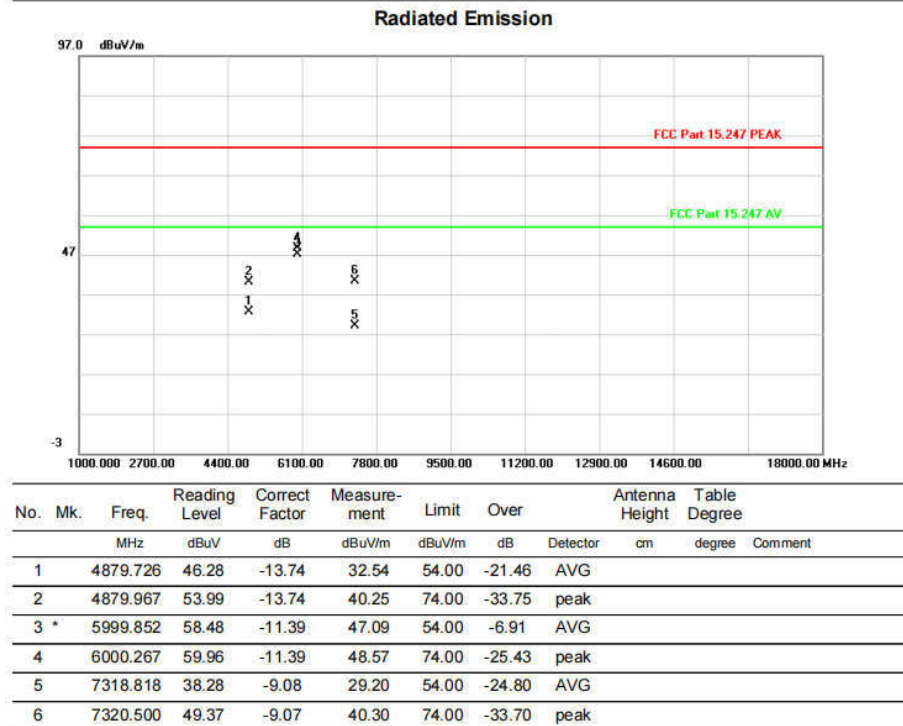
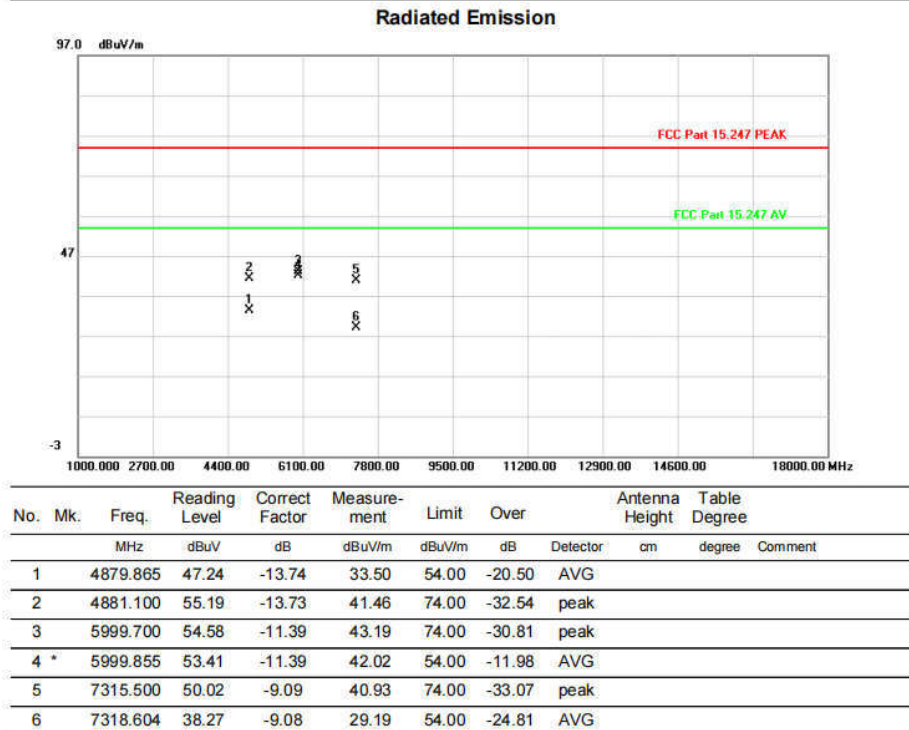


Test Mode	TX 2440 MHz _2Mbps_ANT 1	Polarization	Vertical
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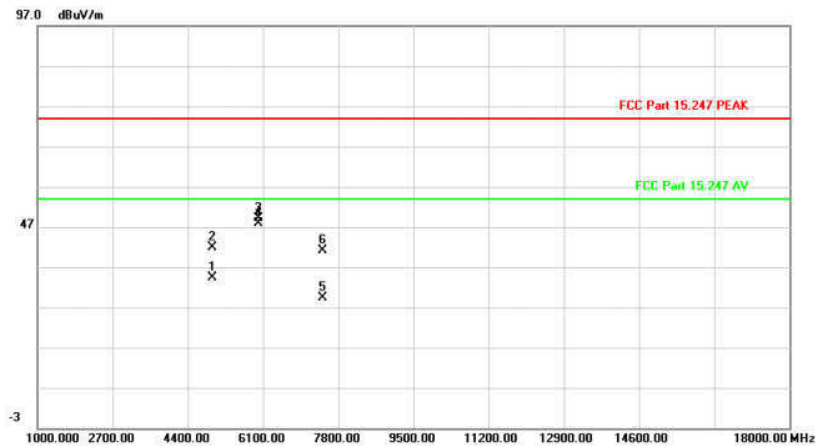


Test Mode	TX 2440 MHz _2Mbps_ANT 1	Polarization	Horizontal
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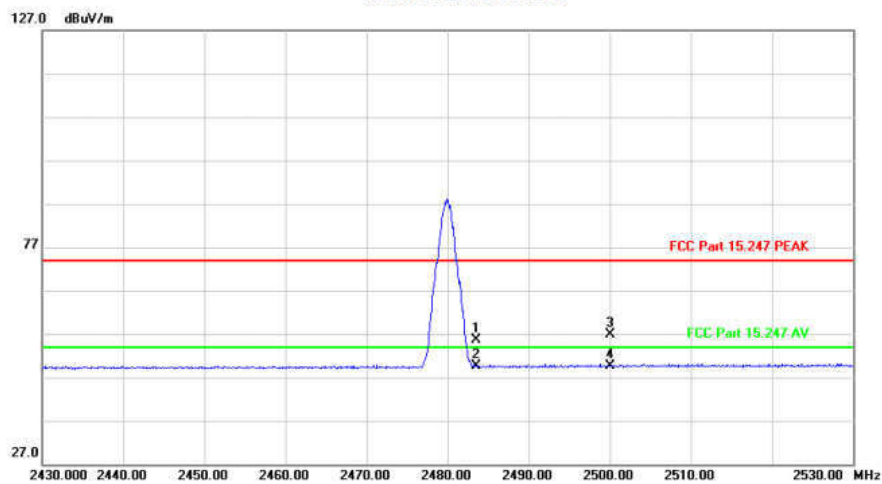
Test Mode	TX 2480 MHz_2Mbps_ANT 1	Polarization	Vertical
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Radiated Emission



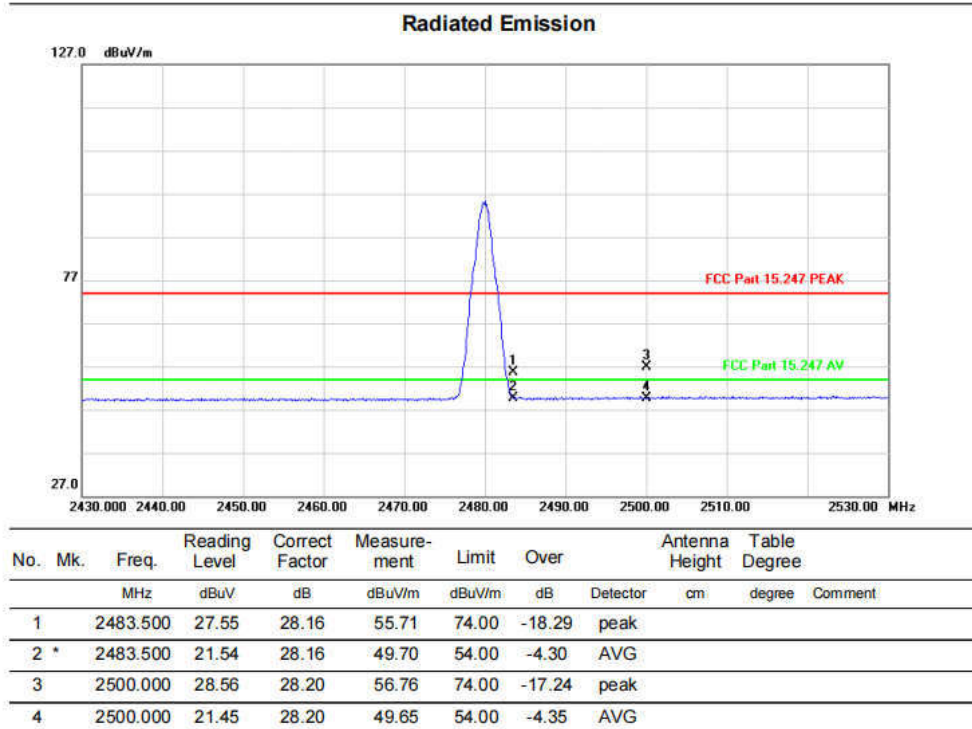
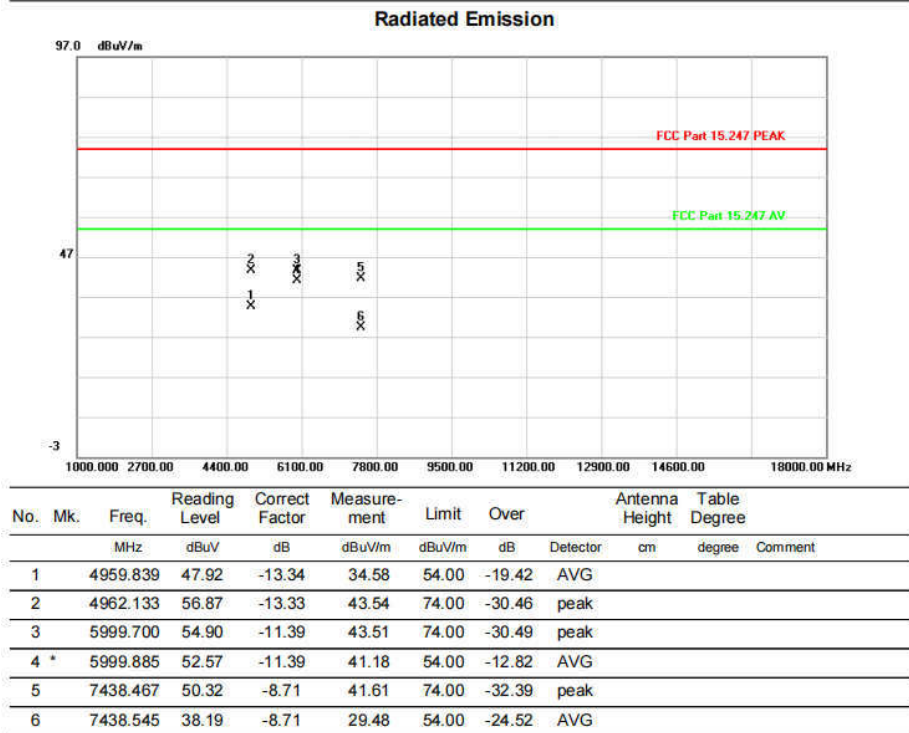
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	dBuV	Factor	ment			Height	Degree
					dBuV/m	dBuV/m		cm	degree
1		4960.008	47.84	-13.34	34.50	54.00	-19.50	AVG	
2		4961.000	55.22	-13.34	41.88	74.00	-32.12	peak	
3		5999.700	60.54	-11.39	49.15	74.00	-24.85	peak	
4 *		5999.879	59.29	-11.39	47.90	54.00	-6.10	AVG	
5		7438.253	38.04	-8.71	29.33	54.00	-24.67	AVG	
6		7441.067	49.72	-8.70	41.02	74.00	-32.98	peak	

Radiated Emission



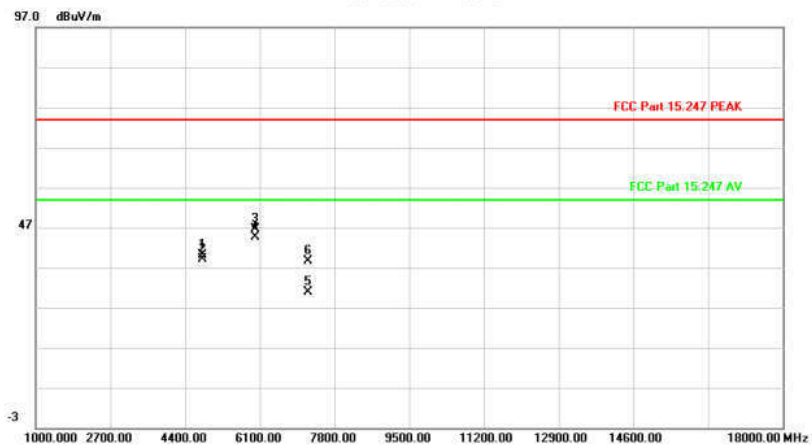
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	dBuV	Factor	ment			Height	Degree
					dBuV/m	dBuV/m		cm	degree
1		2483.500	27.55	28.16	55.71	74.00	-18.29	peak	
2		2483.500	21.38	28.16	49.54	54.00	-4.46	AVG	
3		2500.000	28.56	28.20	56.76	74.00	-17.24	peak	
4 *		2500.000	21.42	28.20	49.62	54.00	-4.38	AVG	

Test Mode	TX 2480 MHz_2Mbps_ANT 1	Polarization	Horizontal
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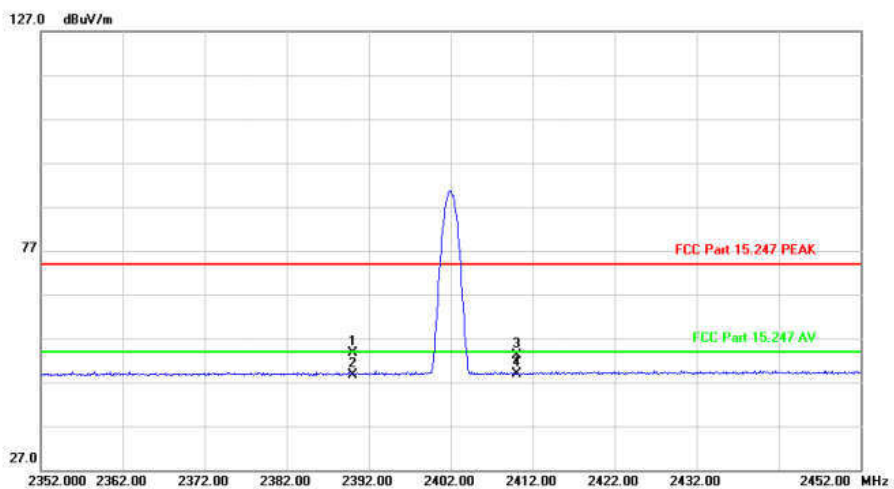
Test Mode	TX 2402 MHz_1Mbps_ANT 2	Polarization	Vertical
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Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4803.417	54.24	-14.12	40.12	74.00	-33.88			peak
2		4803.571	53.15	-14.12	39.03	54.00	-14.97			AVG
3		5999.517	58.14	-11.39	46.75	74.00	-27.25			peak
4 *		5999.715	56.02	-11.39	44.63	54.00	-9.37			AVG
5		7204.158	40.24	-9.43	30.81	54.00	-23.19			AVG
6		7204.518	48.14	-9.43	38.71	74.00	-35.29			peak

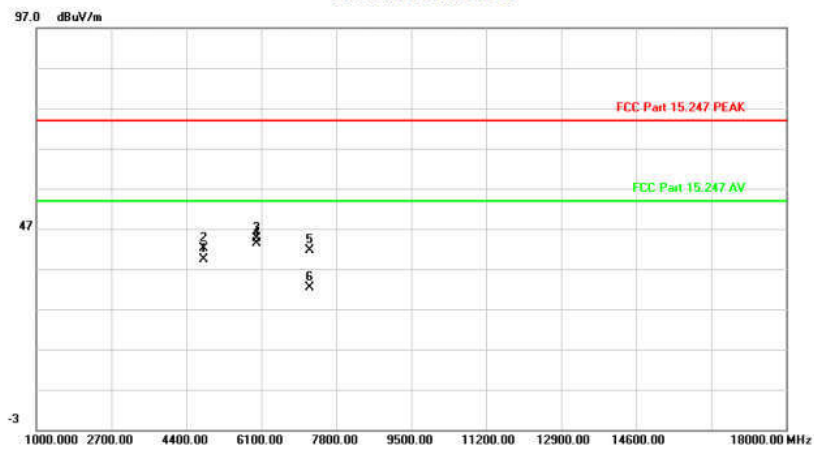
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	25.61	27.91	53.52	74.00	-20.48			peak
2		2390.000	20.77	27.91	48.68	54.00	-5.32			AVG
3		2410.000	25.23	27.97	53.20	74.00	-20.80			peak
4 *		2410.000	20.97	27.97	48.94	54.00	-5.06			AVG

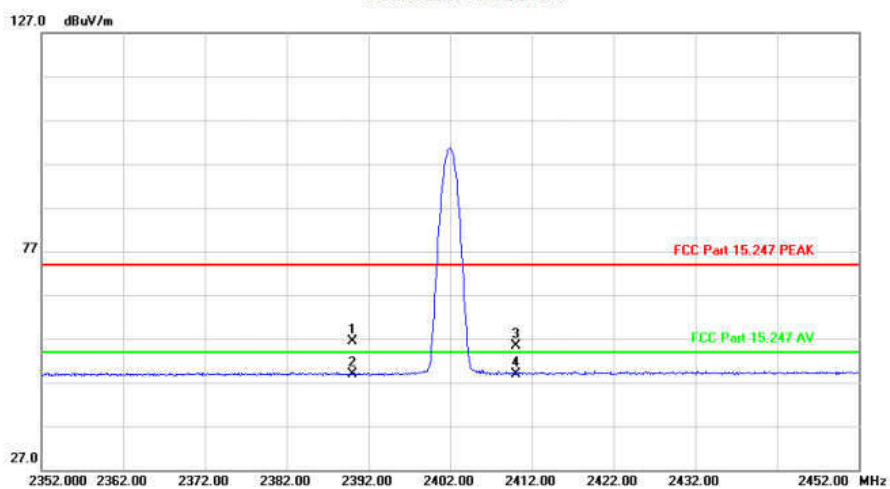
Test Mode	TX 2402 MHz_1Mbps_ANT 2	Polarization	Horizontal
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Radiated Emission



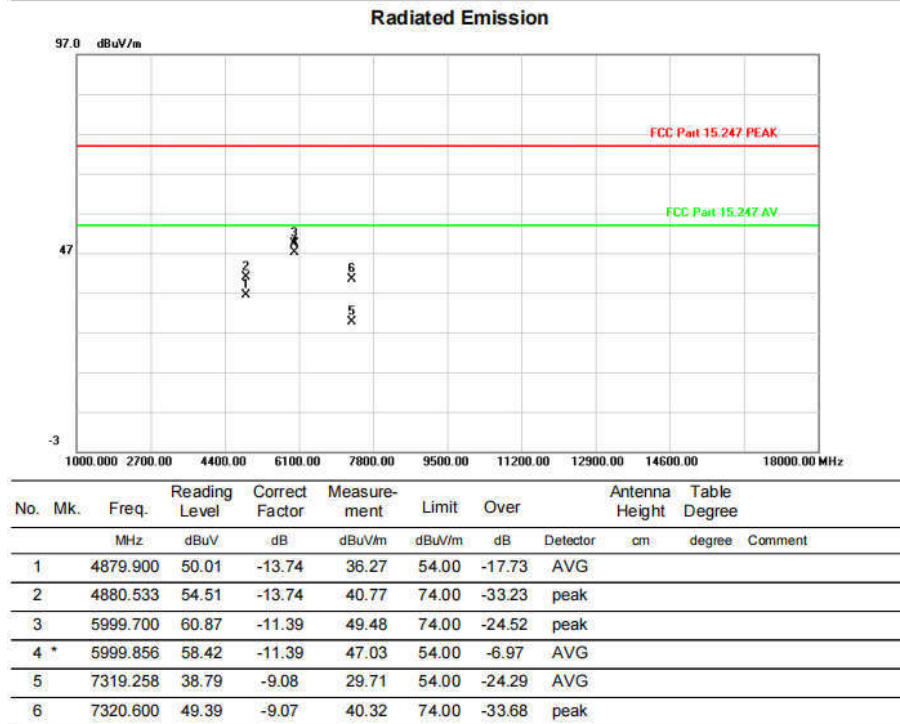
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4803.415	53.54	-14.12	39.42	54.00	-14.58	AVG		
2		4803.584	56.22	-14.12	42.10	74.00	-31.90	peak		
3		5997.518	56.14	-11.39	44.75	74.00	-29.25	peak		
4 *		5997.811	54.71	-11.39	43.32	54.00	-10.68	AVG		
5		7204.518	51.14	-9.43	41.71	74.00	-32.29	peak		
6		7204.925	41.81	-9.43	32.38	54.00	-21.62	AVG		

Radiated Emission

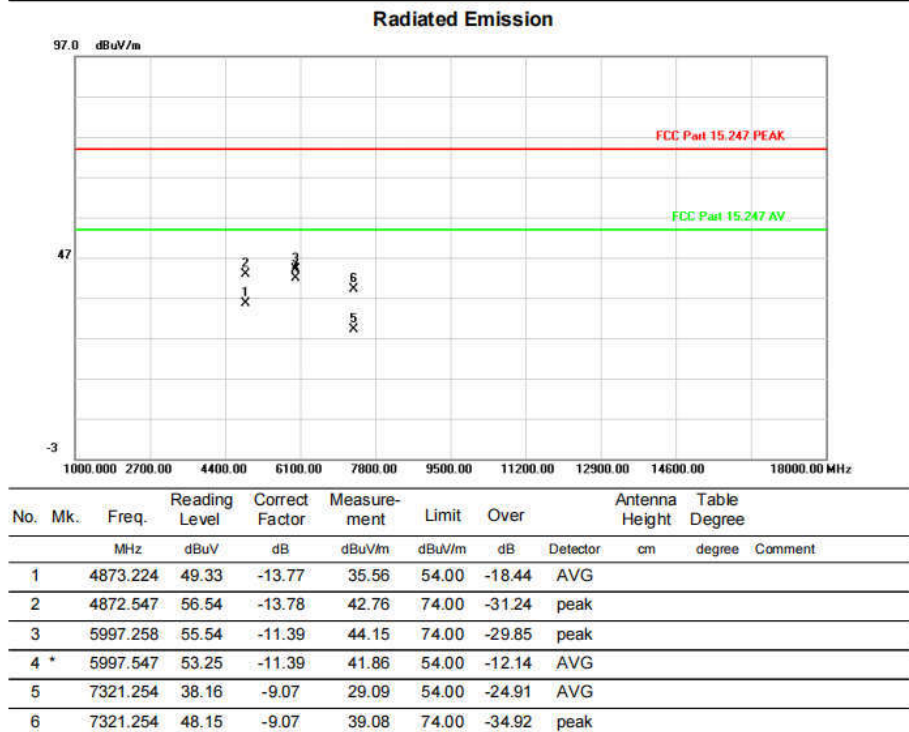


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	28.39	27.91	56.30	74.00	-17.70	peak		
2		2390.000	20.96	27.91	48.87	54.00	-5.13	AVG		
3		2410.000	27.47	27.97	55.44	74.00	-18.56	peak		
4 *		2410.000	20.92	27.97	48.89	54.00	-5.11	AVG		

Test Mode	TX 2440 MHz _1Mbps_ANT 2	Polarization	Vertical
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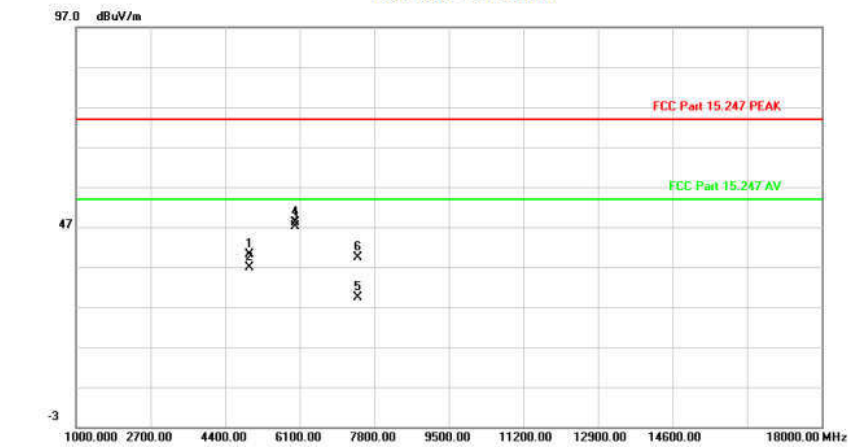


Test Mode	TX 2440 MHz _1Mbps_ANT 2	Polarization	Horizontal
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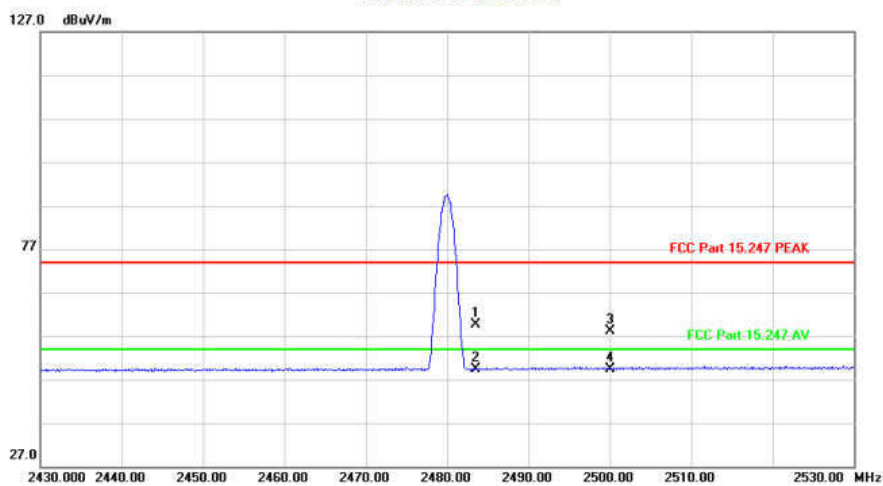
Test Mode	TX 2480 MHz_1Mbps_ANT 2	Polarization	Vertical
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Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4958.254	53.44	-13.35	40.09	74.00	-33.91			peak
2		4958.715	50.14	-13.35	36.79	54.00	-17.21			AVG
3 *		5997.215	58.41	-11.39	47.02	54.00	-6.98			AVG
4		5997.681	59.44	-11.39	48.05	74.00	-25.95			peak
5		7436.254	38.21	-8.72	29.49	54.00	-24.51			AVG
6		7436.254	48.14	-8.72	39.42	74.00	-34.58			peak

Radiated Emission

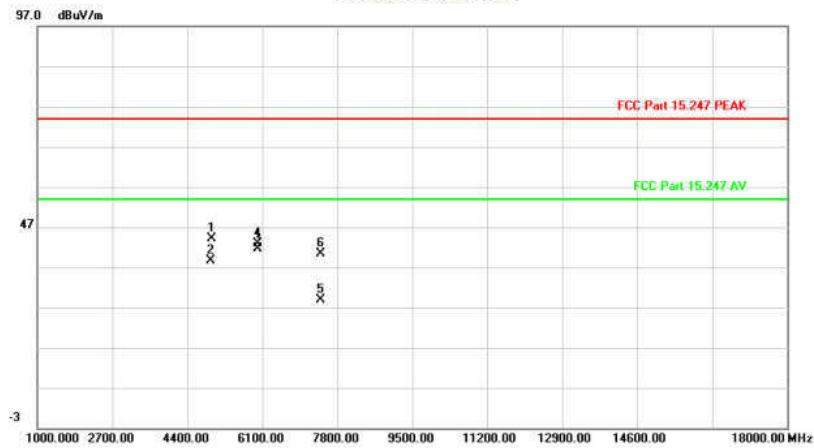


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	30.62	28.16	58.78	74.00	-15.22			peak
2		2483.500	20.82	28.16	48.98	54.00	-5.02			AVG
3		2500.000	31.27	28.20	59.47	74.00	-14.53			peak
4 *		2500.000	20.59	28.20	48.79	54.00	-5.21			AVG



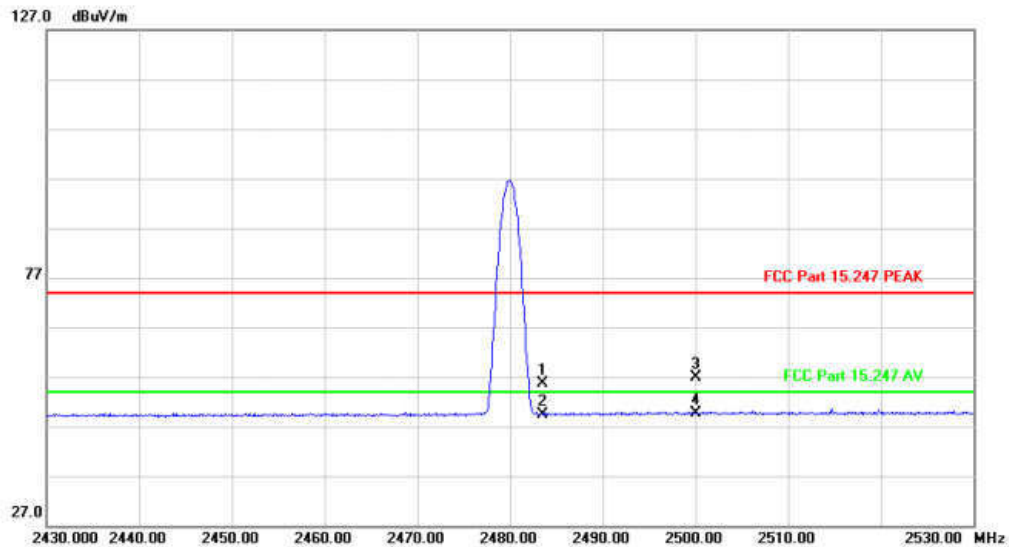
Test Mode	TX 2480 MHz_1Mbps_ANT 2	Polarization	Horizontal
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Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		4958.125	57.54	-13.35	44.19	74.00	-29.81	peak	
2		4927.154	52.14	-13.50	38.64	54.00	-15.36	AVG	
3 *		5994.145	53.14	-11.40	41.74	54.00	-12.26	AVG	
4		5995.154	54.25	-11.40	42.85	74.00	-31.15	peak	
5		7436.155	37.66	-8.72	28.94	54.00	-25.06	AVG	
6		7436.158	49.15	-8.72	40.43	74.00	-33.57	peak	

Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		2483.500	26.57	28.16	54.73	74.00	-19.27	peak	
2		2483.500	20.43	28.16	48.59	54.00	-5.41	AVG	
3		2500.000	29.56	28.20	57.76	74.00	-16.24	peak	
4 *		2500.000	20.68	28.20	48.88	54.00	-5.12	AVG	

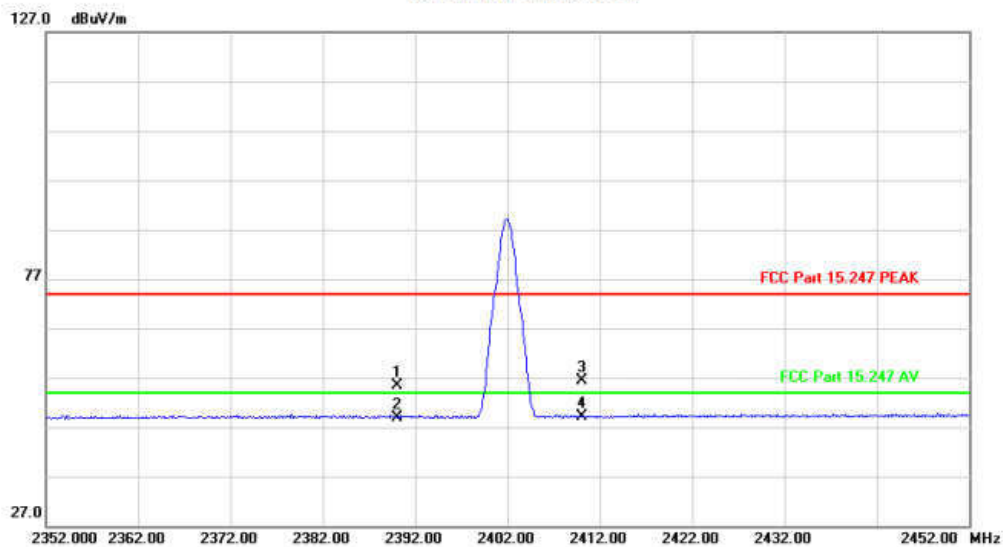
Test Mode	TX 2402 MHz_2Mbps_ANT 2	Polarization	Vertical
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Radiated Emission



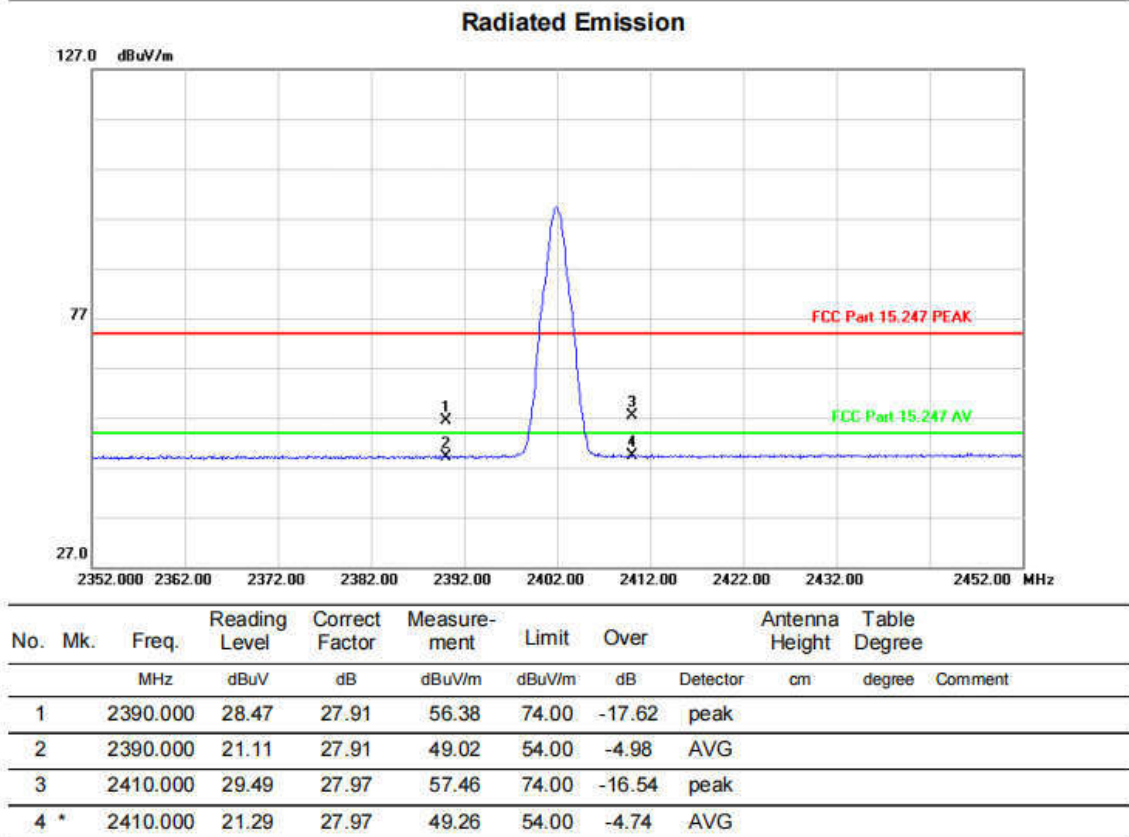
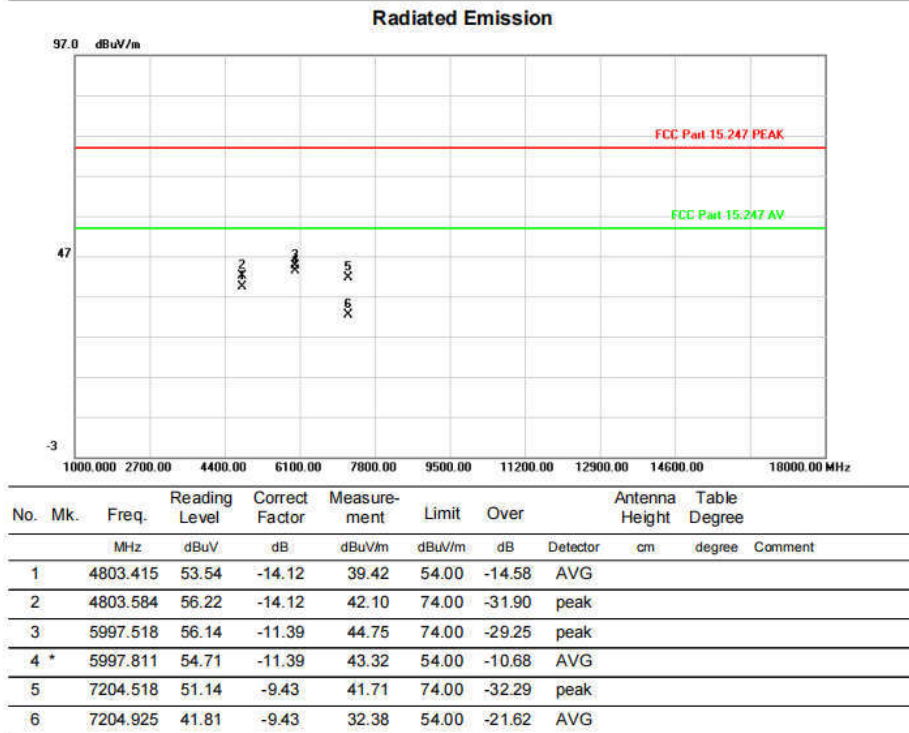
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4803.417	54.24	-14.12	40.12	74.00	-33.88	peak		
2		4803.571	53.15	-14.12	39.03	54.00	-14.97	AVG		
3		5999.517	58.14	-11.39	46.75	74.00	-27.25	peak		
4 *		5999.715	56.02	-11.39	44.63	54.00	-9.37	AVG		
5		7204.158	40.24	-9.43	30.81	54.00	-23.19	AVG		
6		7204.518	48.14	-9.43	38.71	74.00	-35.29	peak		

Radiated Emission

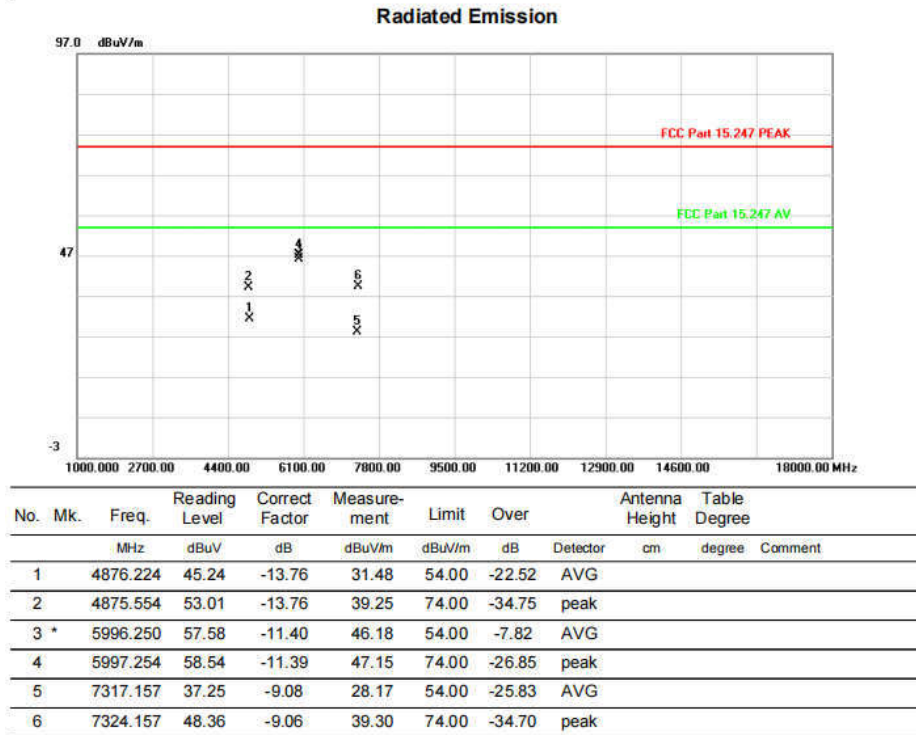


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	27.47	27.91	55.38	74.00	-18.62	peak		
2		2390.000	21.02	27.91	48.93	54.00	-5.07	AVG		
3		2410.000	28.49	27.97	56.46	74.00	-17.54	peak		
4 *		2410.000	21.13	27.97	49.10	54.00	-4.90	AVG		

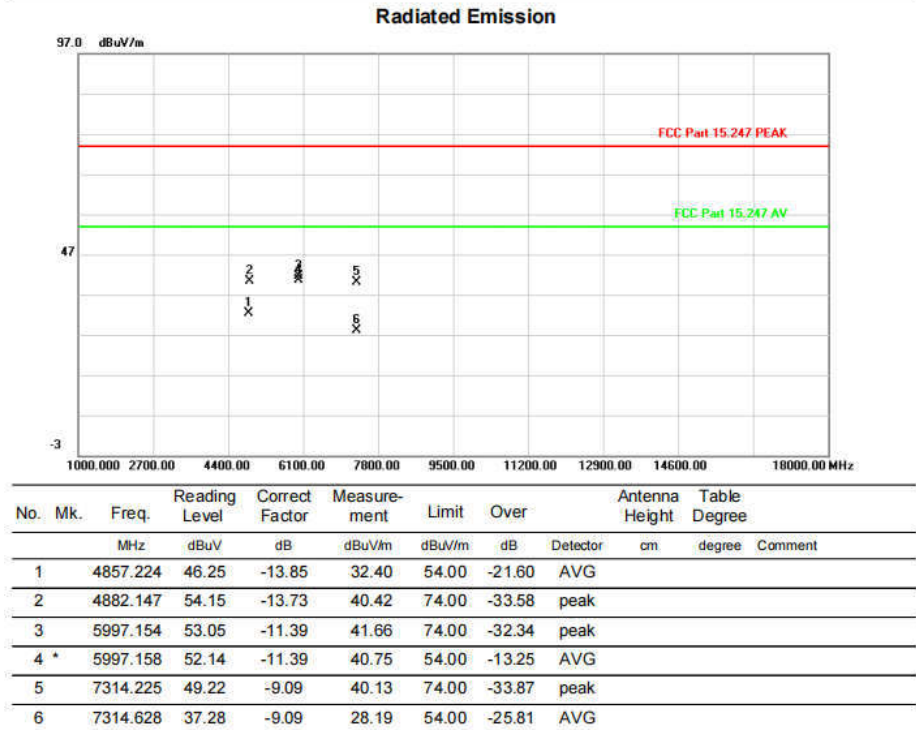
Test Mode	TX 2402 MHz_2Mbps_ANT 2	Polarization	Horizontal
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Test Mode	TX 2440 MHz _2Mbps_ANT 2	Polarization	Vertical
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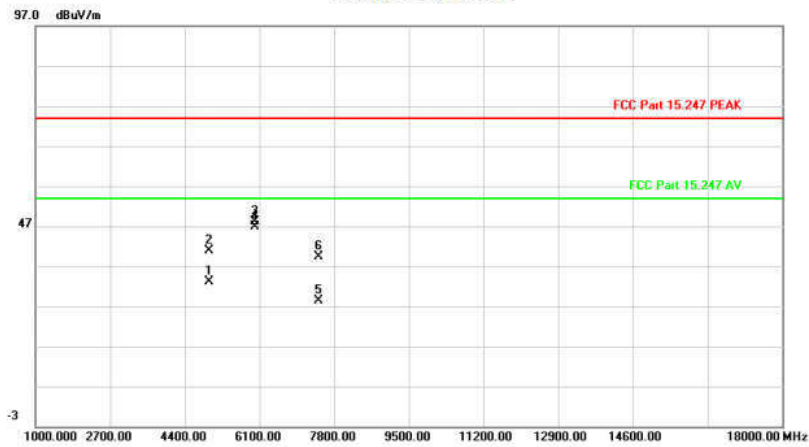


Test Mode	TX 2440 MHz _2Mbps_ANT 2	Polarization	Horizontal
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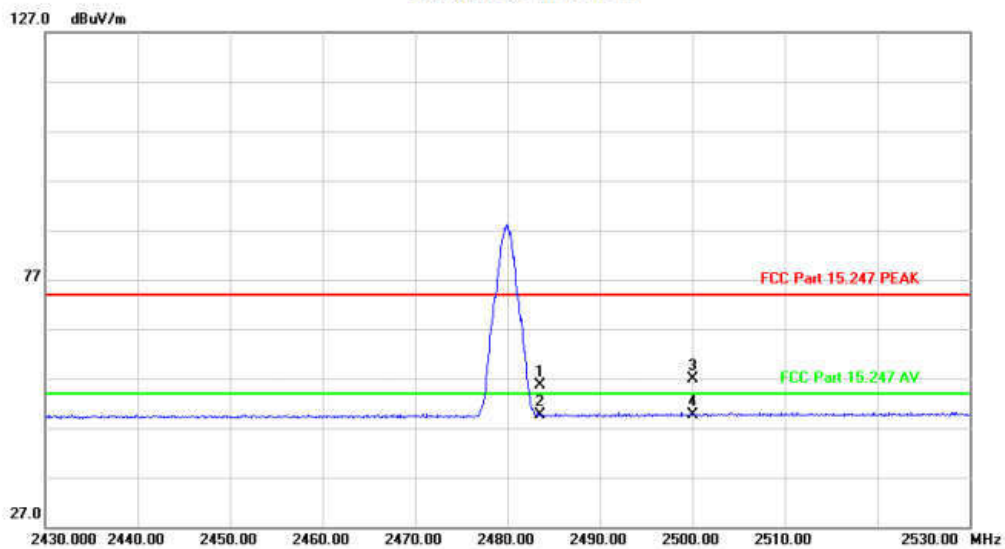
Test Mode	TX 2480 MHz_2Mbps_ANT 2	Polarization	Vertical
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Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4961.251	46.58	-13.33	33.25	54.00	-20.75	AVG		
2		4961.251	54.21	-13.33	40.88	74.00	-33.12	peak		
3		5997.158	59.54	-11.39	48.15	74.00	-25.85	peak		
4 *		5997.158	58.25	-11.39	46.86	54.00	-7.14	AVG		
5		7438.158	37.04	-8.71	28.33	54.00	-25.67	AVG		
6		7438.147	48.15	-8.71	39.44	74.00	-34.56	peak		

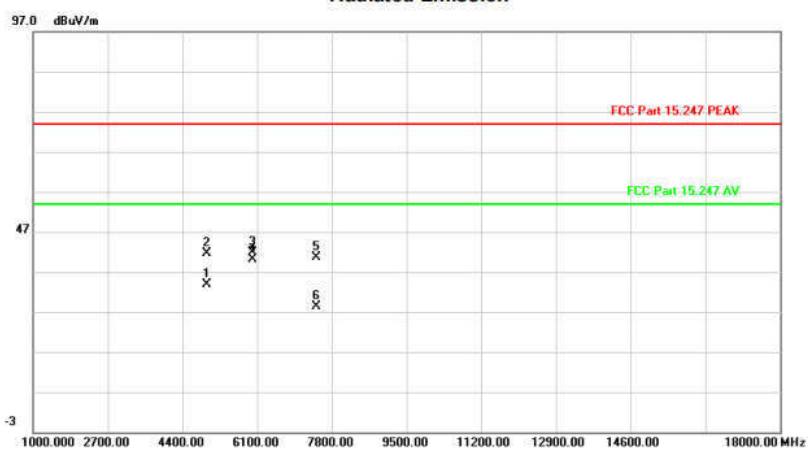
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	27.30	28.16	55.46	74.00	-18.54	peak		
2		2483.500	20.88	28.16	49.04	54.00	-4.96	AVG		
3		2500.000	28.26	28.20	56.46	74.00	-17.54	peak		
4 *		2500.000	21.53	28.20	49.73	54.00	-4.27	AVG		

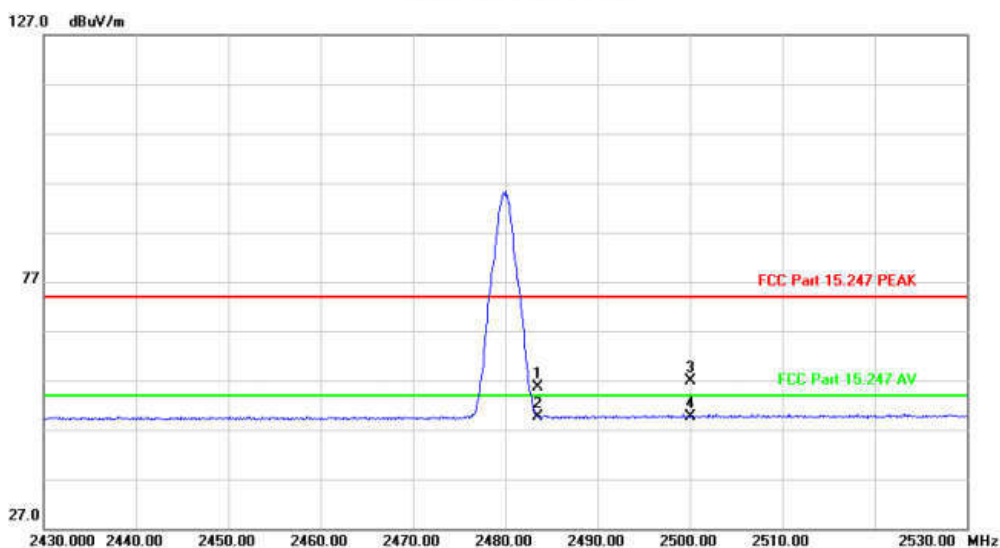
Test Mode	TX 2480 MHz_2Mbps_ANT 2	Polarization	Horizontal
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Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4959.839	47.25	-13.34	33.91	54.00	-20.09	AVG		
2		4962.133	54.84	-13.33	41.51	74.00	-32.49	peak		
3		5999.700	53.21	-11.39	41.82	74.00	-32.18	peak		
4 *		5999.885	51.54	-11.39	40.15	54.00	-13.85	AVG		
5		7438.467	49.24	-8.71	40.53	74.00	-33.47	peak		
6		7438.545	37.18	-8.71	28.47	54.00	-25.53	AVG		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	27.30	28.16	55.46	74.00	-18.54	peak		
2 *		2483.500	21.45	28.16	49.61	54.00	-4.39	AVG		
3		2500.000	28.42	28.20	56.62	74.00	-17.38	peak		
4		2500.000	21.55	28.20	49.75	54.00	-4.25	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

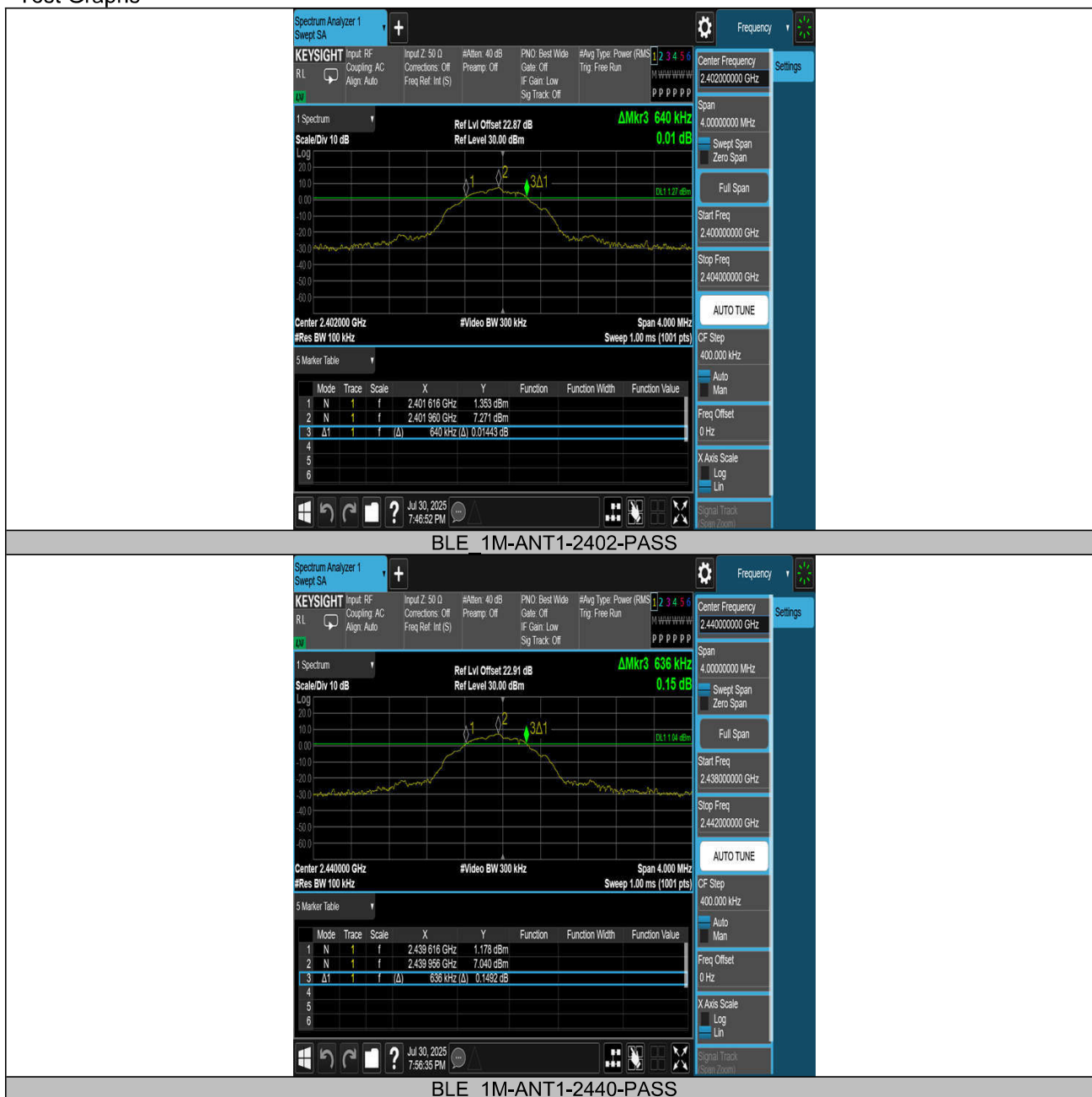
APPENDIX E - BANDWIDTH

DTS Bandwidth

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	ANT1	2402	0.640	2401.616	2402.256	0.5	PASS
		2440	0.636	2439.616	2440.252	0.5	PASS
		2480	0.640	2479.608	2480.248	0.5	PASS
BLE_2M	ANT1	2402	0.616	2401.592	2402.208	0.5	PASS
		2440	0.620	2439.580	2440.200	0.5	PASS
		2480	0.616	2479.584	2480.200	0.5	PASS

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	ANT2	2402	0.636	2401.612	2402.248	0.5	PASS
		2440	0.632	2439.612	2440.244	0.5	PASS
		2480	0.636	2479.604	2480.240	0.5	PASS
BLE_2M	ANT2	2402	0.616	2401.580	2402.196	0.5	PASS
		2440	0.616	2439.580	2440.196	0.5	PASS
		2480	0.620	2479.576	2480.196	0.5	PASS

Test Graphs





BLE_1M-ANT1-2480-PASS



BLE_2M-ANT1-2402-PASS



BLE_2M-ANT1-2440-PASS



BLE_2M-ANT1-2480-PASS





BLE_1M-ANT2-2480-PASS



BLE_2M-ANT2-2402-PASS



BLE_2M-ANT2-2440-PASS



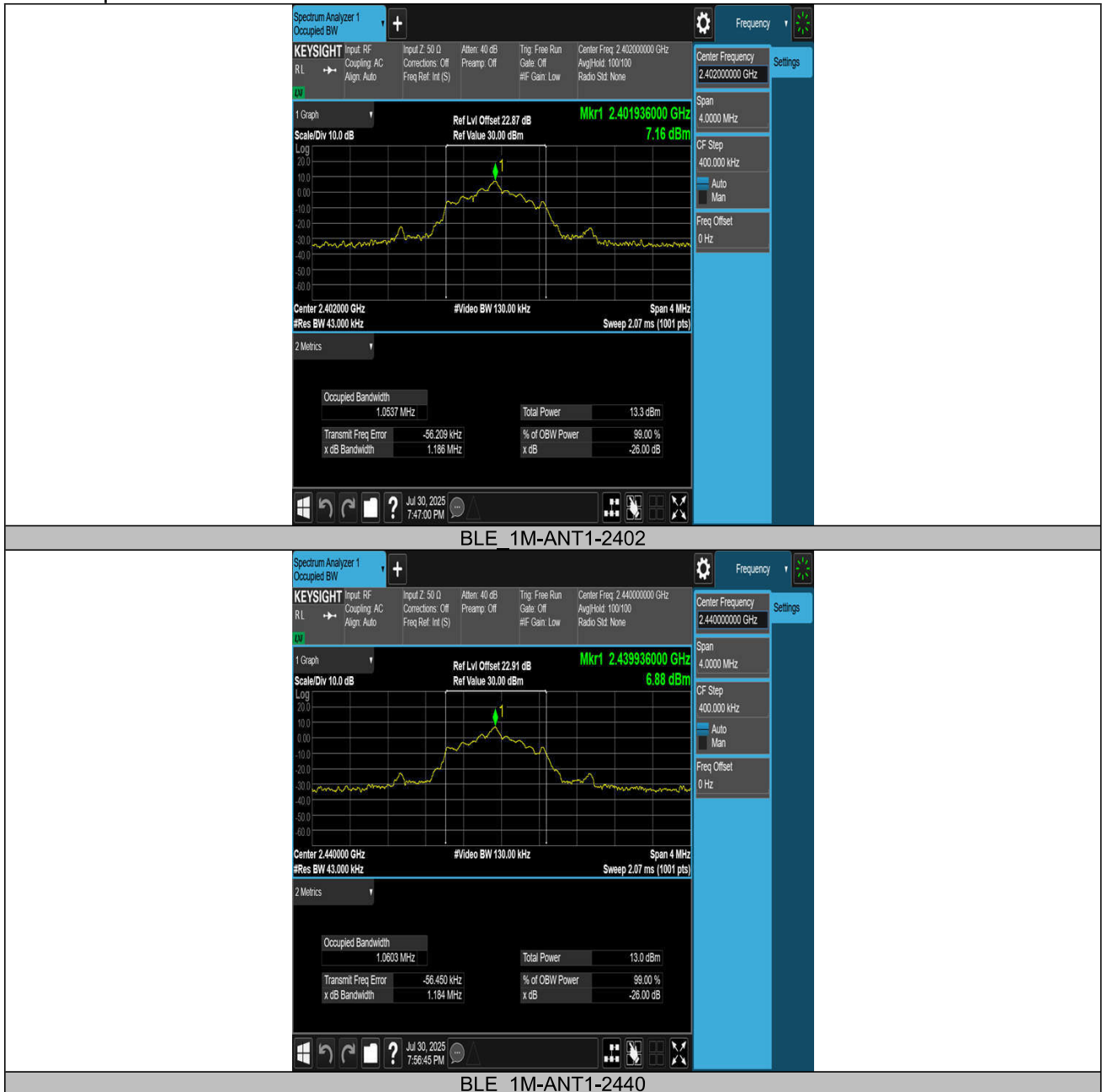
BLE_2M-ANT2-2480-PASS

Occupied Channel Bandwidth

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	ANT1	2402	1.0537	2401.4169	2402.4706	--	---
		2440	1.0603	2439.4134	2440.4737	--	---
		2480	1.0605	2479.4080	2480.4685	--	---
BLE_2M	ANT1	2402	2.0721	2400.9155	2402.9876	--	---
		2440	2.0736	2438.9145	2440.9881	--	---
		2480	2.0736	2478.9085	2480.9821	--	---

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	ANT2	2402	1.0562	2401.4108	2402.4670	--	---
		2440	1.0566	2439.4074	2440.4640	--	---
		2480	1.0605	2479.4046	2480.4651	--	---
BLE_2M	ANT2	2402	2.0709	2400.9067	2402.9776	--	---
		2440	2.0739	2438.9054	2440.9793	--	---
		2480	2.0710	2478.9051	2480.9761	--	---

Test Graphs





BLE_1M-ANT1-2480



BLE_2M-ANT1-2402



BLE_2M-ANT1-2440



BLE_2M-ANT1-2480



BLE_1M-ANT2-2402



BLE_1M-ANT2-2440



BLE_1M-ANT2-2480



BLE_2M-ANT2-2402



BLE_2M-ANT2-2440



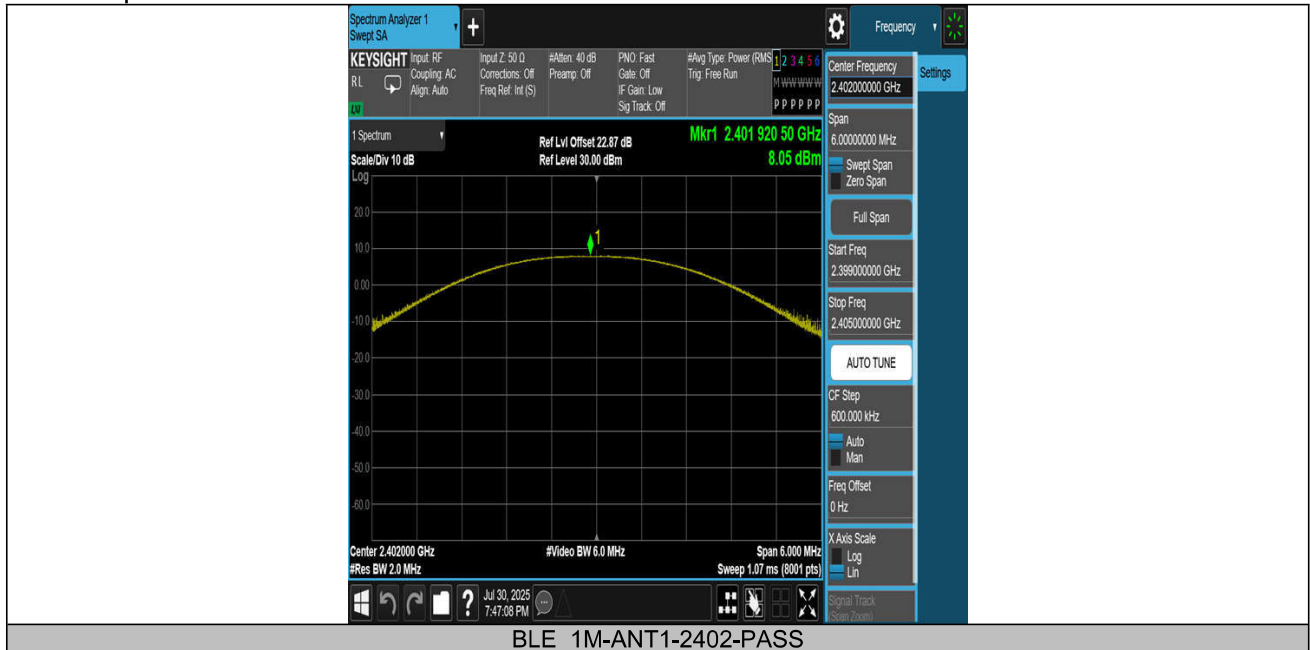
BLE_2M-ANT2-2480

APPENDIX F – MAXIMUM OUTPUT POWER

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	ANT1	2402	8.05	≤30	PASS
		2440	7.80	≤30	PASS
		2480	7.56	≤30	PASS
BLE_2M	ANT1	2402	8.06	≤30	PASS
		2440	7.78	≤30	PASS
		2480	7.69	≤30	PASS

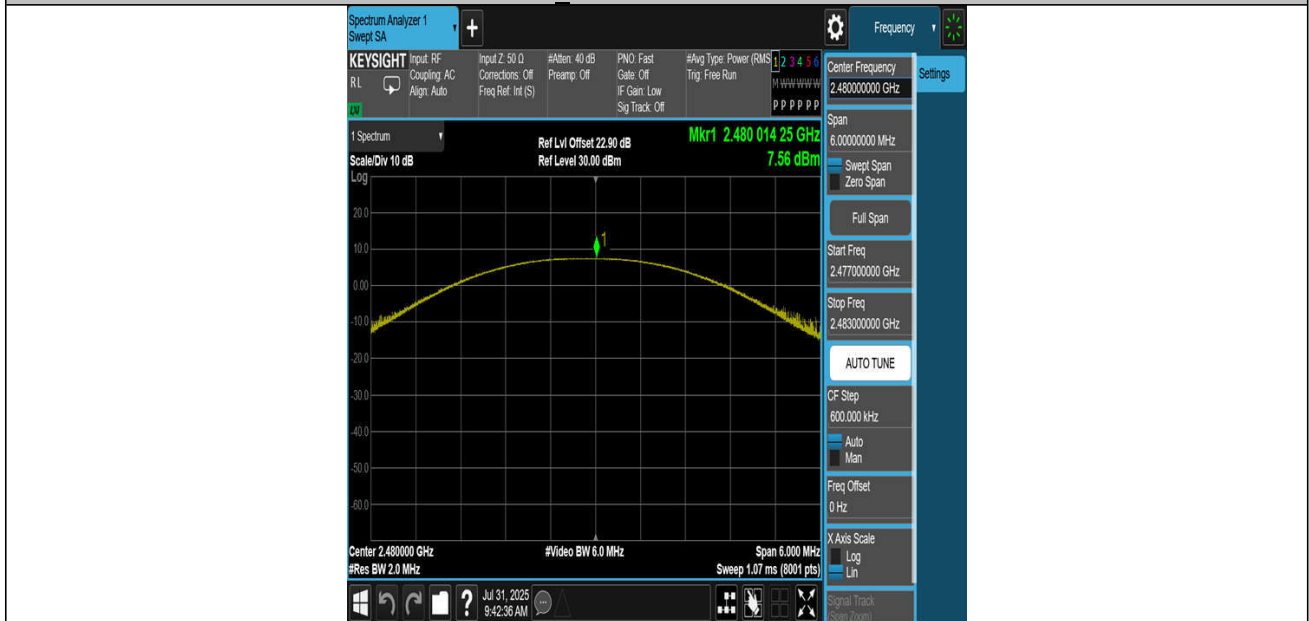
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	ANT2	2402	8.27	≤30	PASS
		2440	7.87	≤30	PASS
		2480	7.57	≤30	PASS
BLE_2M	ANT2	2402	7.89	≤30	PASS
		2440	7.67	≤30	PASS
		2480	7.65	≤30	PASS

Test Graphs Peak

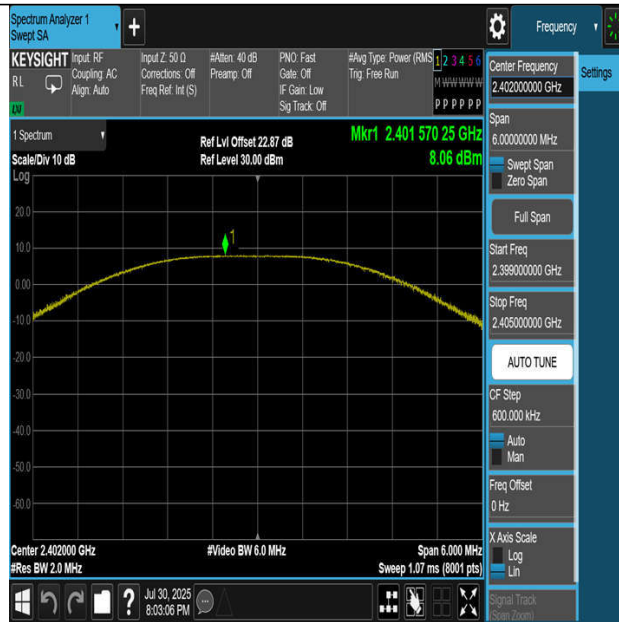




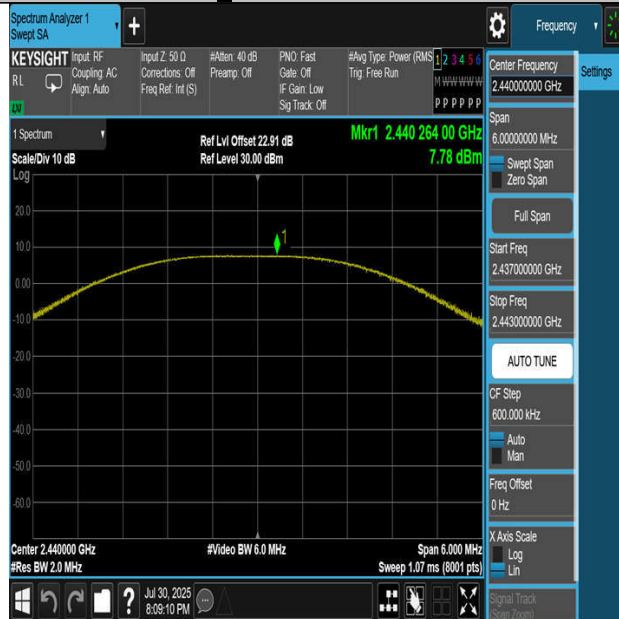
BLE_1M-ANT1-2440-PASS



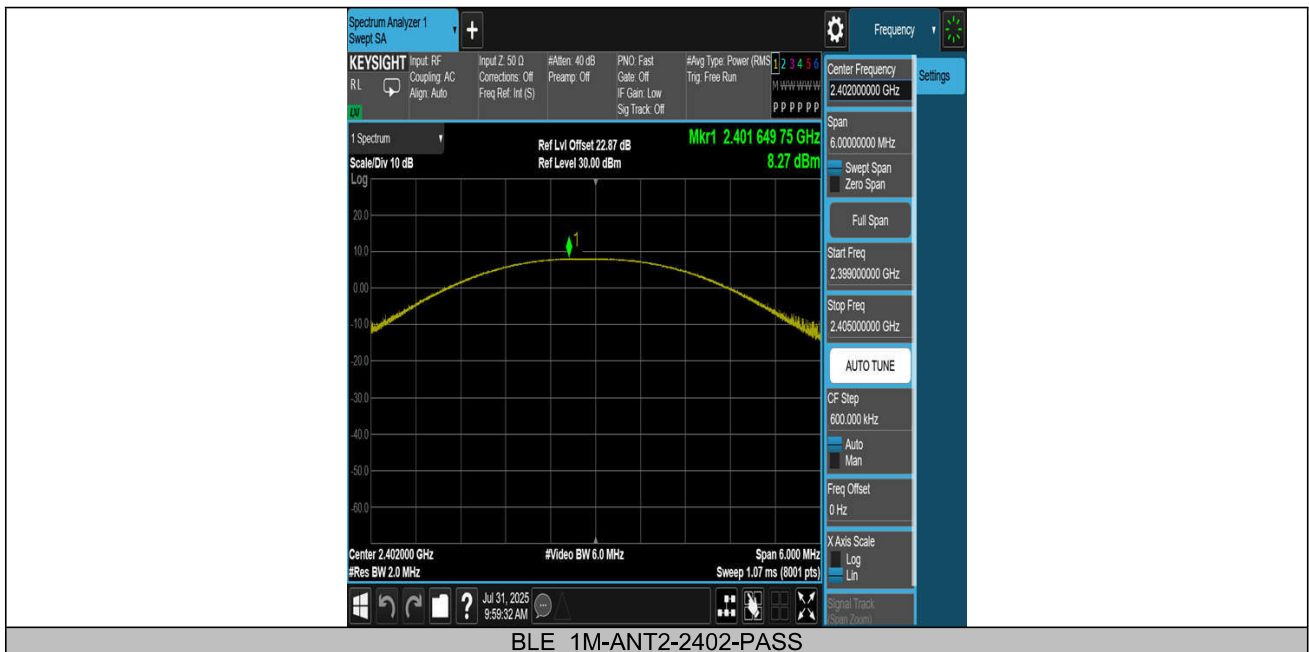
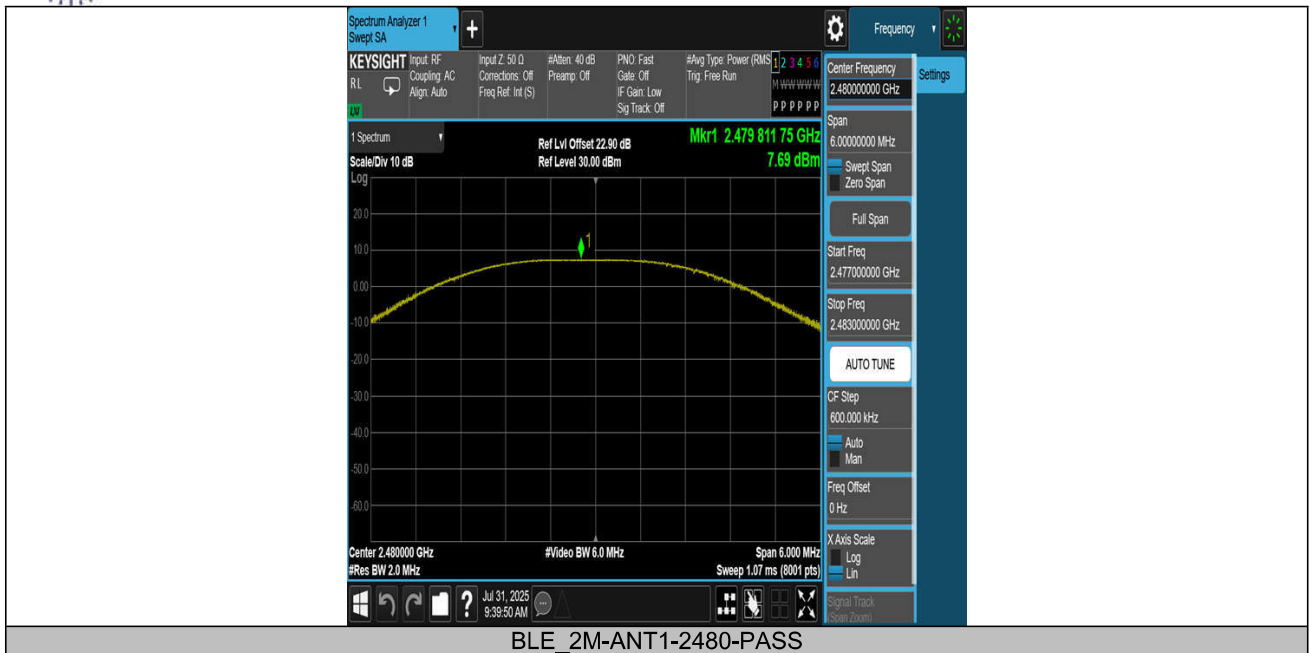
BLE_1M-ANT1-2480-PASS



BLE_2M-ANT1-2402-PASS

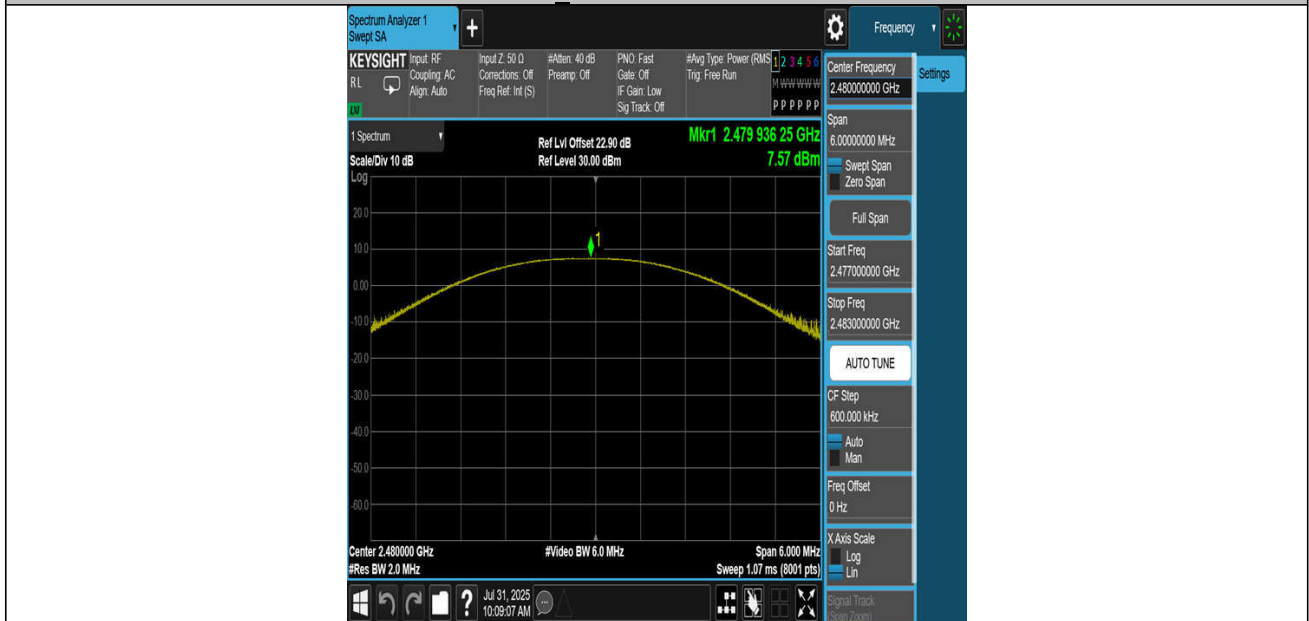


BLE_2M-ANT1-2440-PASS

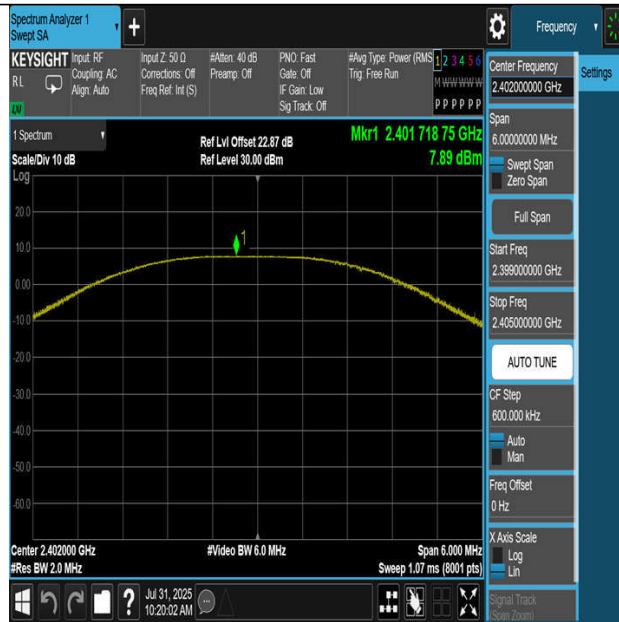




BLE_1M-ANT2-2440-PASS



BLE_1M-ANT2-2480-PASS



BLE_2M-ANT2-2402-PASS



BLE_2M-ANT2-2440-PASS

