

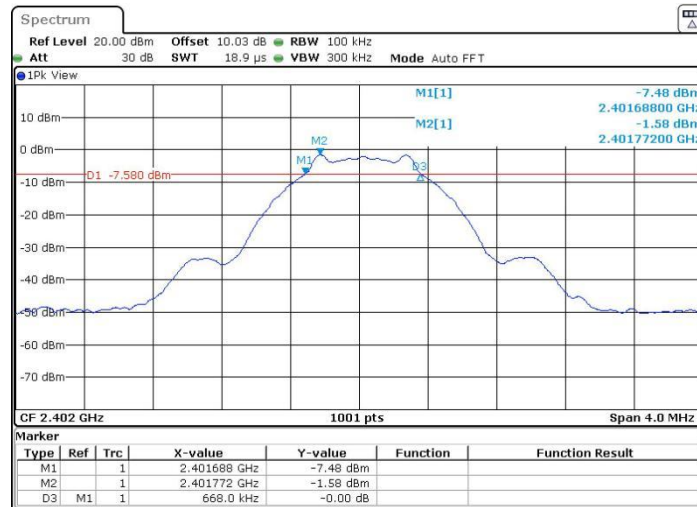
Appendix A: DTS Bandwidth

Test Result

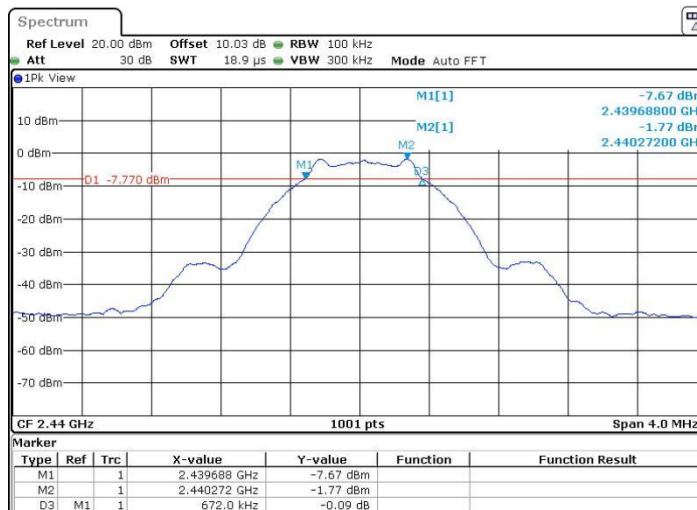
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G Customization	Ant1	2402	0.67	2401.69	2402.36	0.5	PASS
		2440	0.67	2439.69	2440.36	0.5	PASS
		2480	0.68	2479.69	2480.36	0.5	PASS

Test Graphs

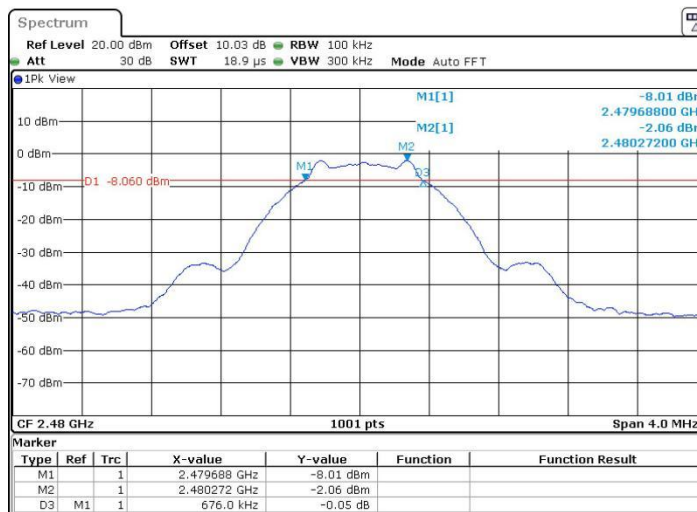
2.4G Customization_Ant1_2402



2.4G Customization_Ant1_2440



2.4G Customization_Ant1_2480



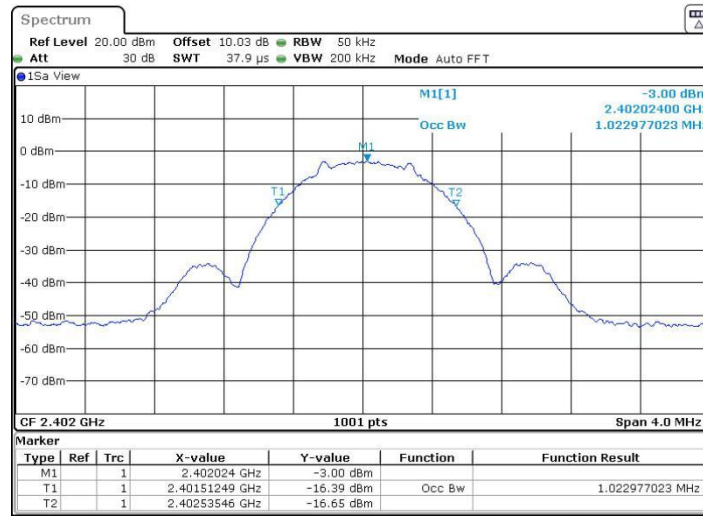
Appendix B: Occupied Channel Bandwidth

Test Result

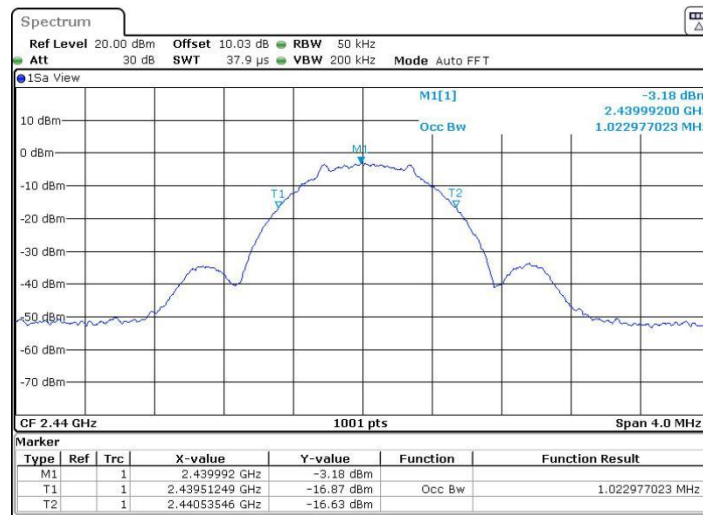
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G Customization	Ant1	2402	1.023	2401.512	2402.535	---	PASS
		2440	1.023	2439.512	2440.535	---	PASS
		2480	1.027	2479.508	2480.535	---	PASS

Test Graphs

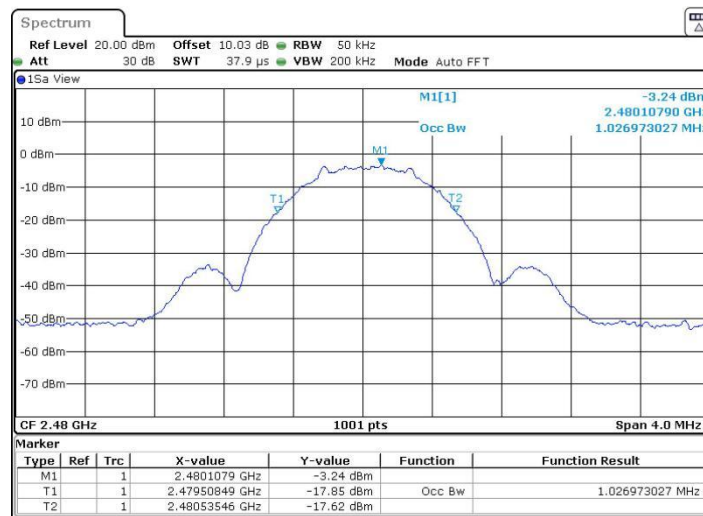
2.4G Customization_Ant1_2402



2.4G Customization_Ant1_2440



2.4G Customization_Ant1_2480



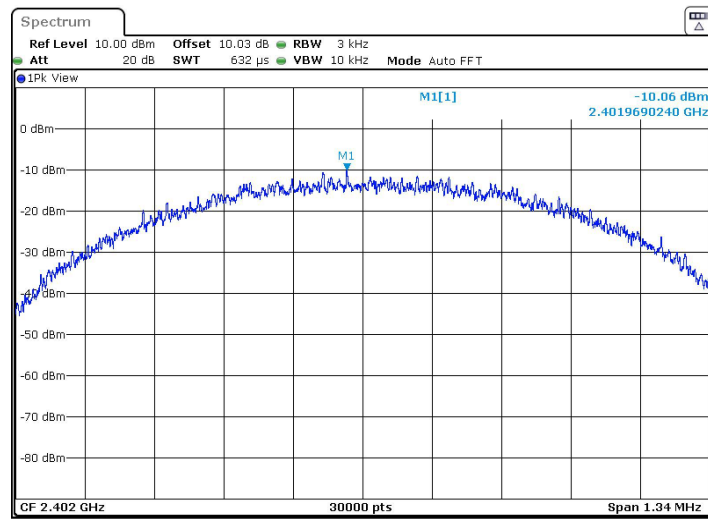
Appendix D: Maximum power spectral density

Test Result

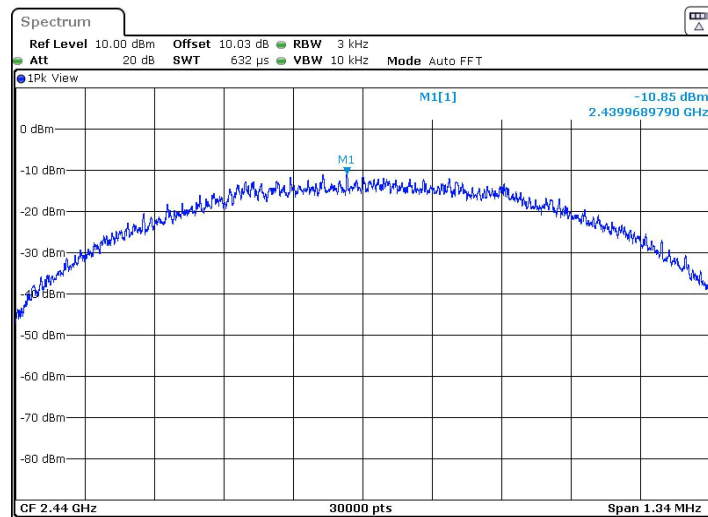
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G Customization	Ant1	2402	-10.06	≤8	PASS
		2440	-10.85	≤8	PASS
		2480	-11.25	≤8	PASS

Test Graphs

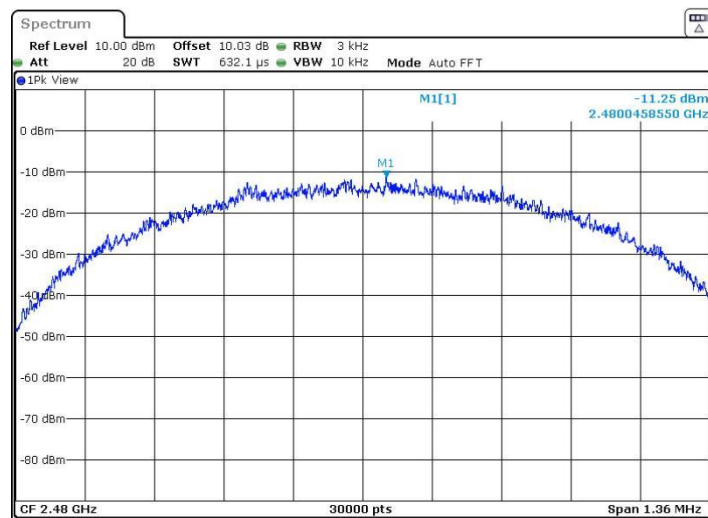
2.4G Customization_Ant1_2402



2.4G Customization_Ant1_2440



2.4G Customization_Ant1_2480



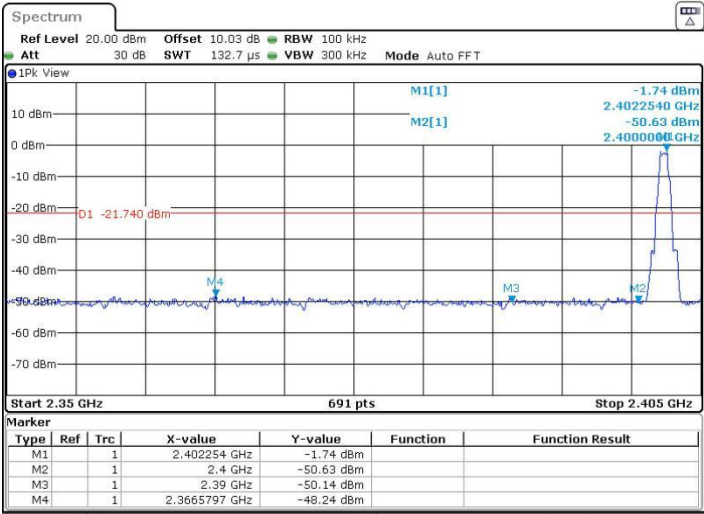
Appendix E: Band edge measurements

Test Result

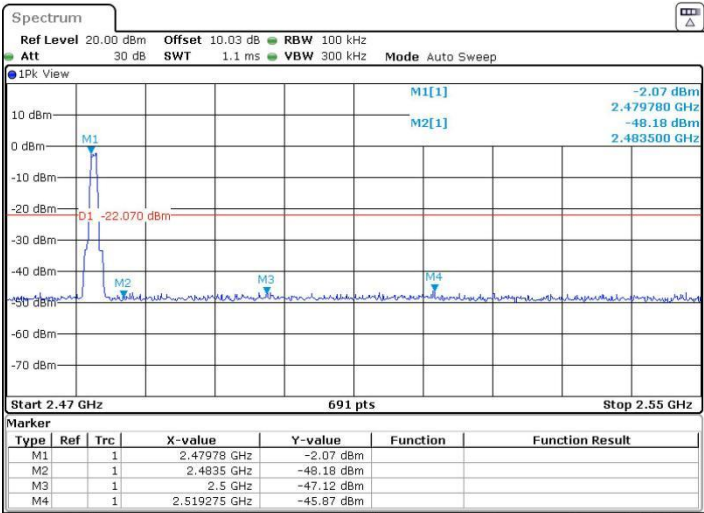
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G Customization	Ant1	Low	2402	-1.74	-48.24	≤ -21.74	PASS
		High	2480	-2.07	-45.87	≤ -22.07	PASS

Test Graphs

2.4G Customization_Ant1_Low_2402



2.4G Customization_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

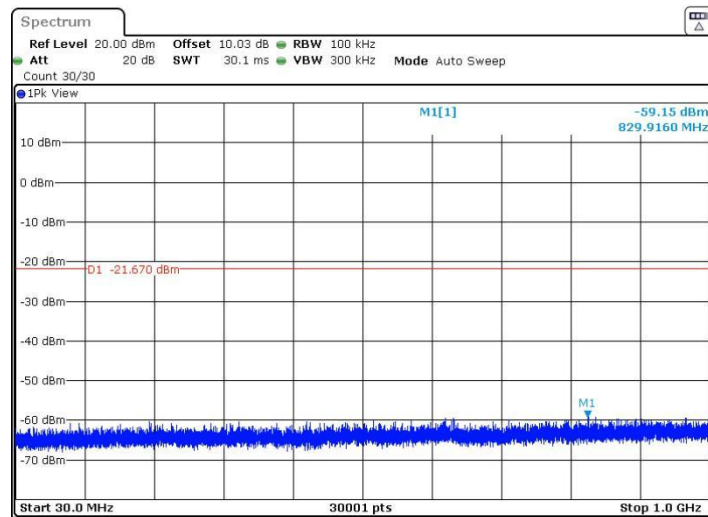
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G Customization	Ant1	2402	Reference	-1.67	-1.67	---	PASS
			30~1000	-1.67	-59.15	≤-21.67	PASS
			1000~26500	-1.67	-46.09	≤-21.67	PASS
		2440	Reference	-1.80	-1.80	---	PASS
			30~1000	-1.80	-57.96	≤-21.8	PASS
			1000~26500	-1.80	-36.03	≤-21.8	PASS
		2480	Reference	-2.15	-2.15	---	PASS
			30~1000	-2.15	-58.85	≤-22.15	PASS
			1000~26500	-2.15	-44.33	≤-22.15	PASS

Test Graphs

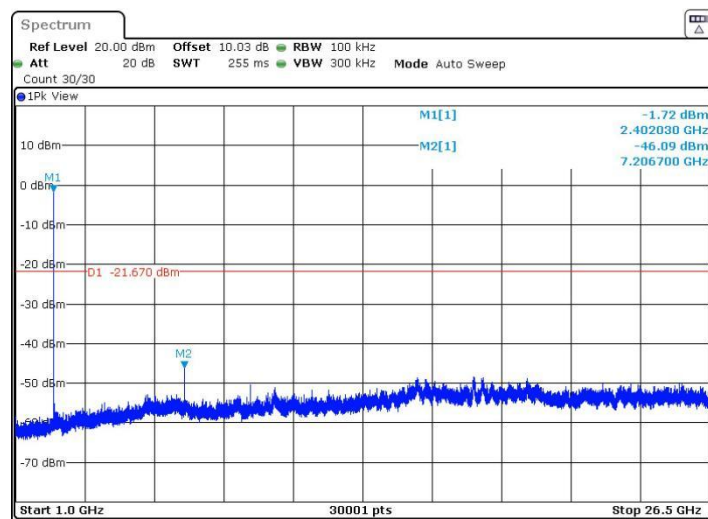
2.4G Customization_Ant1_2402_0~Reference



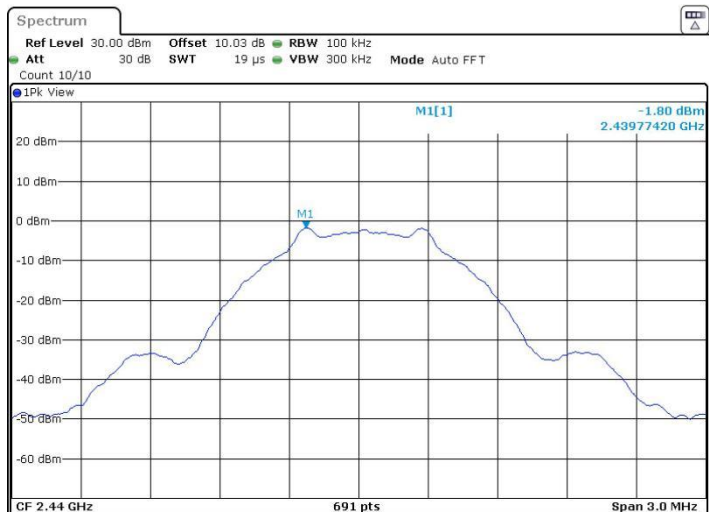
2.4G Customization_Ant1_2402_30~1000



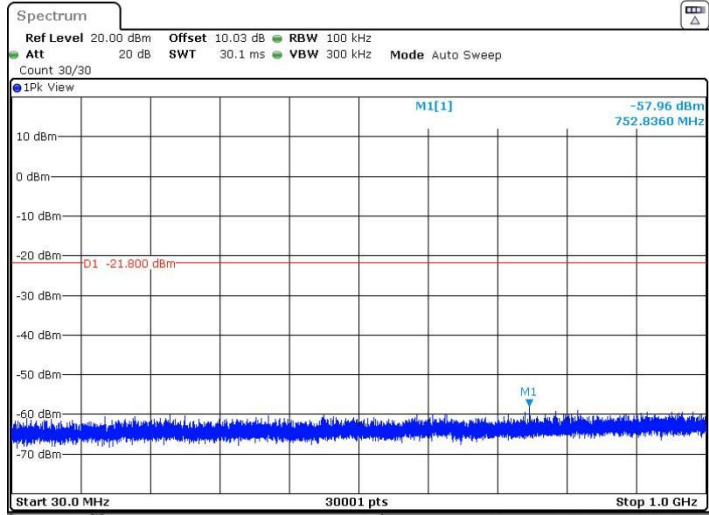
2.4G Customization_Ant1_2402_1000~26500



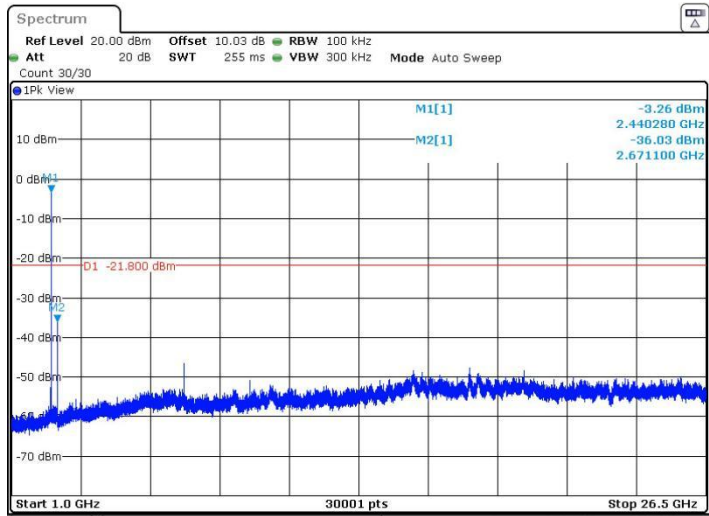
2.4G Customization_Ant1_2440_0~Reference



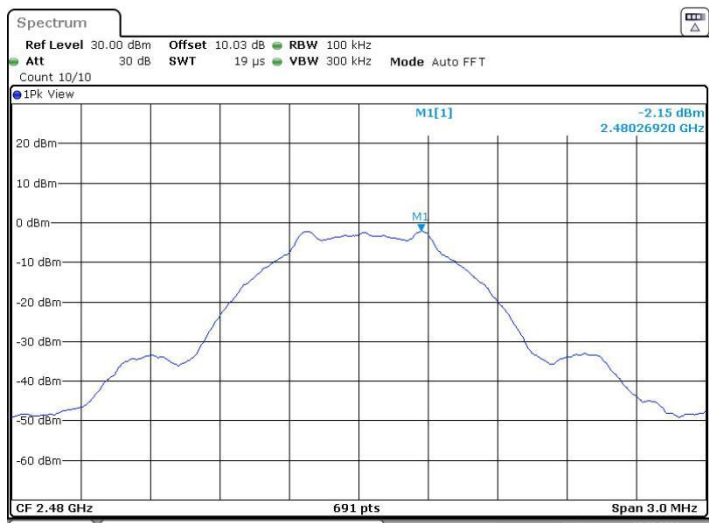
2.4G Customization_Ant1_2440_30~1000



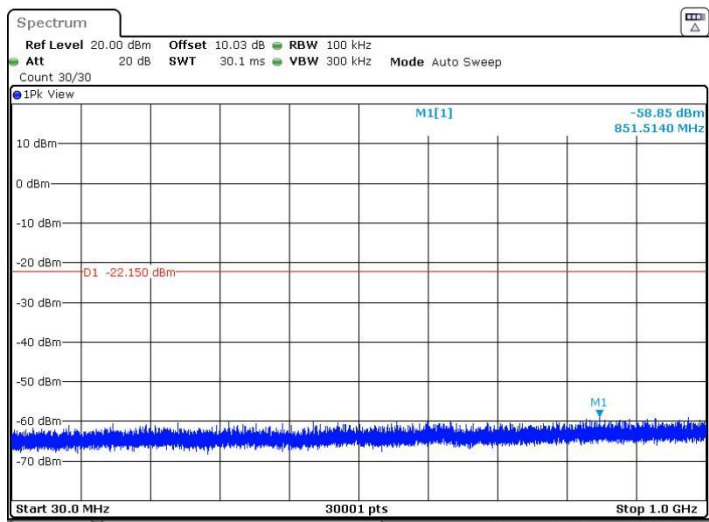
2.4G Customization_Ant1_2440_1000~26500



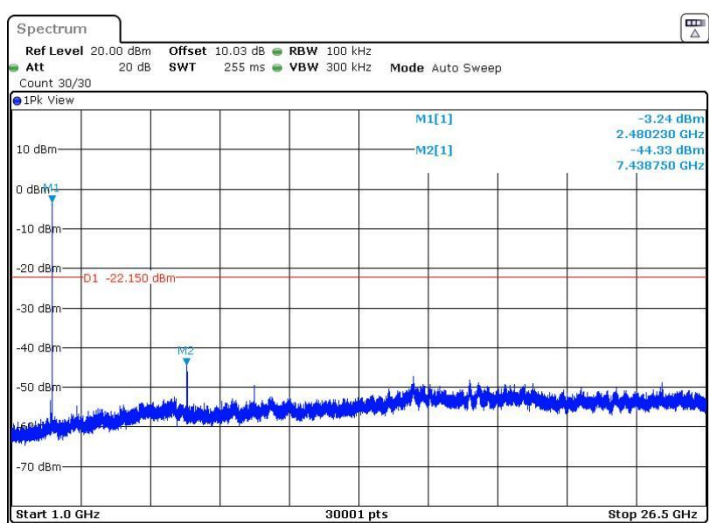
2.4G Customization_Ant1_2480_0~Reference



2.4G Customization_Ant1_2480_30~1000



2.4G Customization_Ant1_2480_1000~26500



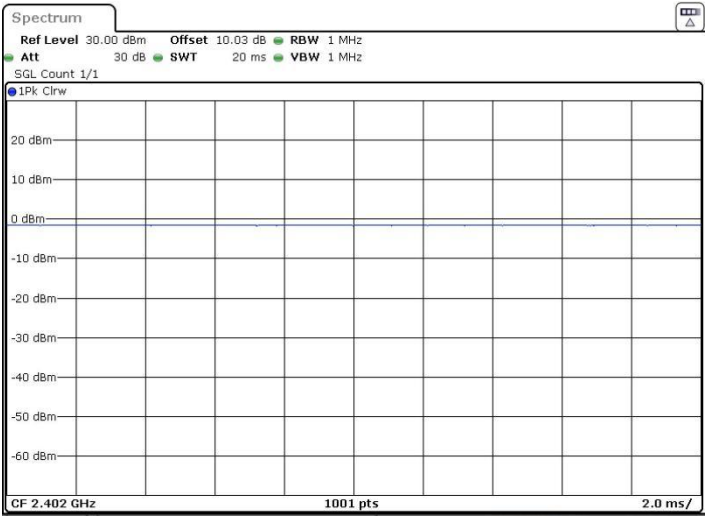
Appendix G: Duty Cycle

Test Result

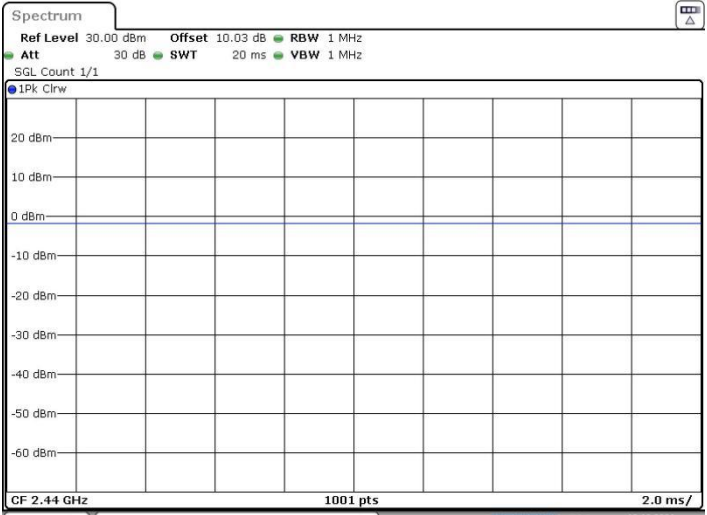
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
2.4G Customization	Ant1	2402	0.00	0.00	NaN	100	NaN	---	PASS
		2440	0.00	0.00	NaN	100	NaN	---	PASS
		2480	0.00	0.00	NaN	100	NaN	---	PASS

Test Graphs

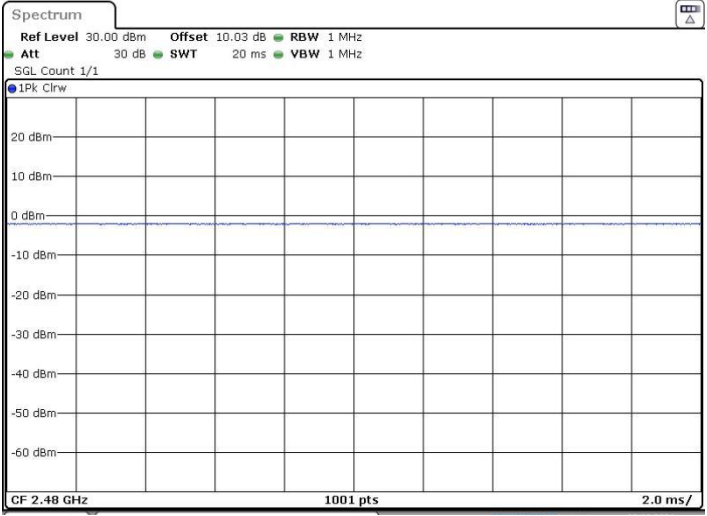
2.4G Customization_Ant1_2402



2.4G Customization_Ant1_2440



2.4G Customization_Ant1_2480



Appendix H: Emissions in Restricted Bands

Test Result

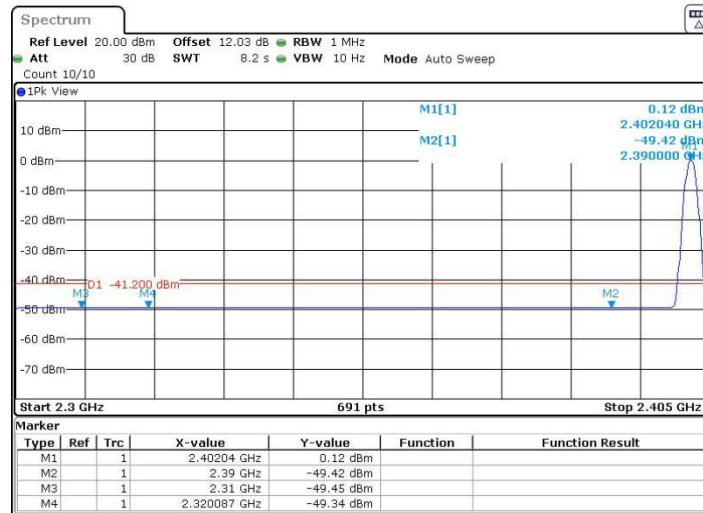
TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
2.4G Customiz ation	Ant1	Low	2402	AV	2310.000	-49.45	≤-41.20	45.75	≤54	PASS
				AV	2320.087	-49.34	≤-41.20	45.86	≤54	PASS
				AV	2390.000	-49.42	≤-41.20	45.78	≤54	PASS
				Peak	2310.000	-36.88	≤-21.20	58.32	≤74	PASS
				Peak	2338.348	-26.46	≤-21.20	68.74	≤74	PASS
				Peak	2390.000	-36.47	≤-21.20	58.73	≤74	PASS
		High	2480	AV	2483.500	-48.68	≤-41.20	46.52	≤54	PASS
				AV	2495.043	-48.6	≤-41.20	46.60	≤54	PASS
				AV	2500.000	-48.65	≤-41.20	46.55	≤54	PASS
				Peak	2483.500	-36.28	≤-21.20	58.92	≤74	PASS
				Peak	2487.275	-33.94	≤-21.20	61.26	≤74	PASS
				Peak	2500.000	-35.71	≤-21.20	59.49	≤74	PASS

Note:

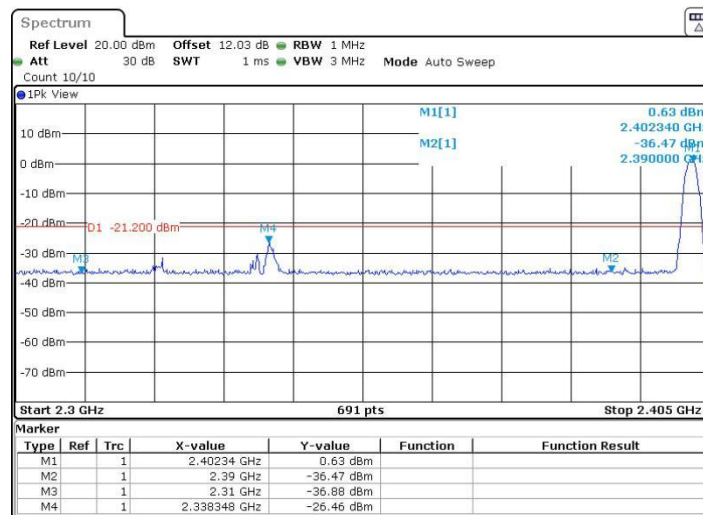
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

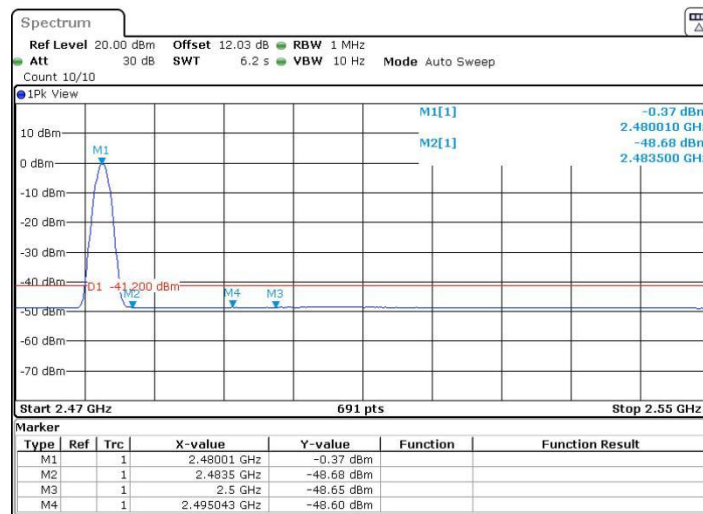
2.4G Customization_Ant1_Low_2402_AV



2.4G Customization_Ant1_Low_2402_Peak



2.4G Customization_Ant1_High_2480_AV



2.4G Customization_Ant1_High_2480_Peak

