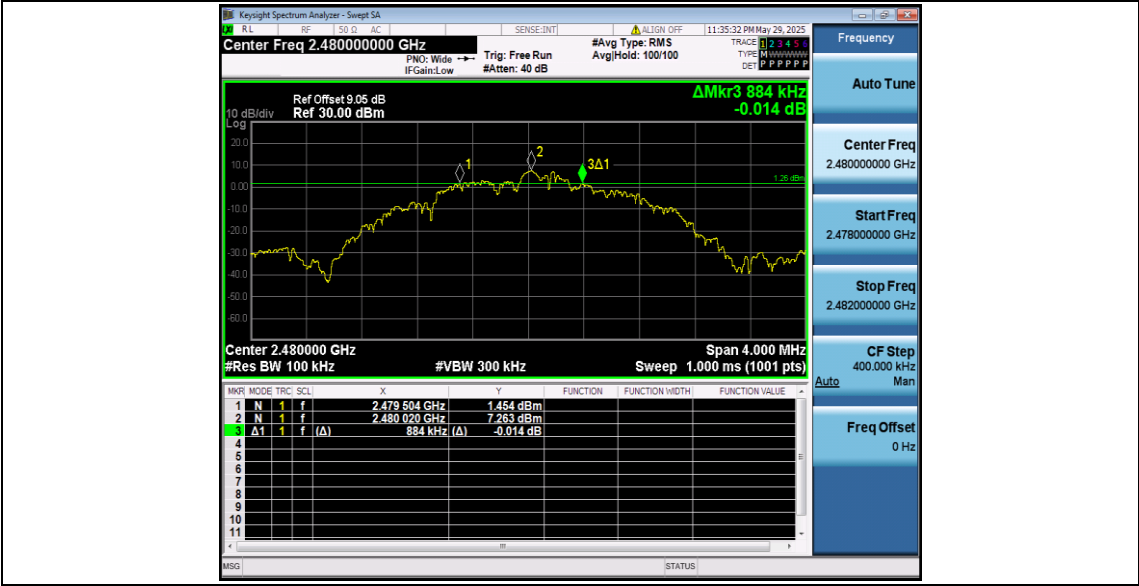


Case No. : <u>GTS20250519007-1-02</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2025.5.23-2025.6.09</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	0.932	2401.428	2402.360	0.5	PASS
		2440	1.200	2439.180	2440.380	0.5	PASS
		2480	0.884	2479.504	2480.388	0.5	PASS



Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.9594	2400.9453	2402.9047	---	---
		2440	1.9745	2439.0375	2441.0120	---	---
		2480	1.9904	2479.0271	2481.0175	---	---

Test Graphs

SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



Appendix B.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2402	7.60	≤30	PASS
		2440	8.54	≤30	PASS
		2480	7.57	≤30	PASS

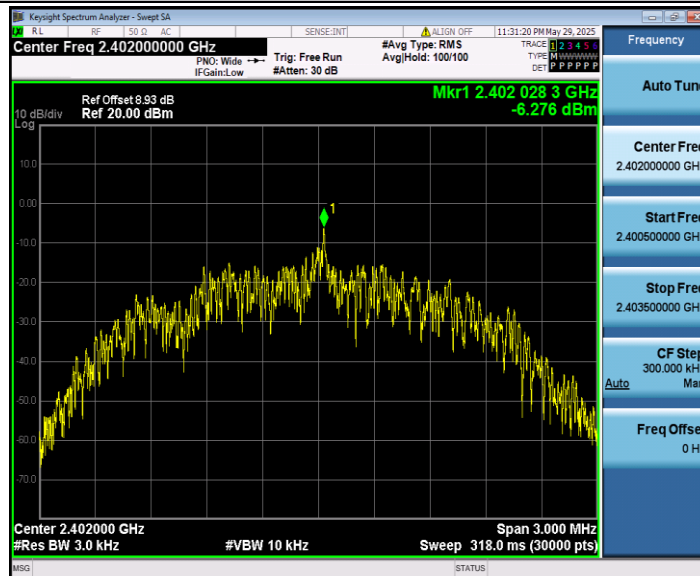
Appendix B.4: Maximum power spectral density

Test Result

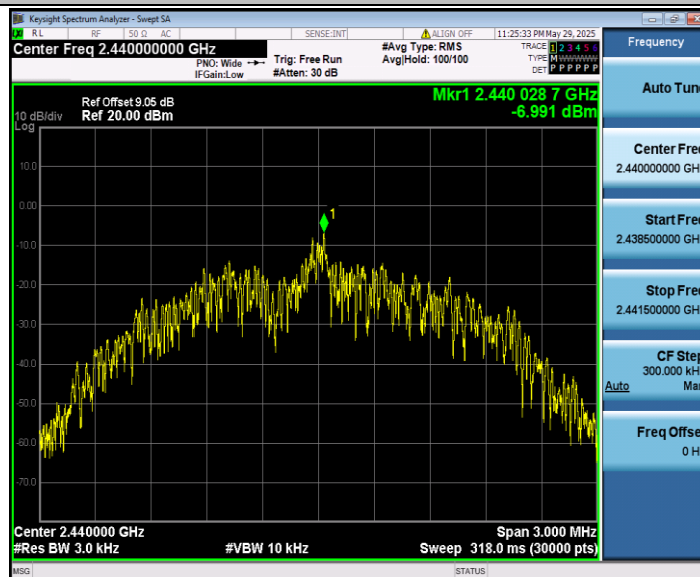
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-6.28	≤8.00	PASS
		2440	-6.99	≤8.00	PASS
		2480	-6.95	≤8.00	PASS

Test Graphs

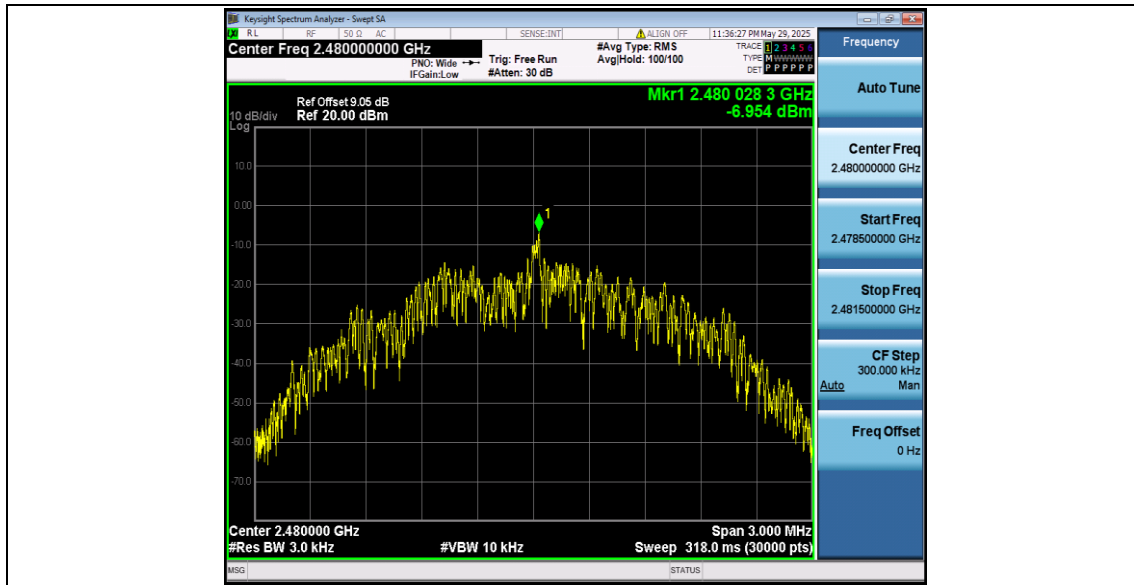
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480

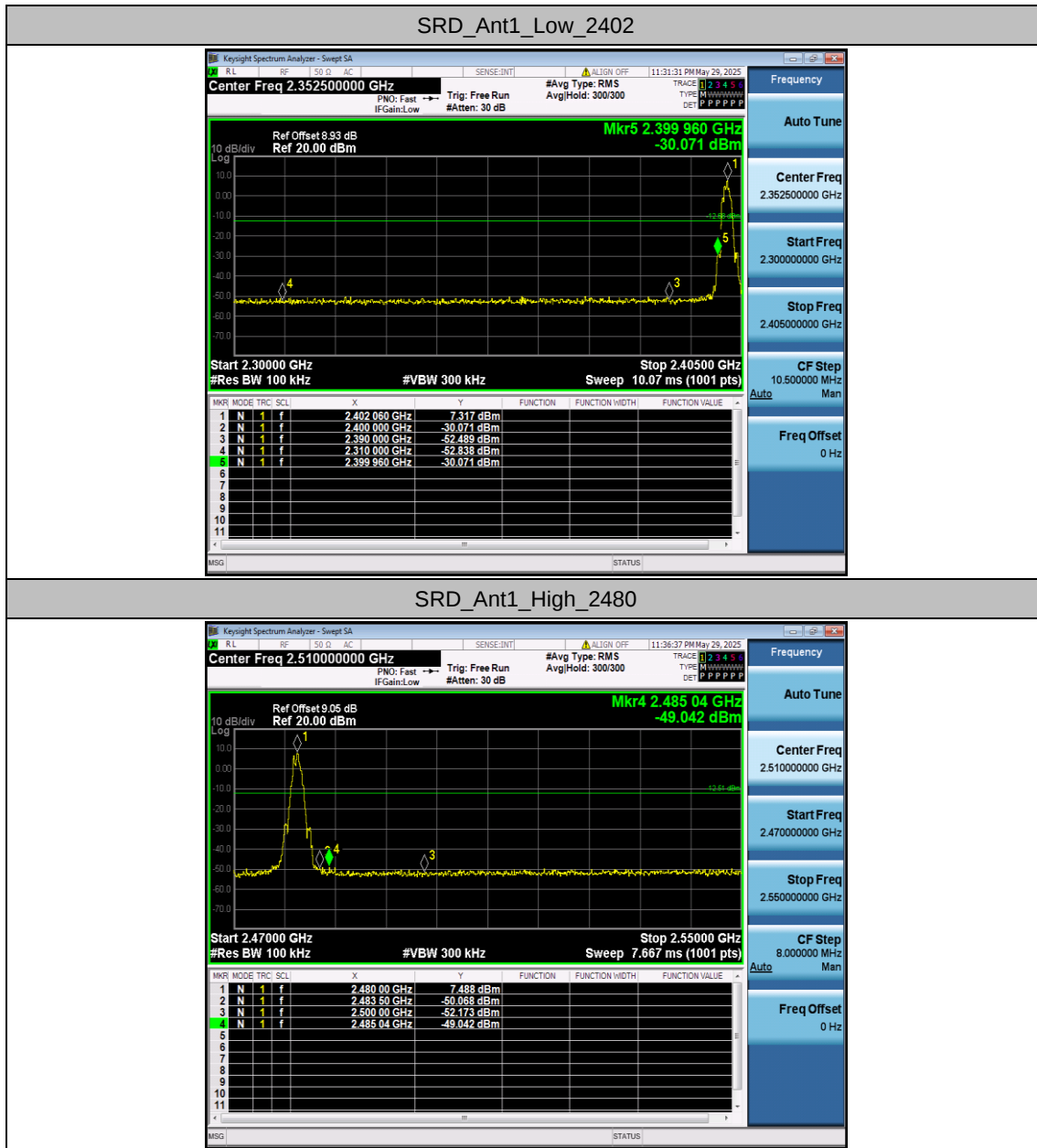


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	7.32	-30.07	≤-12.68	PASS
		High	2480	7.49	-49.04	≤-12.51	PASS

Test Graphs



Appendix B.6: Conducted Spurious Emission

Test Result

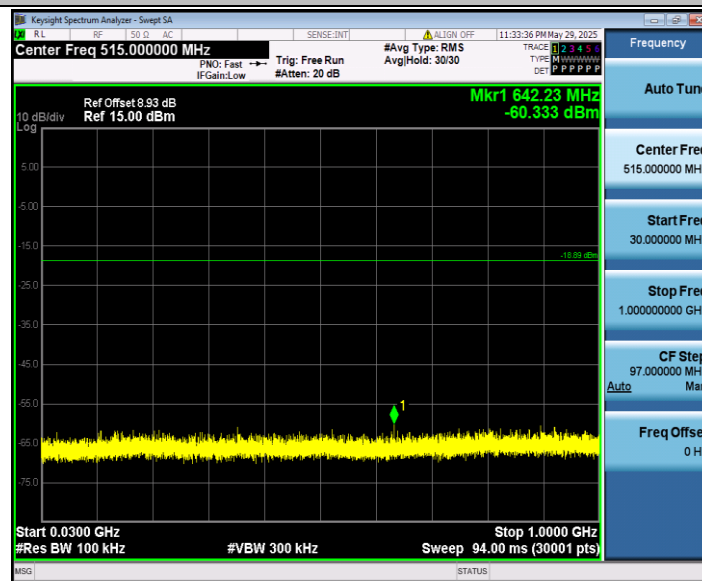
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-60.33	≤-18.89	PASS
			1000~26500	1.11	-36.33	≤-18.89	PASS
		2440	Reference	4.91	4.91	---	PASS
			30~1000	4.91	-59.95	≤-15.09	PASS
			1000~26500	4.91	-39.58	≤-15.09	PASS
		2480	Reference	7.39	7.39	---	PASS
			30~1000	7.39	-61	≤-12.61	PASS
			1000~26500	7.39	-36.92	≤-12.61	PASS

Test Graphs

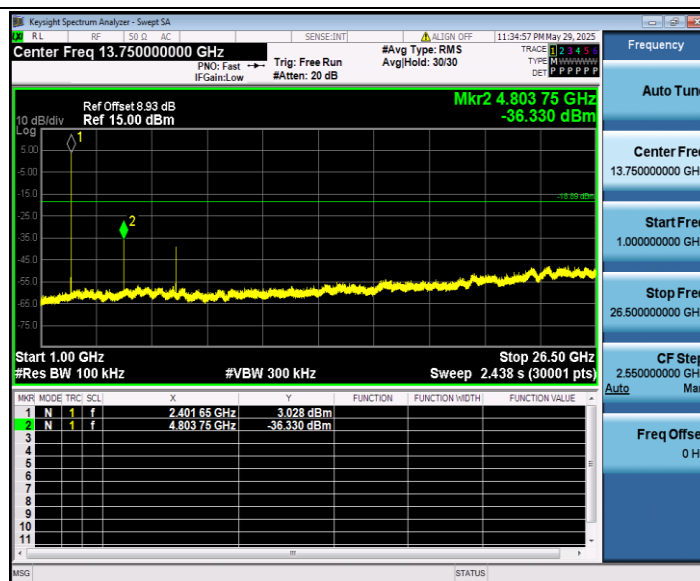
SRD_Ant1_2402_0-Reference



SRD_Ant1_2402_30-1000



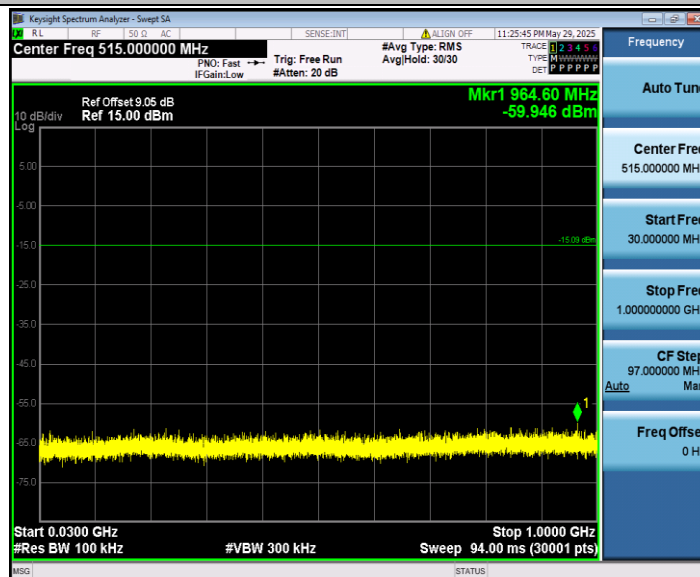
SRD_Ant1_2402_1000-26500



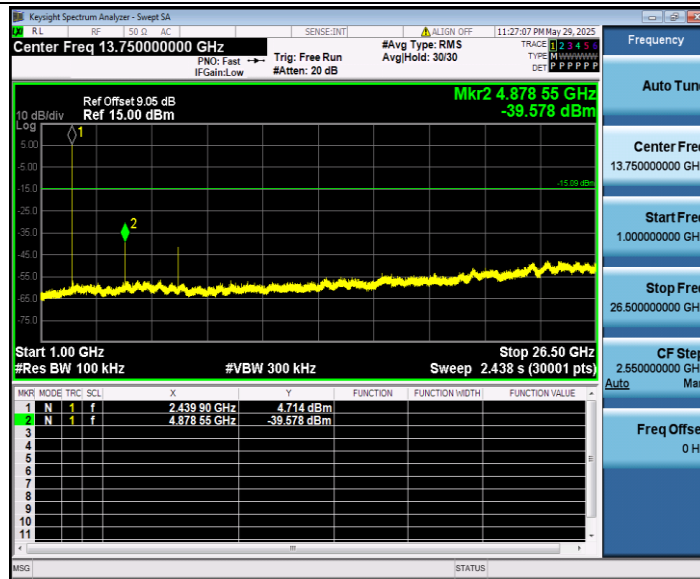
SRD_Ant1_2440_0~Reference



SRD_Ant1_2440_30~1000



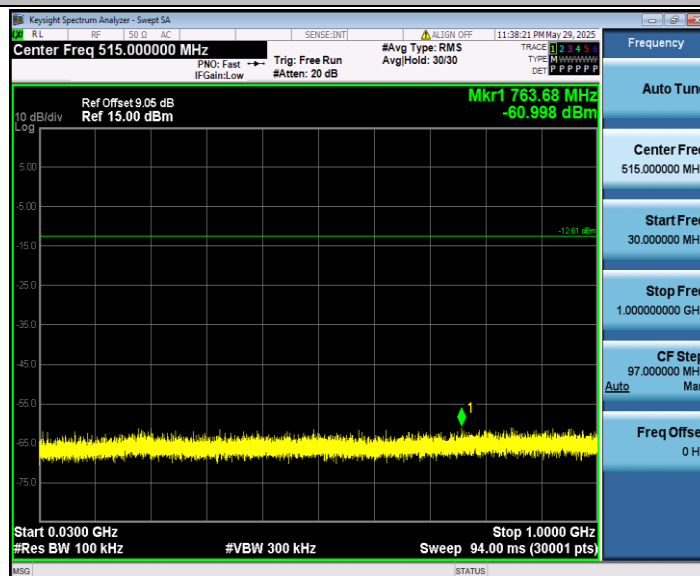
SRD_Ant1_2440_1000~26500

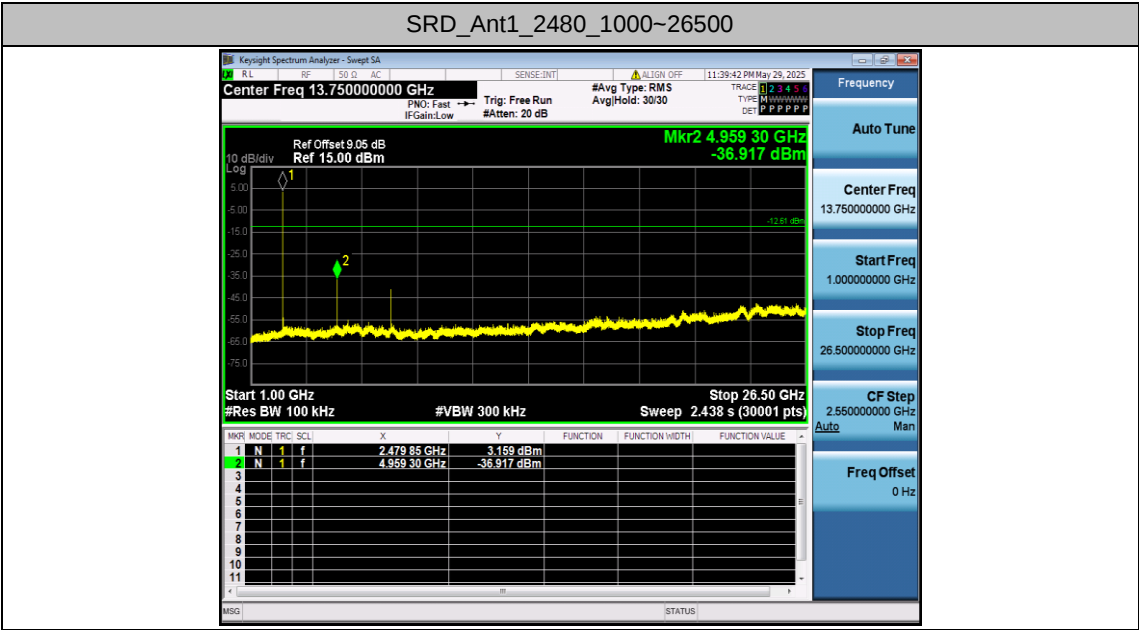


SRD_Ant1_2480_0~Reference



SRD_Ant1_2480_30~1000





Appendix B.7: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
SRD	Ant1	Low	2402	AV	2310.000	-49.13	≤-41.20	46.07	≤54	PASS
				AV	2322.575	-48.64	≤-41.20	46.56	≤54	PASS
				AV	2390.000	-48.81	≤-41.20	46.39	≤54	PASS
				Peak	2310.000	-41.78	≤-21.20	53.42	≤74	PASS
				Peak	2389.145	-37.3	≤-21.20	57.90	≤74	PASS
				Peak	2390.000	-39.27	≤-21.20	55.93	≤74	PASS
		High	2480	AV	2483.500	-45.93	≤-41.20	49.27	≤54	PASS
				AV	2483.520	-45.93	≤-41.20	49.27	≤54	PASS
				AV	2500.000	-48.56	≤-41.20	46.64	≤54	PASS
				Peak	2483.500	-37.23	≤-21.20	57.97	≤74	PASS
				Peak	2483.600	-36.45	≤-21.20	58.75	≤74	PASS
				Peak	2500.000	-40.47	≤-21.20	54.73	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

