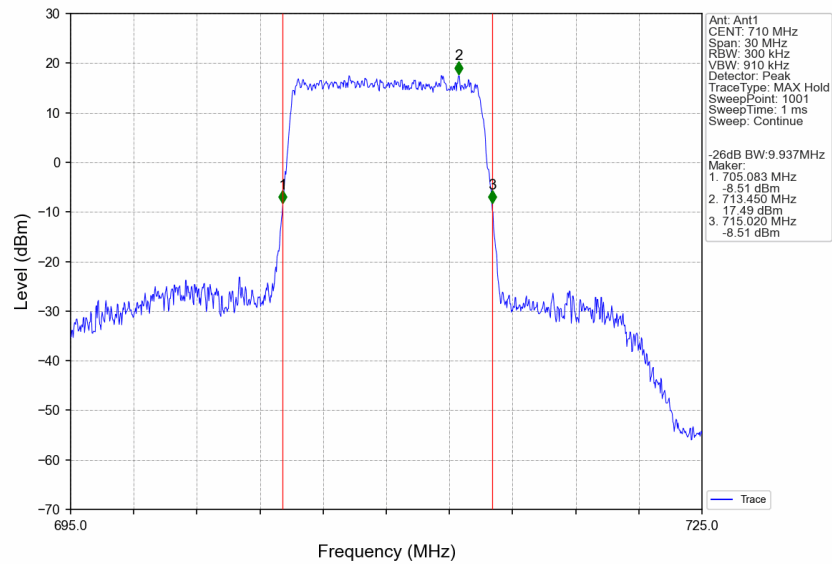
3.2.2 Band17_XDB



Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



4. Peak-Average Ratio

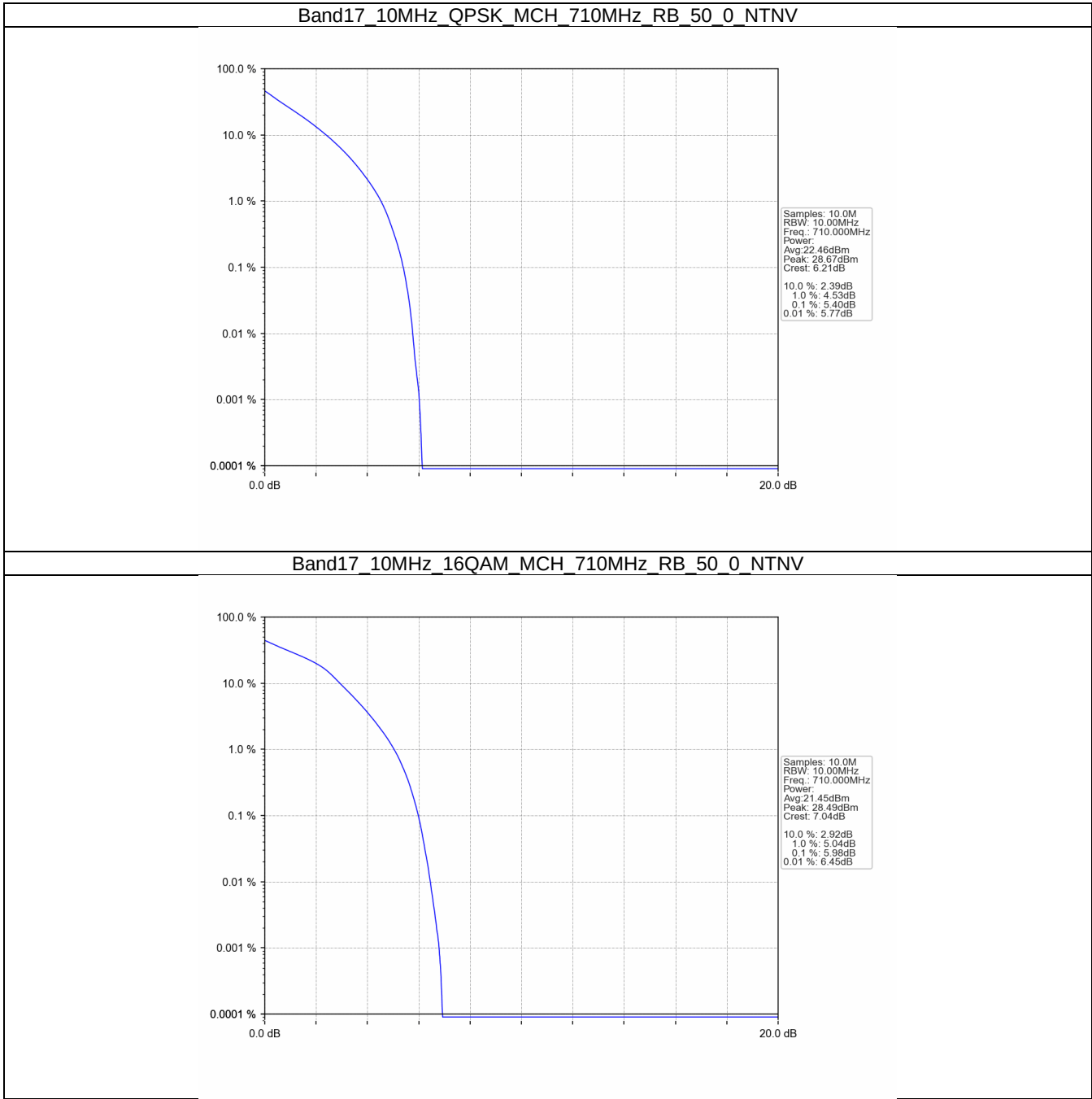
4.1 Test Result

4.1.1 B17_10MHz

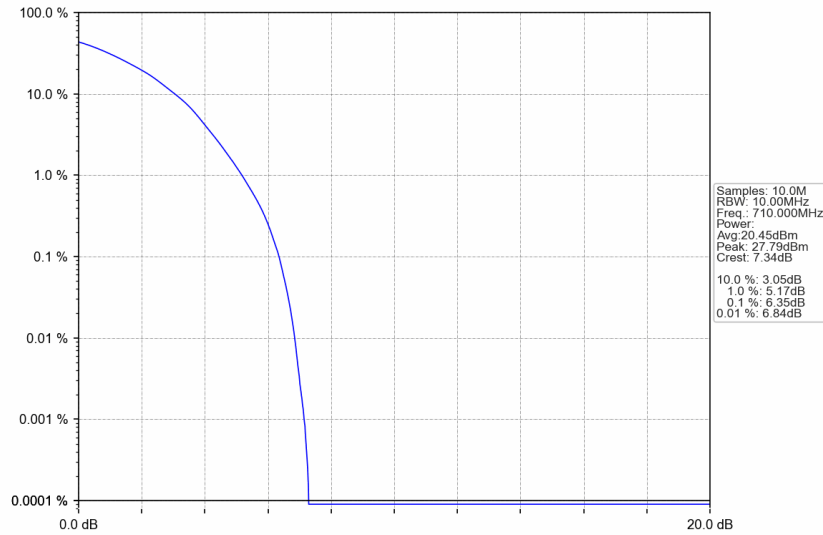
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	5.40	<=13	Pass
16QAM	710	50	0	5.98	<=13	Pass
64QAM	710	50	0	6.35	<=13	Pass
256QAM	710	50	0	10.05	<=13	Pass

4.2 Test Graph

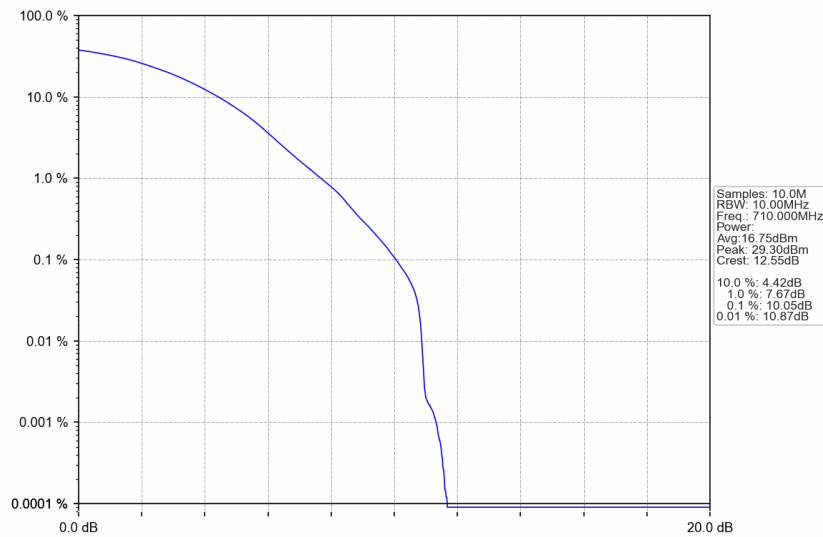
4.2.1 B17_10MHz



Band17_10MHz_64QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_256QAM_MCH_710MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B17_5MHz

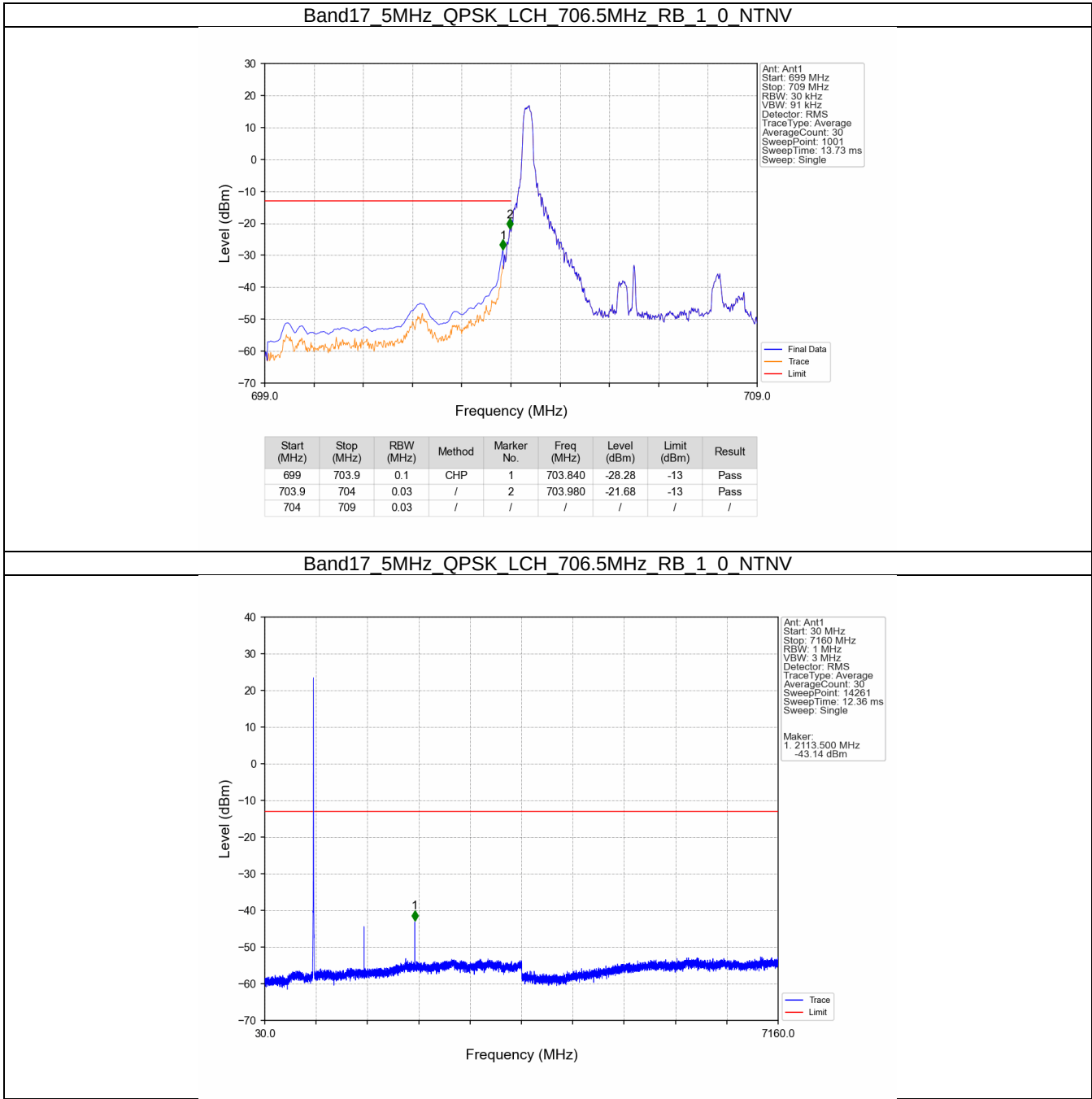
Band: 17 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B17_10MHz

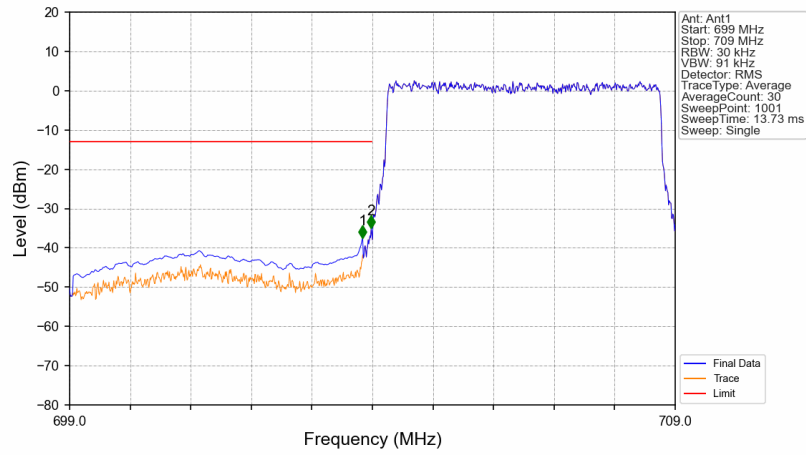
Band: 17 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B17_5MHz

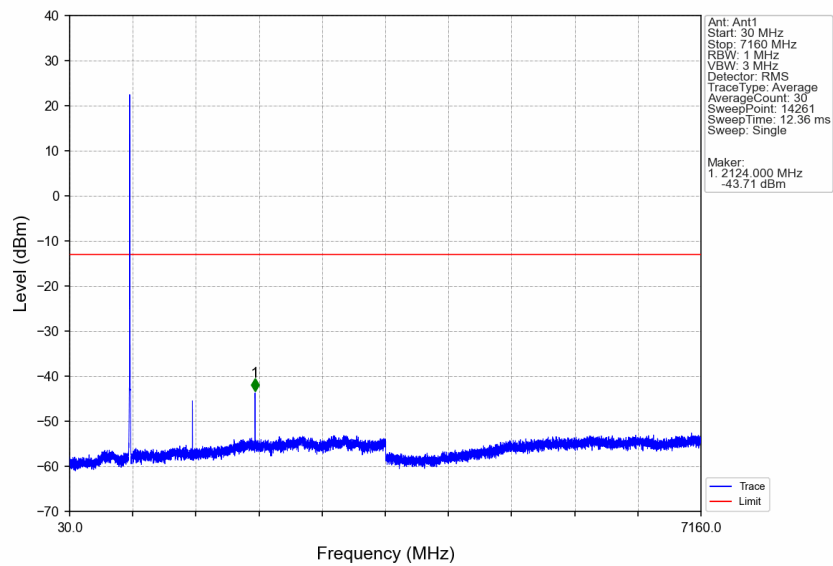


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

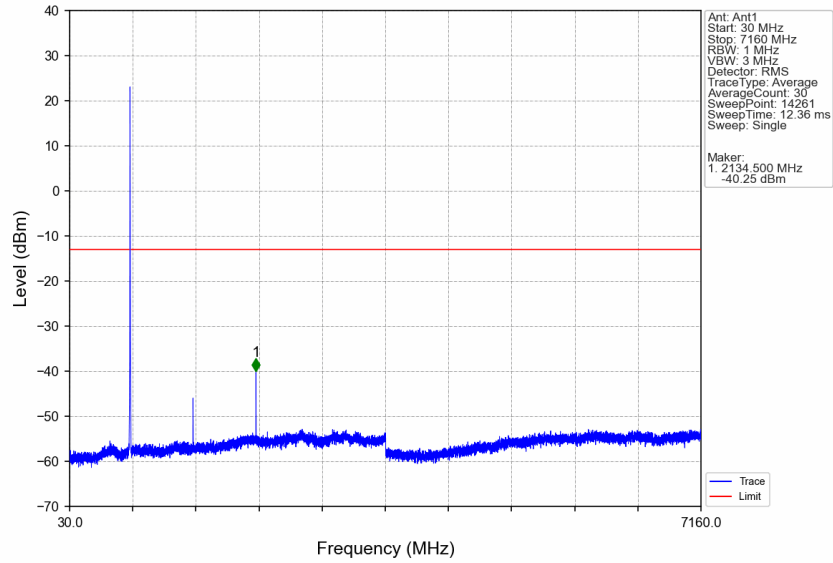


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-37.42	-13	Pass
703.9	704	0.03	/	2	703.980	-34.95	-13	Pass
704	709	0.03	/	/	/	/	/	/

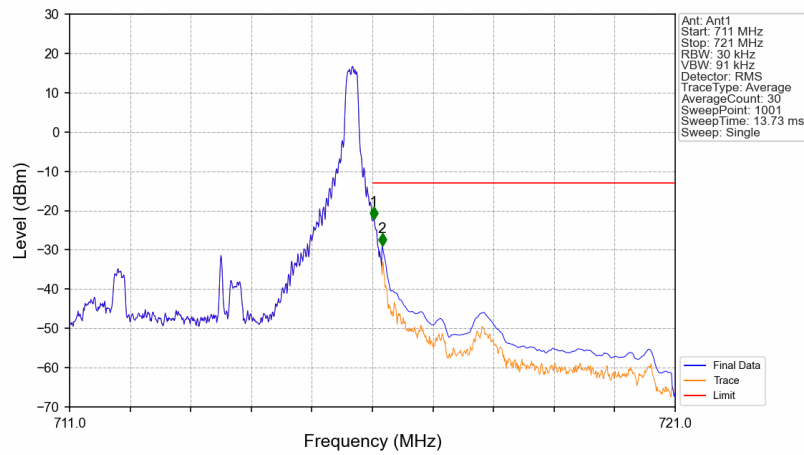
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

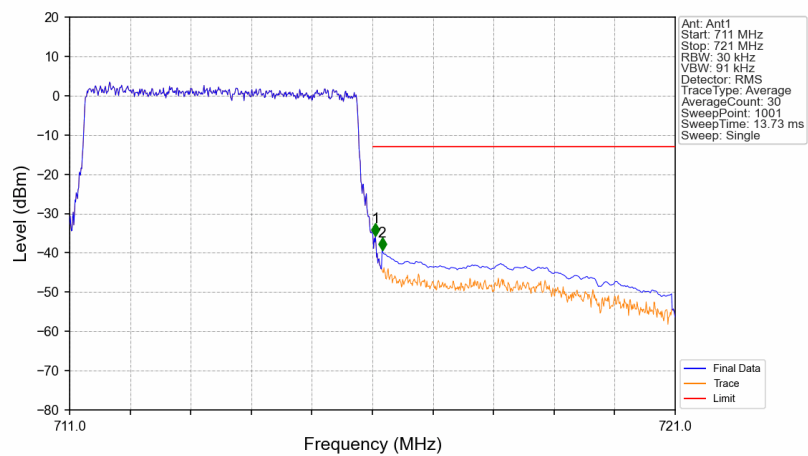


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



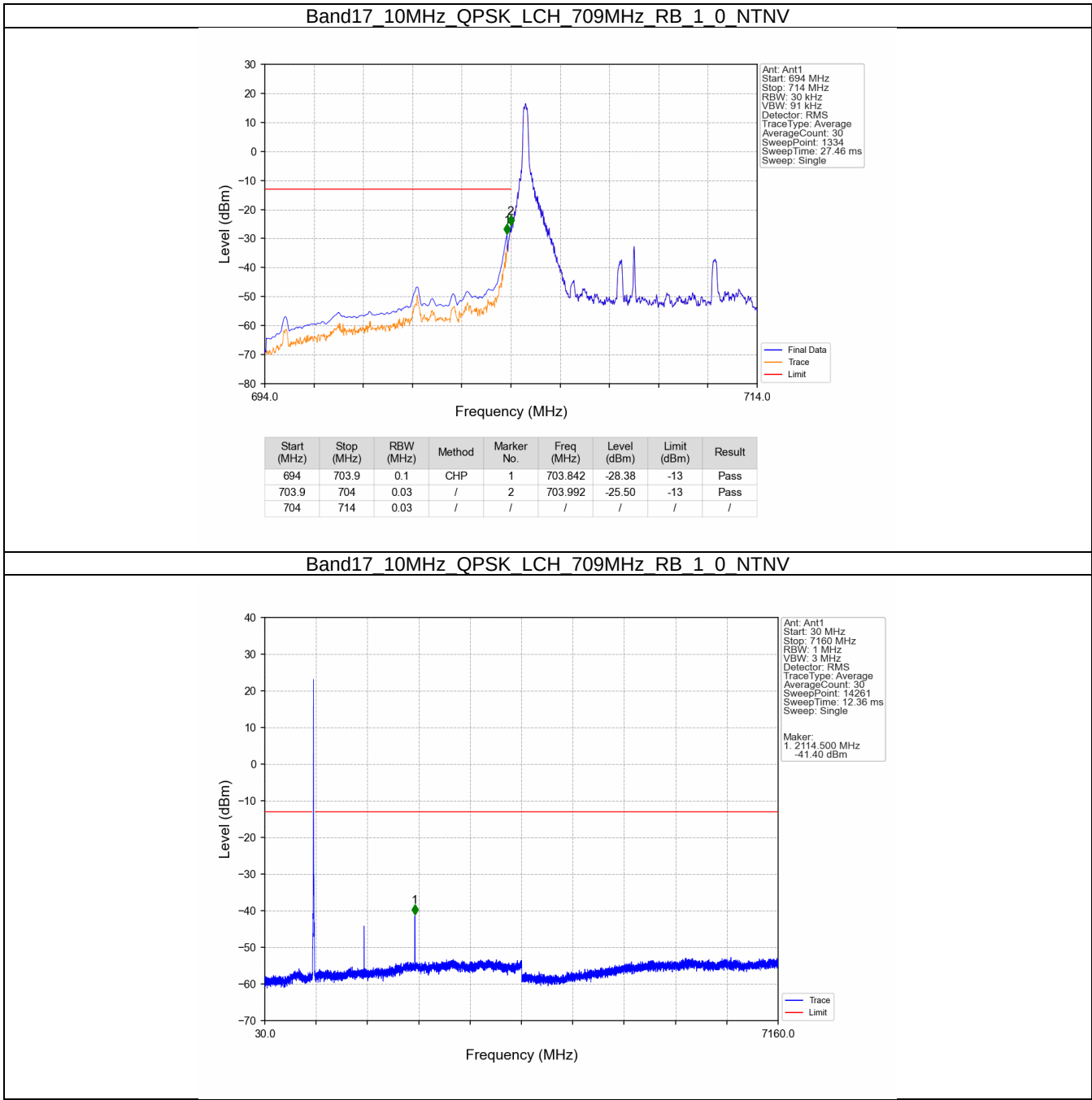
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-22.23	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.93	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

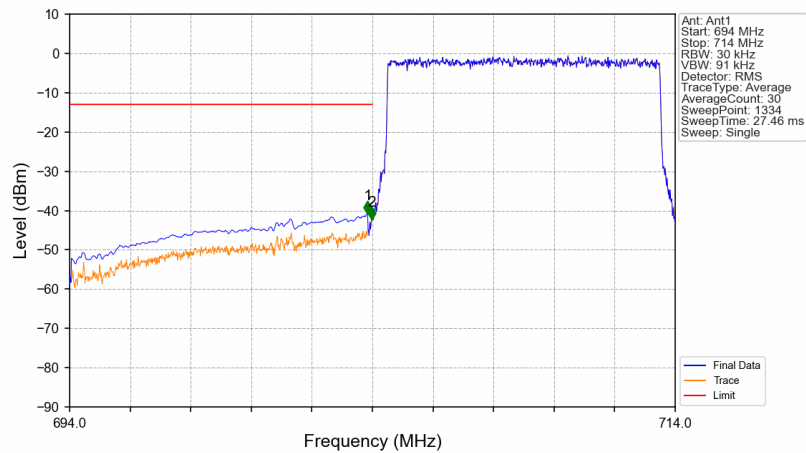


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.050	-35.75	-13	Pass
716.1	721	0.1	CHP	2	716.160	-39.36	-13	Pass

5.2.2 B17_10MHz

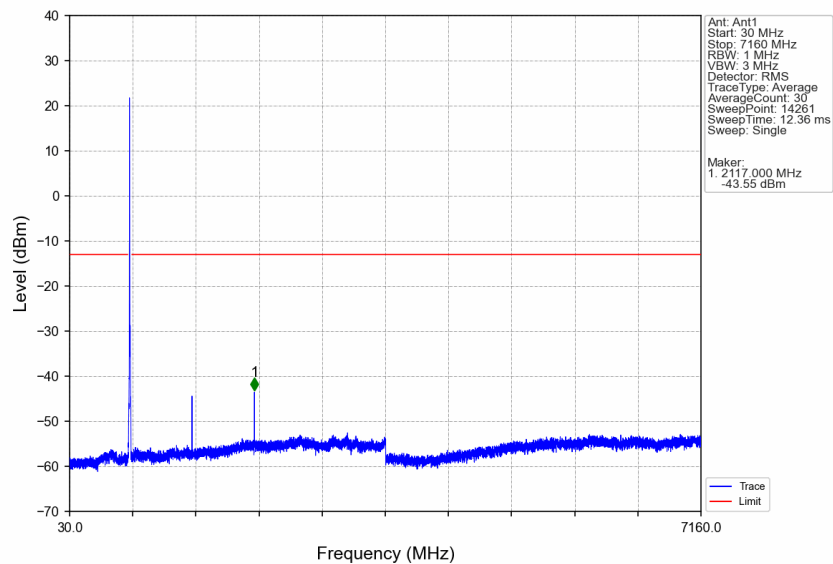


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

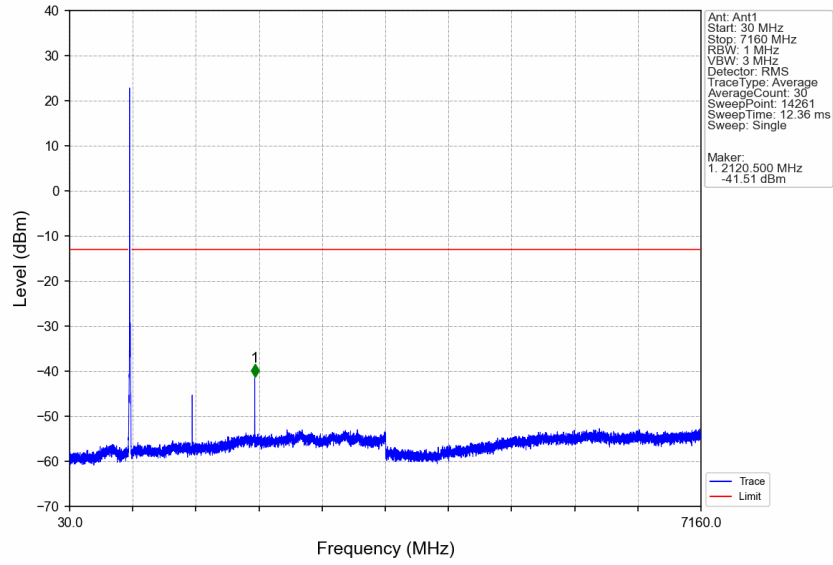


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-40.67	-13	Pass
703.9	704	0.03	/	2	703.977	-42.23	-13	Pass
704	714	0.03	/	/	/	/	/	/

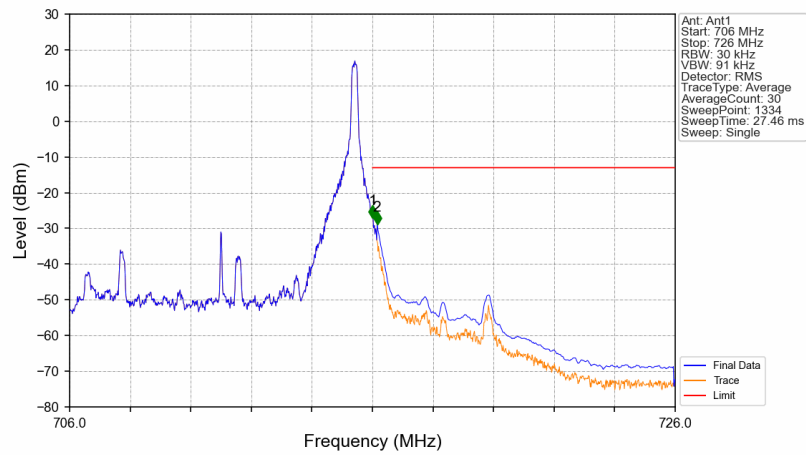
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

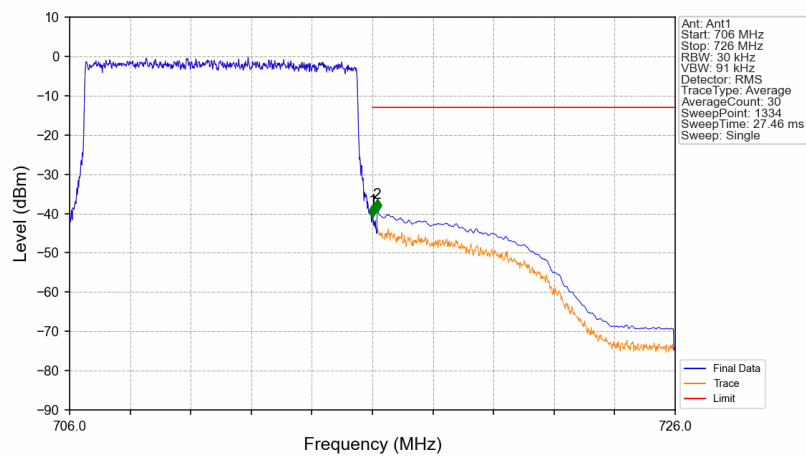


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-26.95	-13	Pass
716.1	726	0.1	CHP	2	716.158	-28.82	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-40.98	-13	Pass
716.1	726	0.1	CHP	2	716.158	-39.50	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band17_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1409.1429	50.13	-48.03	25.21	-67.95	-13.00	54.95	Horizontal
2	2113.7143	47.52	-47.71	26.43	-69.02	-13.00	56.02	Horizontal
3	2402.2857	49.88	-47.45	27.00	-65.82	-13.00	52.82	Horizontal
4	3482.8571	42.48	-46.54	28.58	-70.74	-13.00	57.74	Horizontal
5	5053.7143	41.91	-45.58	31.50	-67.43	-13.00	54.43	Horizontal
6	6044	42.25	-44.54	32.55	-65.00	-13.00	52.00	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1409.1429	50.06	-48.03	25.21	-68.02	-13.00	55.02	Vertical
2	1888.5714	43.50	-48.04	25.87	-73.93	-13.00	60.93	Vertical
3	2113.7143	45.54	-47.71	26.43	-71.00	-13.00	58.00	Vertical
4	2462.8571	49.11	-47.34	27.13	-66.36	-13.00	53.36	Vertical
5	3129.1429	43.05	-46.62	28.23	-70.60	-13.00	57.60	Vertical
6	4098.8571	42.54	-45.90	29.64	-68.99	-13.00	55.99	Vertical

Test Band = LTE Band17_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411.4286	52.15	-48.04	25.21	-65.94	-13.00	52.94	Horizontal
2	2116.5714	46.88	-47.71	26.43	-69.65	-13.00	56.65	Horizontal
3	2462.8571	46.54	-47.34	27.13	-68.93	-13.00	55.93	Horizontal
4	2966.2857	42.75	-46.54	28.04	-71.01	-13.00	58.01	Horizontal
5	4101.1429	42.24	-45.90	29.64	-69.28	-13.00	56.28	Horizontal
6	4576.5714	42.74	-45.75	30.72	-67.54	-13.00	54.54	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411.4286	50.13	-48.04	25.21	-67.96	-13.00	54.96	Vertical
2	2078.8571	43.53	-47.75	26.36	-73.12	-13.00	60.12	Vertical
3	2463.4286	50.00	-47.34	27.13	-65.47	-13.00	52.47	Vertical
4	3701.7143	42.12	-46.15	28.92	-70.37	-13.00	57.37	Vertical
5	4624.5714	42.96	-45.79	30.80	-67.29	-13.00	54.29	Vertical
6	6040.5714	41.89	-44.54	32.54	-65.37	-13.00	52.37	Vertical

Test Band = LTE Band17_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.1429	52.59	-48.04	25.21	-65.50	-13.00	52.50	Horizontal
2	2120	47.38	-47.70	26.44	-69.14	-13.00	56.14	Horizontal
3	2826.2857	44.60	-46.83	27.79	-69.70	-13.00	56.70	Horizontal
4	3897.7143	42.77	-46.23	29.24	-69.48	-13.00	56.48	Horizontal
5	4582.2857	43.21	-45.76	30.73	-67.07	-13.00	54.07	Horizontal
6	5720.5714	41.93	-44.59	32.34	-65.57	-13.00	52.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.1429	53.06	-48.04	25.21	-65.03	-13.00	52.03	Vertical
2	1941.7143	43.60	-47.99	26.03	-73.62	-13.00	60.62	Vertical
3	2119.4286	44.97	-47.70	26.44	-71.56	-13.00	58.56	Vertical
4	2425.7143	53.58	-47.40	27.05	-62.03	-13.00	49.03	Vertical
5	2826.2857	44.44	-46.83	27.79	-69.86	-13.00	56.86	Vertical
6	4266.8571	42.09	-45.84	30.04	-68.97	-13.00	55.97	Vertical