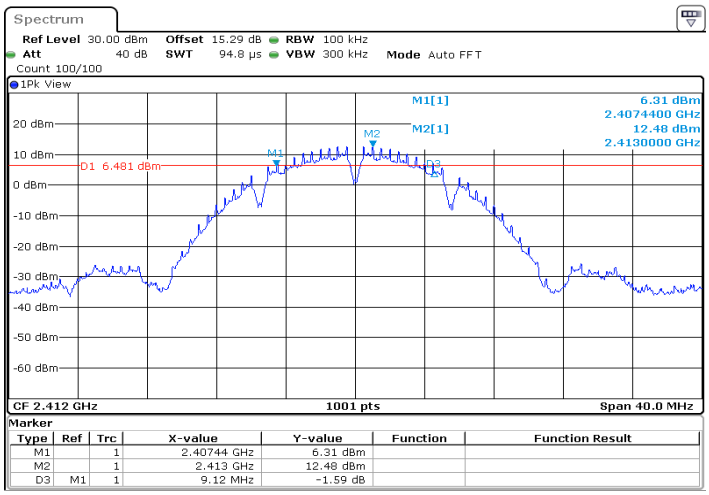
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	0.5	PASS
	Ant1	2437	9.120	0.5	PASS
	Ant1	2462	9.120	0.5	PASS
11G	Ant1	2412	15.200	0.5	PASS
	Ant1	2437	15.200	0.5	PASS
	Ant1	2462	15.200	0.5	PASS
11N20	Ant1	2412	15.200	0.5	PASS
	Ant1	2437	15.200	0.5	PASS
	Ant1	2462	15.200	0.5	PASS
11N40	Ant1	2422	35.200	0.5	PASS
	Ant1	2437	35.200	0.5	PASS
	Ant1	2452	35.200	0.5	PASS

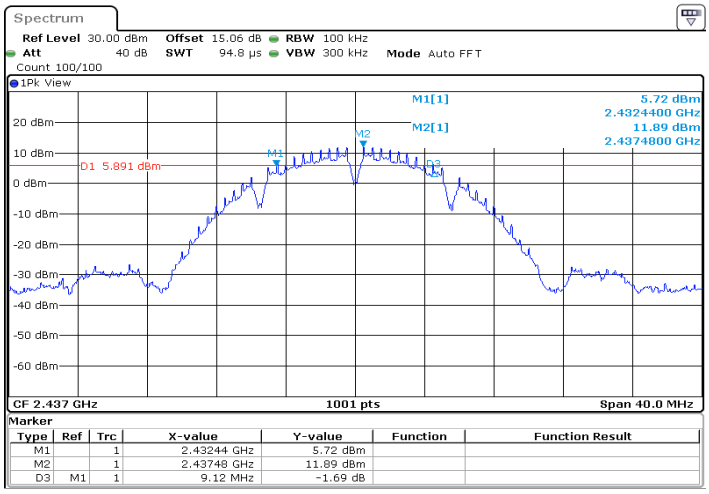
Test Graphs

11B_Ant1_2412



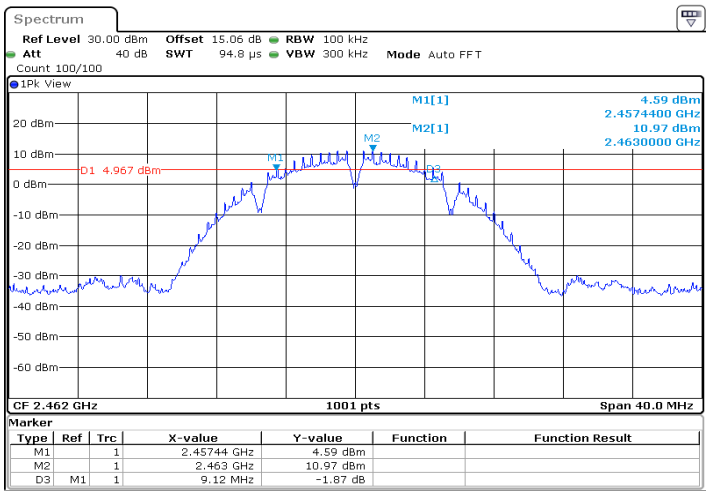
Date: 17.MAR.2020 17:00:06

11B_Ant1_2437



Date: 17.MAR.2020 17:01:49

11B_Ant1_2462



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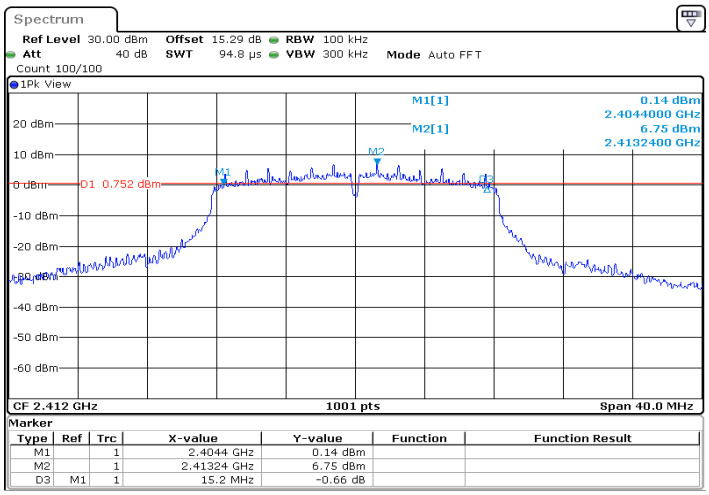
11G_Ant1_2412



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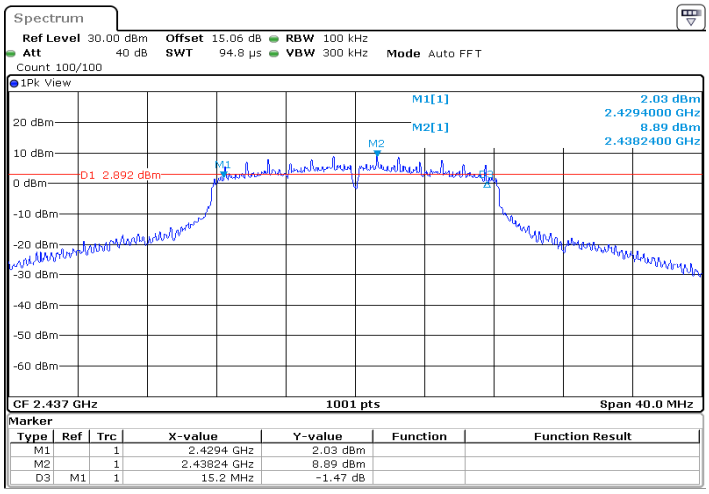

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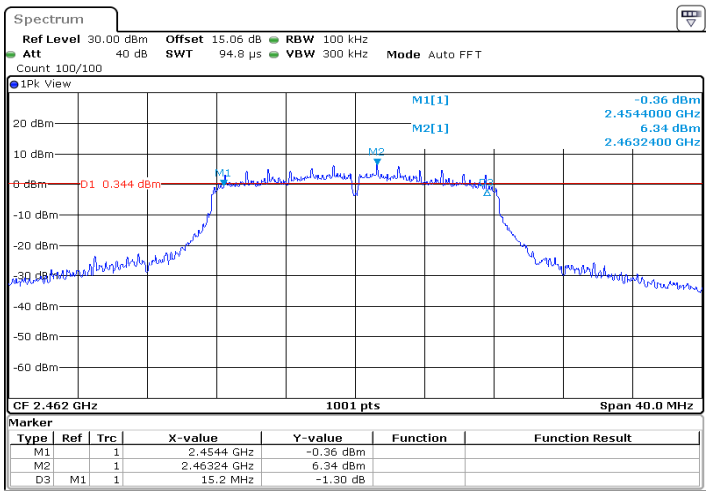

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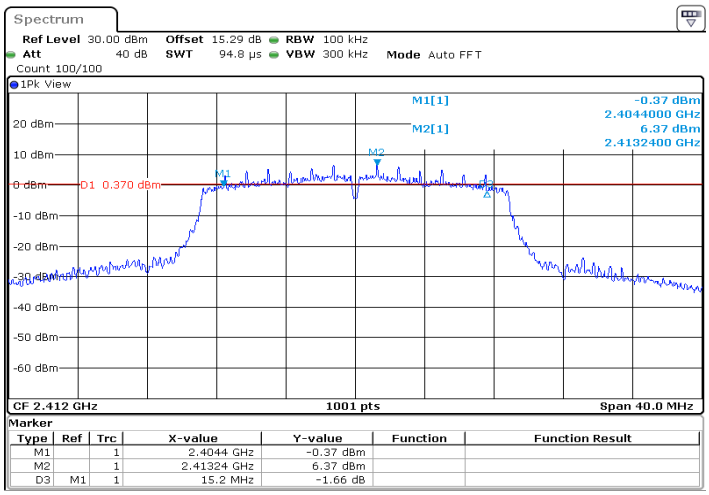
11N20_Ant1_2412



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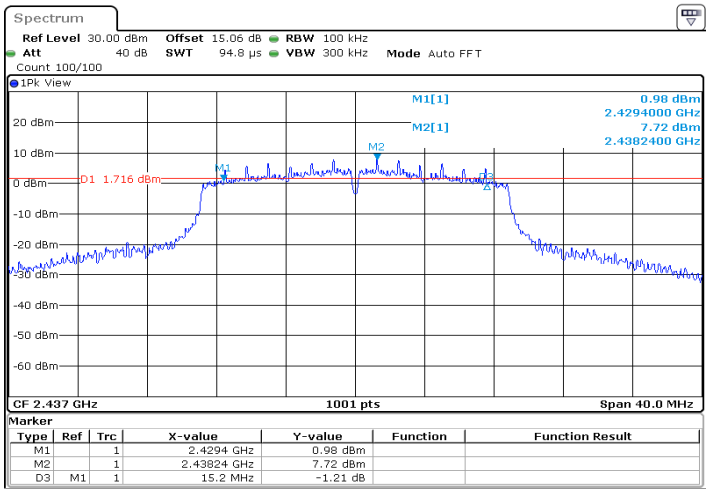

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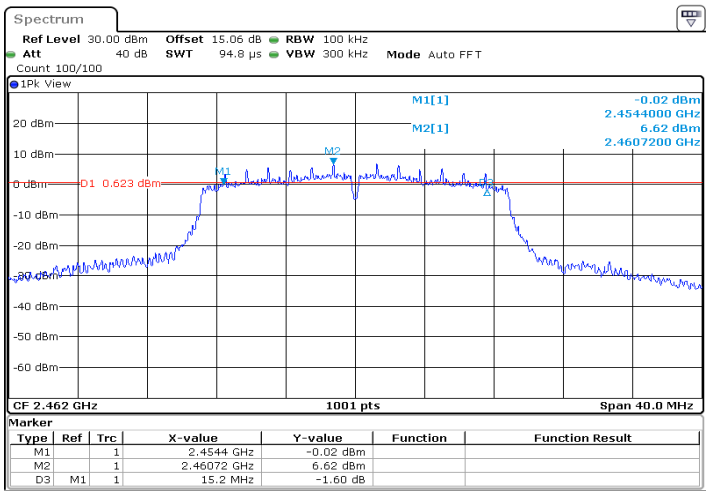

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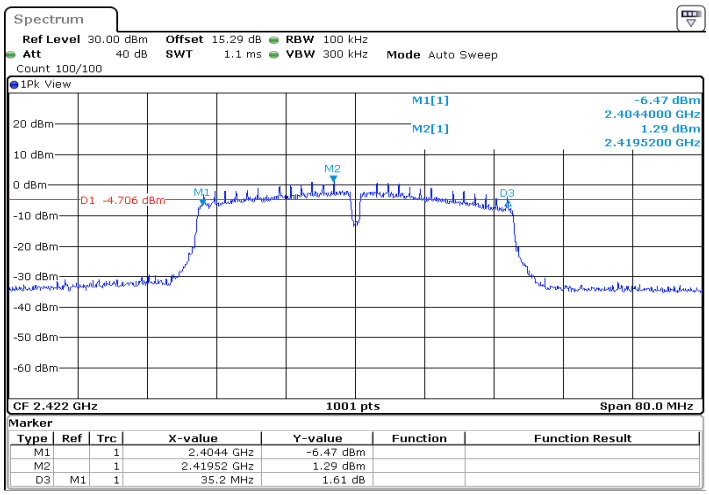
11N40_Ant1_2422



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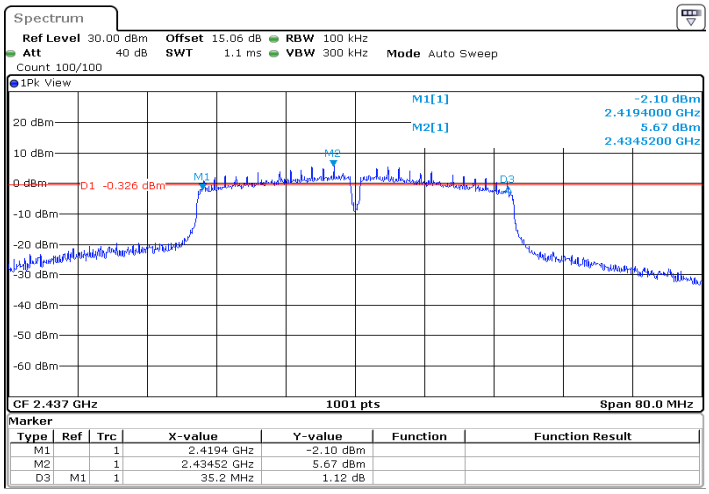
11N40_Ant1_2437



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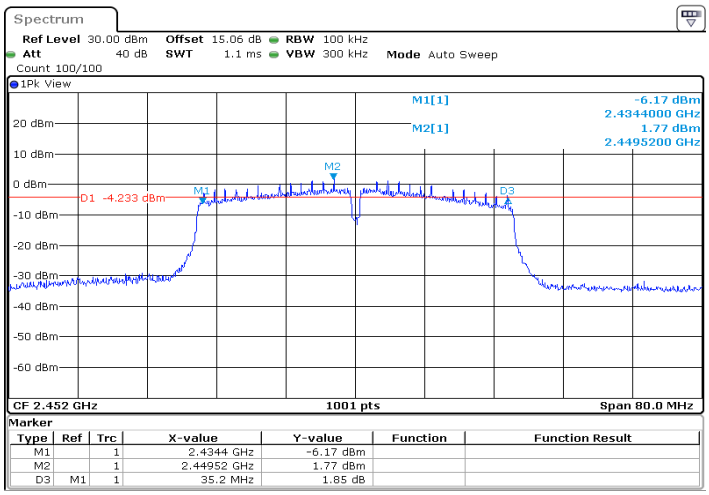
11N40_Ant1_2452



Date: 17.MAR.2020 17:22:58

Appendix C: Maximum conducted peak output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	23.56	<=30	PASS
	Ant2	2412	23.45	<=30	PASS
	total	2412	26.52	<=30	PASS
	Ant1	2437	22.88	<=30	PASS
	Ant2	2437	23.07	<=30	PASS
	total	2437	25.97	<=30	PASS
	Ant1	2462	21.96	<=30	PASS
	Ant2	2462	22.29	<=30	PASS
	total	2462	25.14	<=30	PASS
11G	Ant1	2412	24.91	<=30	PASS
	Ant2	2412	25.38	<=30	PASS
	total	2412	28.16	<=30	PASS
	Ant1	2437	26.97	<=30	PASS
	Ant2	2437	27.58	<=30	PASS
	total	2437	29.93	<=30	PASS
	Ant1	2462	24.49	<=30	PASS
	Ant2	2462	25.43	<=30	PASS
	total	2462	27.99	<=30	PASS
11N20	Ant1	2412	24.34	<=30	PASS
	Ant2	2412	24.48	<=30	PASS
	total	2412	27.42	<=30	PASS
	Ant1	2437	25.59	<=30	PASS
	Ant2	2437	25.78	<=30	PASS
	total	2437	28.70	<=30	PASS
	Ant1	2462	24.54	<=30	PASS
	Ant2	2462	25.08	<=30	PASS
	total	2462	28.33	<=30	PASS
11N40	Ant1	2422	22.00	<=30	PASS
	Ant2	2422	22.10	<=30	PASS
	total	2422	25.06	<=30	PASS
	Ant1	2437	26.45	<=30	PASS
	Ant2	2437	26.66	<=30	PASS
	total	2437	29.56	<=30	PASS
	Ant1	2452	22.44	<=30	PASS
	Ant2	2452	22.92	<=30	PASS
	total	2452	25.69	<=30	PASS

Appendix D: Maximum power spectral density

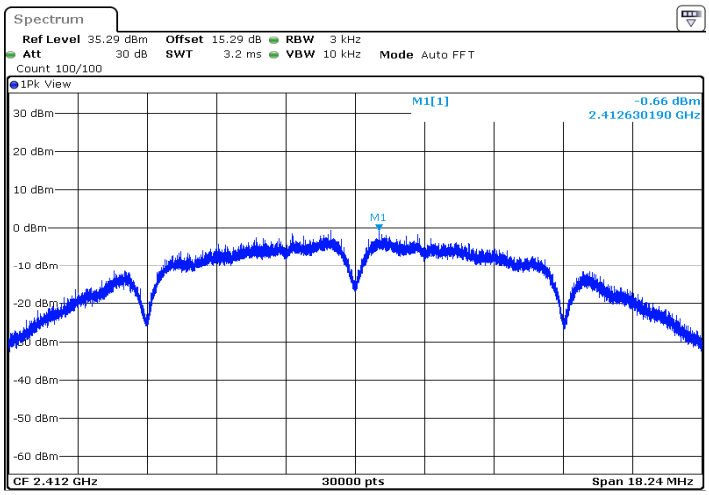
Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-0.66	<=6.5	PASS
	Ant2	2412	-0.62	<=6.5	PASS
	total	2412	2.37	<=6.5	PASS
	Ant1	2437	-1.33	<=6.5	PASS
	Ant2	2437	-0.98	<=6.5	PASS
	total	2437	1.86	<=6.5	PASS
	Ant1	2462	-2.14	<=6.5	PASS
	Ant2	2462	-2.24	<=6.5	PASS
	total	2462	0.83	<=6.5	PASS
11G	Ant1	2412	-6.83	<=6.5	PASS
	Ant2	2412	-5.71	<=6.5	PASS
	total	2412	-3.22	<=6.5	PASS
	Ant1	2437	-3.45	<=6.5	PASS
	Ant2	2437	-3.88	<=6.5	PASS
	total	2437	-0.25	<=6.5	PASS
	Ant1	2462	-7.24	<=6.5	PASS
	Ant2	2462	-5.6	<=6.5	PASS
	total	2462	-3.33	<=6.5	PASS
11N20	Ant1	2412	-6.7	<=6.5	PASS
	Ant2	2412	-5.99	<=6.5	PASS
	total	2412	-3.32	<=6.5	PASS
	Ant1	2437	-4.44	<=6.5	PASS
	Ant2	2437	-6.44	<=6.5	PASS
	total	2437	-2.32	<=6.5	PASS
	Ant1	2462	-5.83	<=6.5	PASS
	Ant2	2462	-5.91	<=6.5	PASS
	total	2462	-2.86	<=6.5	PASS
11N40	Ant1	2422	-12.23	<=6.5	PASS
	Ant2	2422	-13.11	<=6.5	PASS
	total	2422	-9.64	<=6.5	PASS
	Ant1	2437	-8.47	<=6.5	PASS
	Ant2	2437	-8.42	<=6.5	PASS
	total	2437	-5.43	<=6.5	PASS
	Ant1	2452	-12.63	<=6.5	PASS
	Ant2	2452	-11.64	<=6.5	PASS
	total	2452	-9.10	<=6.5	PASS

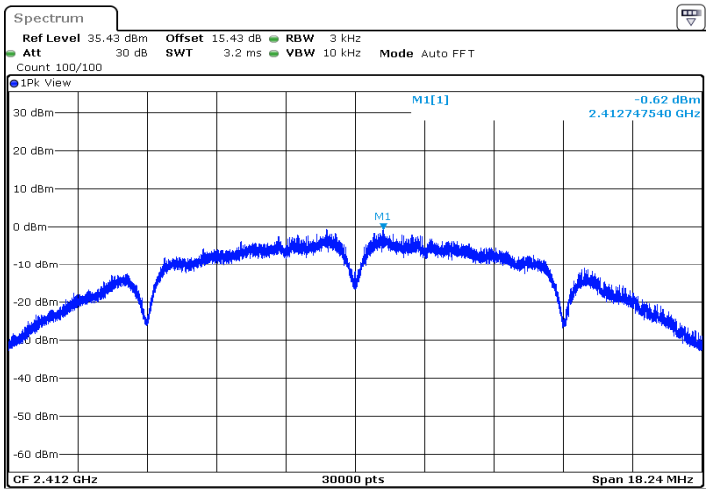
Note: Please refer to the report for the limit description.

Test Graphs

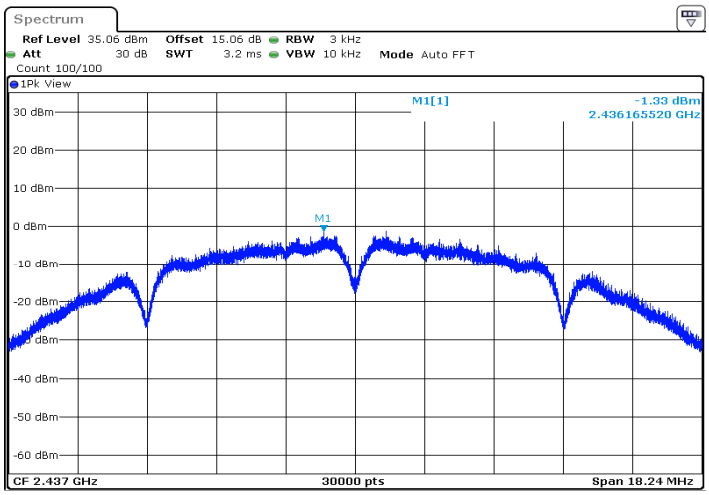
11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



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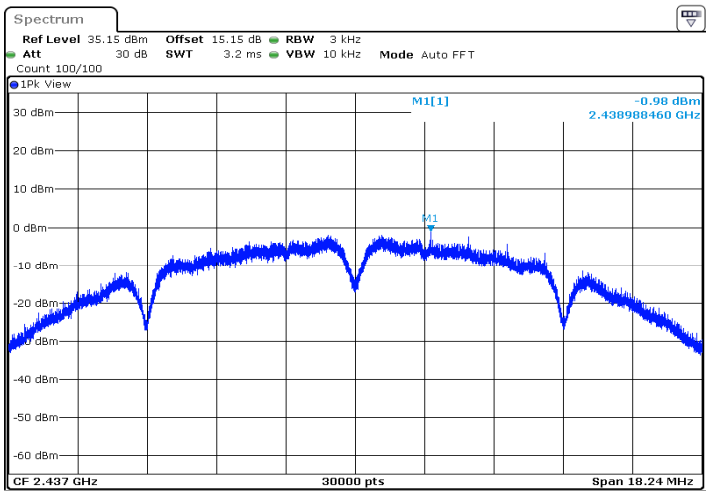

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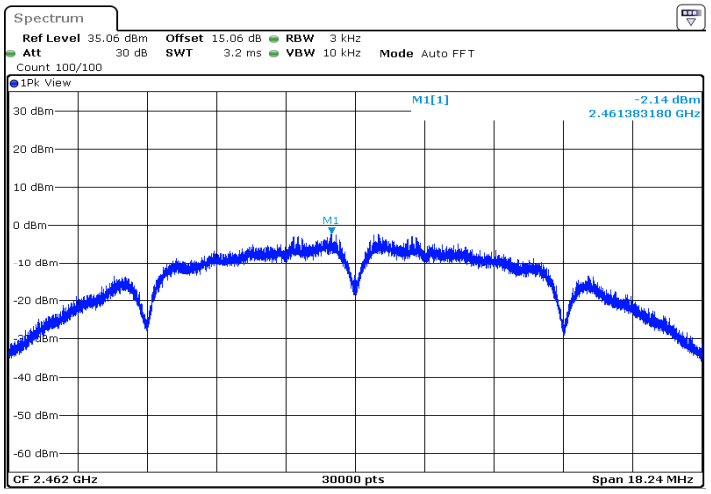

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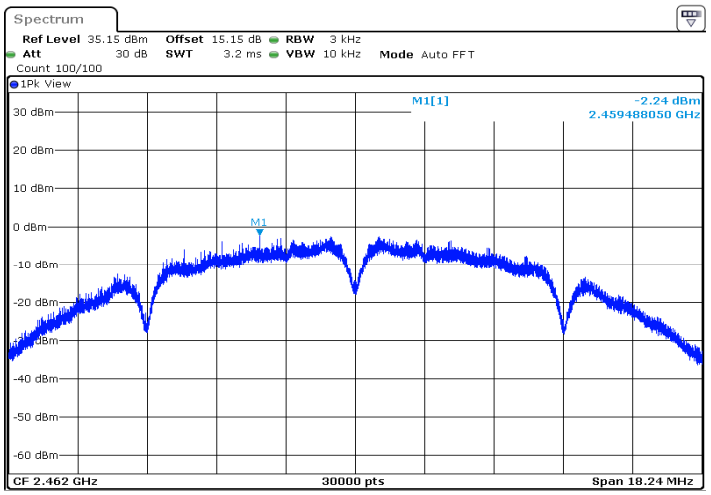

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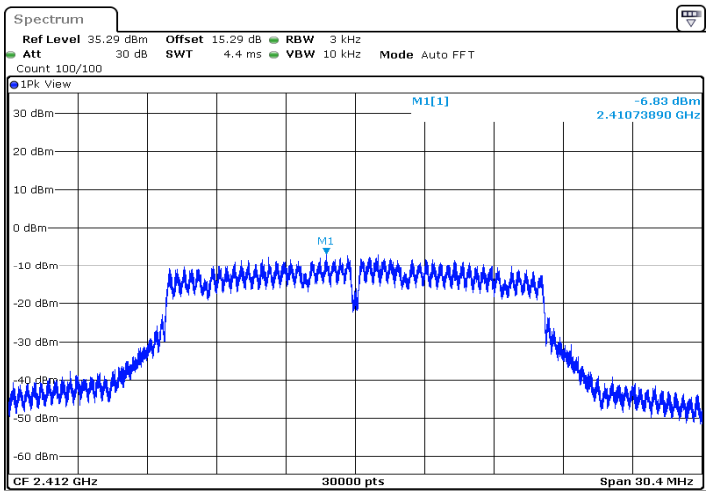

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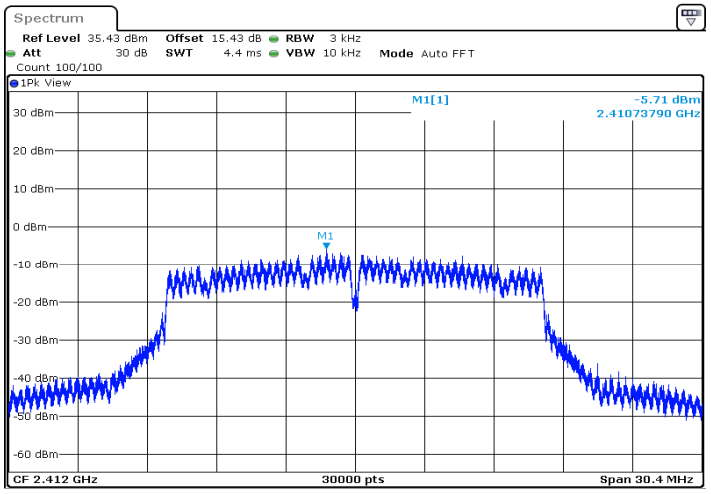

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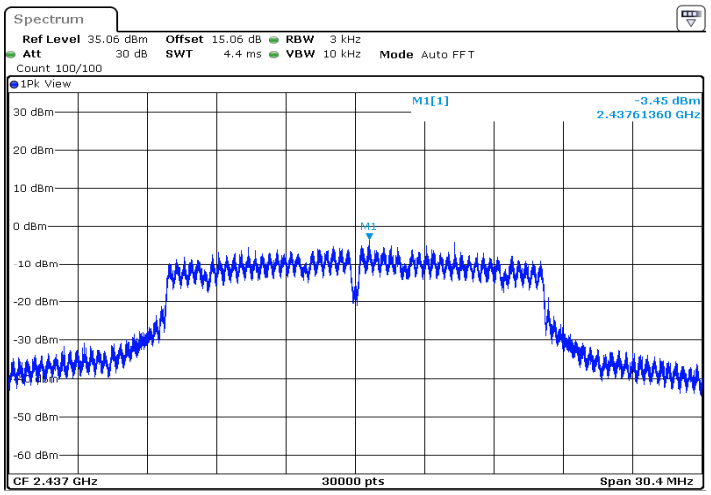

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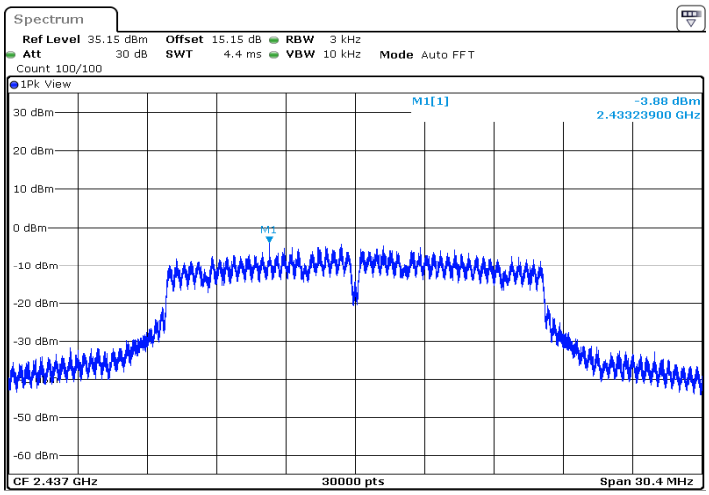

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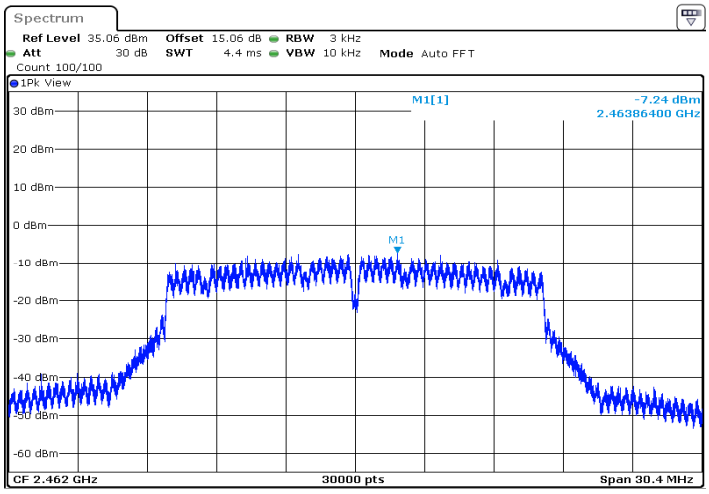

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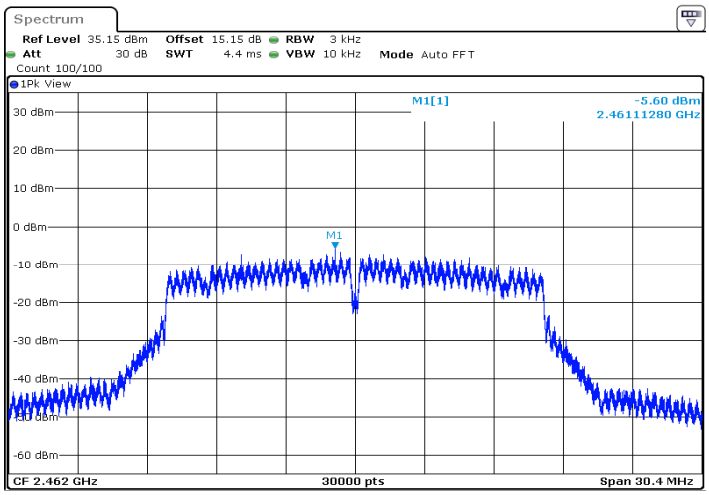

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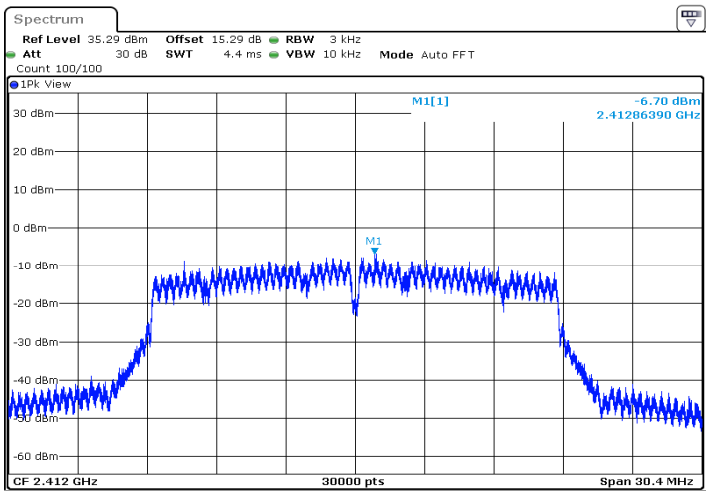

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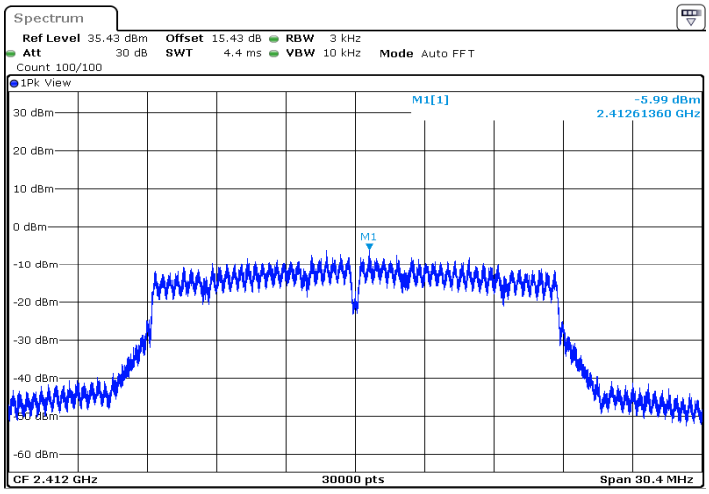

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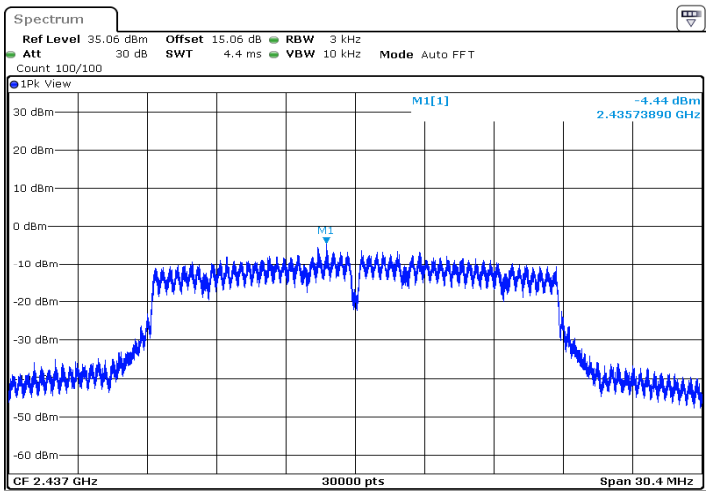

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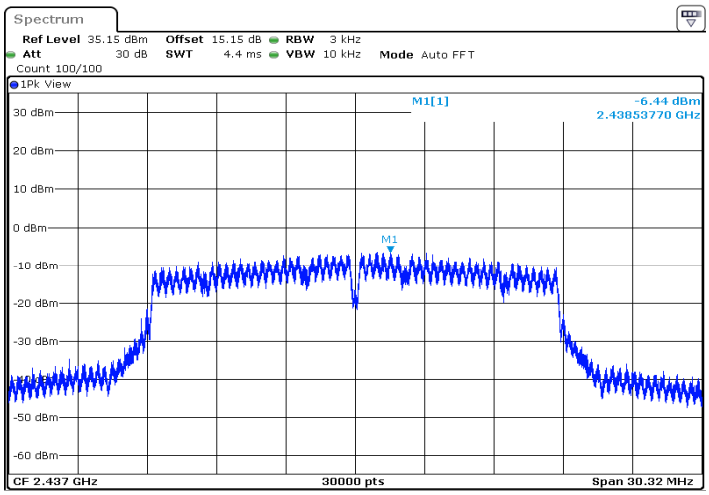

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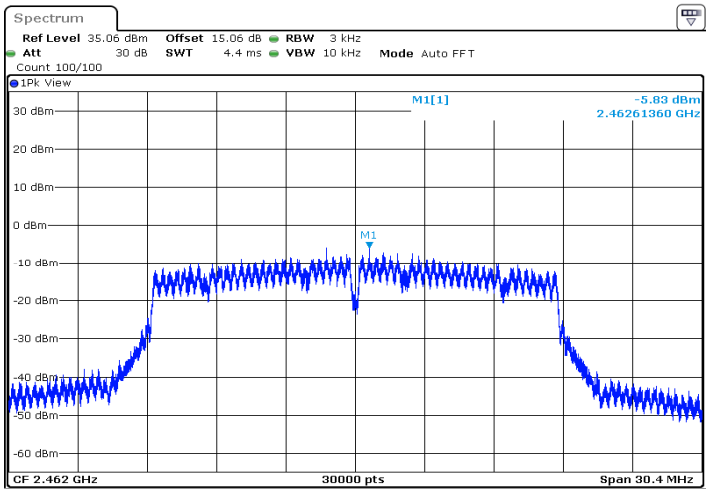

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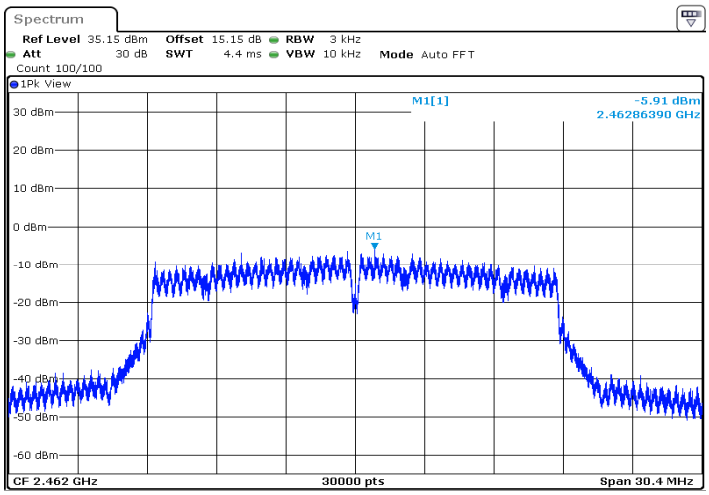

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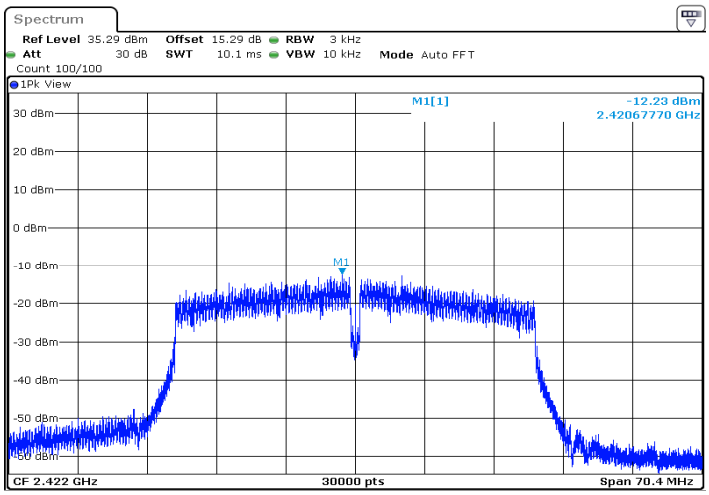

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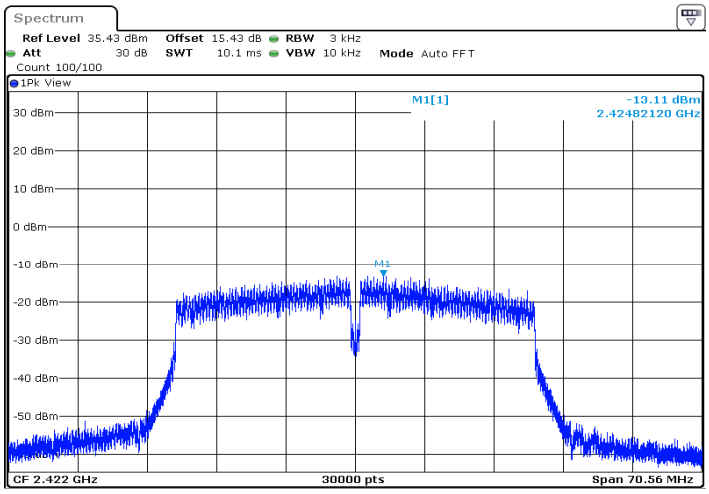

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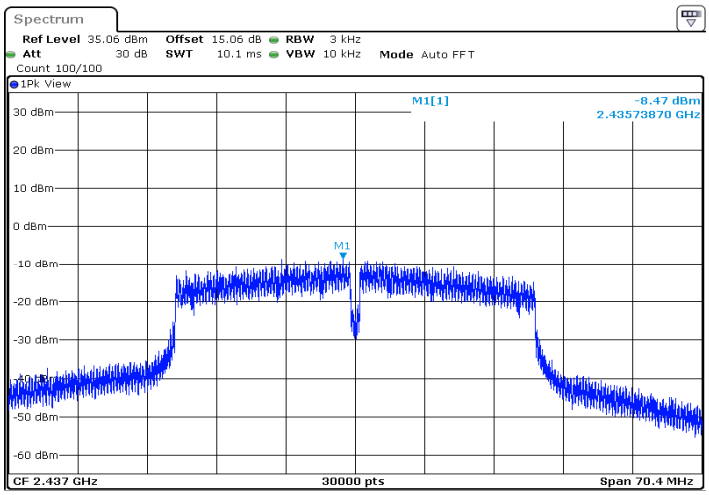

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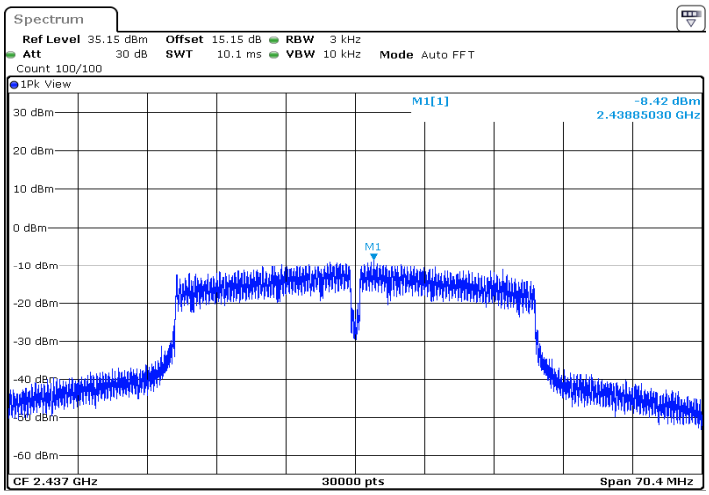

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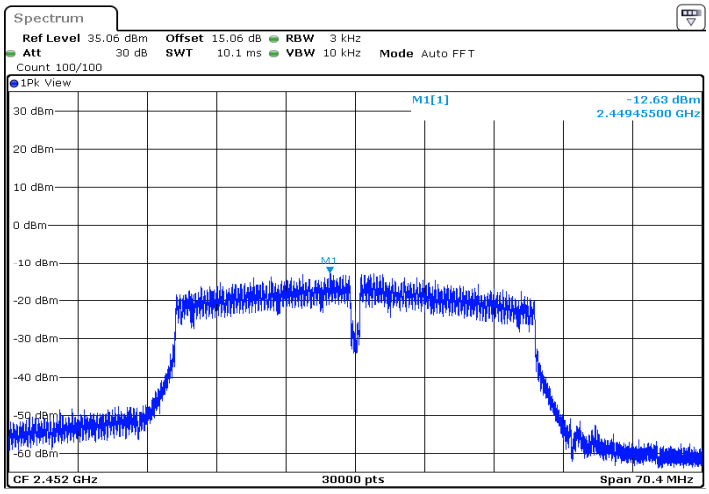

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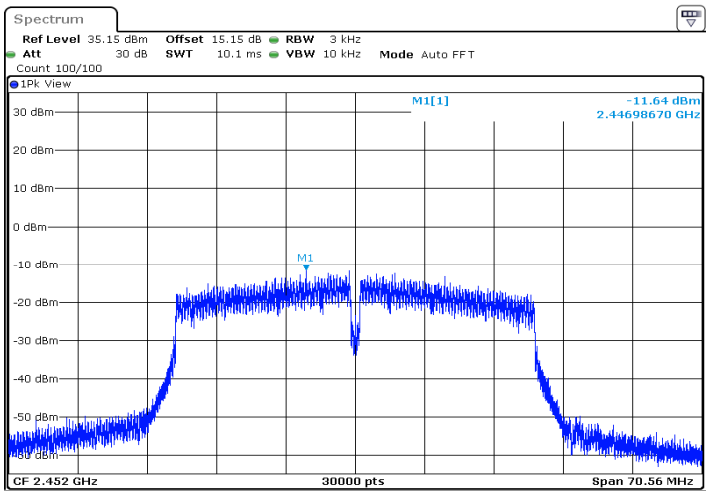
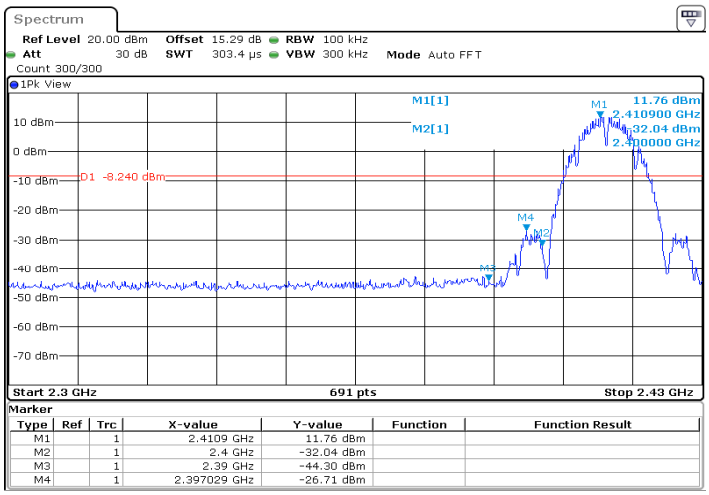


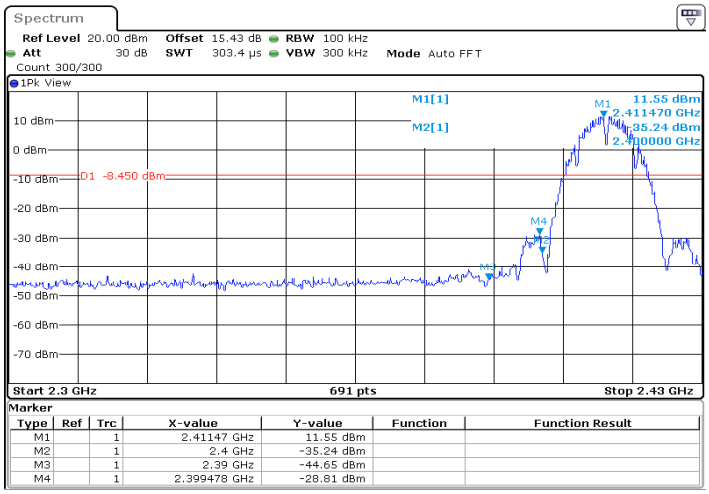
Appendix E: Band edge measurements

Test Graphs

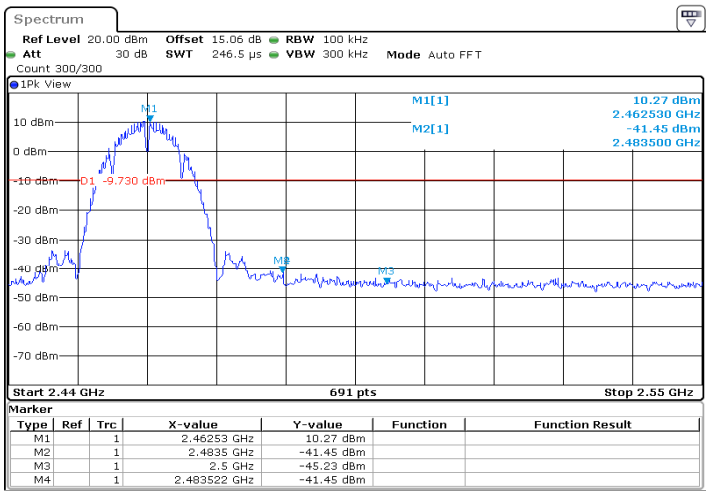
11B_Ant1_Low_2412



11B_Ant2_Low_2412



11B_Ant1_High_2462



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46253 GHz	10.27 dBm		
M2		1	2.4835 GHz	-41.45 dBm		
M3		1	2.5 GHz	-45.23 dBm		
M4		1	2.483522 GHz	-41.45 dBm		

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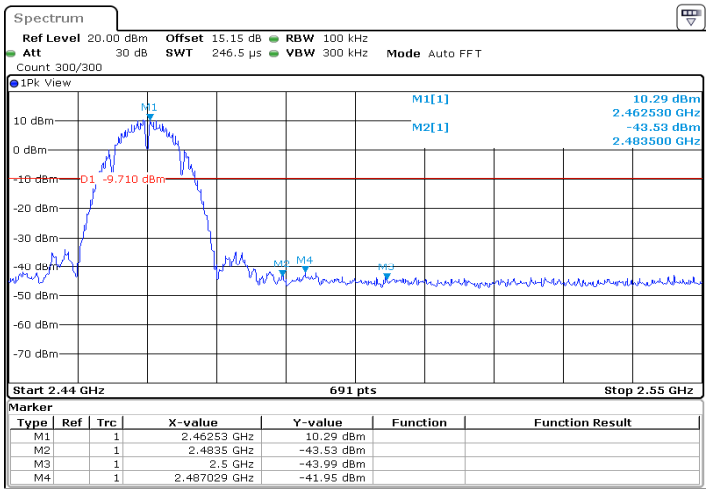
11B_Ant2_High_2462

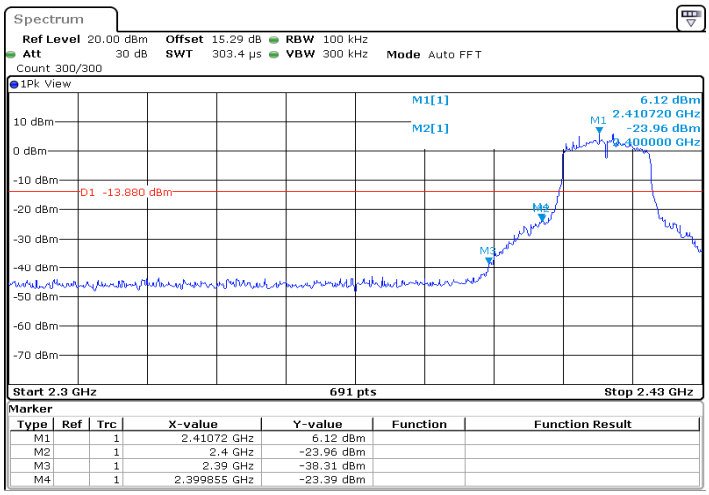


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46253 GHz	10.29 dBm		
M2		1	2.4835 GHz	-43.53 dBm		
M3		1	2.5 GHz	-43.99 dBm		
M4		1	2.487029 GHz	-41.95 dBm		

Date: 17.MAR.2020 17:31:40

11G_Ant1_Low_2412

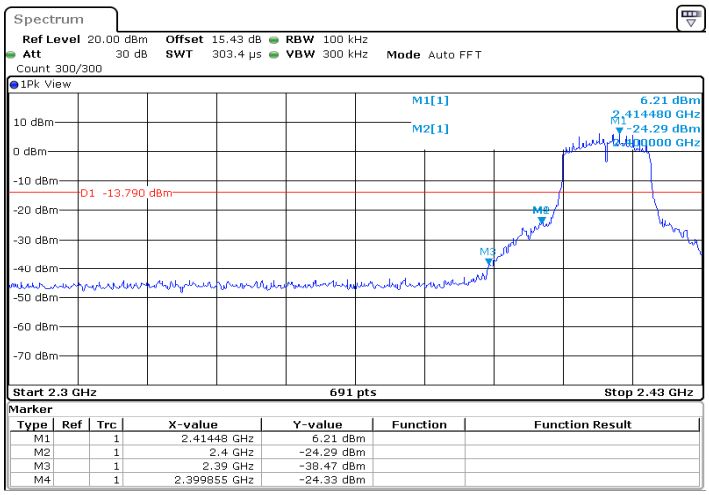


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41072 GHz	6.12 dBm		
M2		1	2.4 GHz	-23.96 dBm		
M3		1	2.39 GHz	-38.31 dBm		
M4		1	2.399855 GHz	-23.39 dBm		

Date: 18.MAR.2020 10:39:00

11G_Ant2_Low_2412

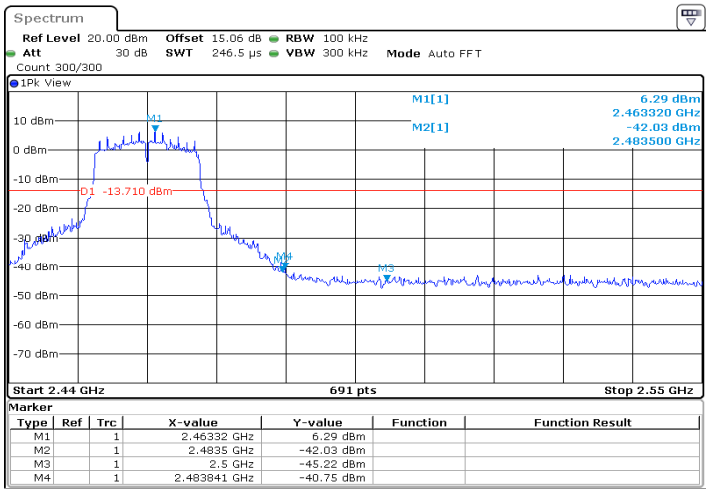


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41448 GHz	6.21 dBm		
M2		1	2.4 GHz	-24.29 dBm		
M3		1	2.39 GHz	-38.47 dBm		
M4		1	2.399855 GHz	-24.33 dBm		

Date: 18.MAR.2020 10:42:52

11G_Ant1_High_2462

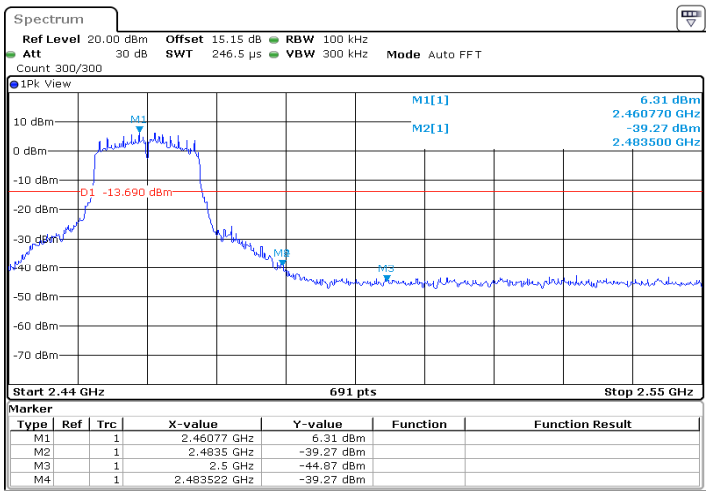


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46332 GHz	6.29 dBm		
M2		1	2.4835 GHz	-42.03 dBm		
M3		1	2.5 GHz	-45.22 dBm		
M4		1	2.483841 GHz	-40.75 dBm		

Date: 17.MAR.2020 17:12:46

11G_Ant2_High_2462

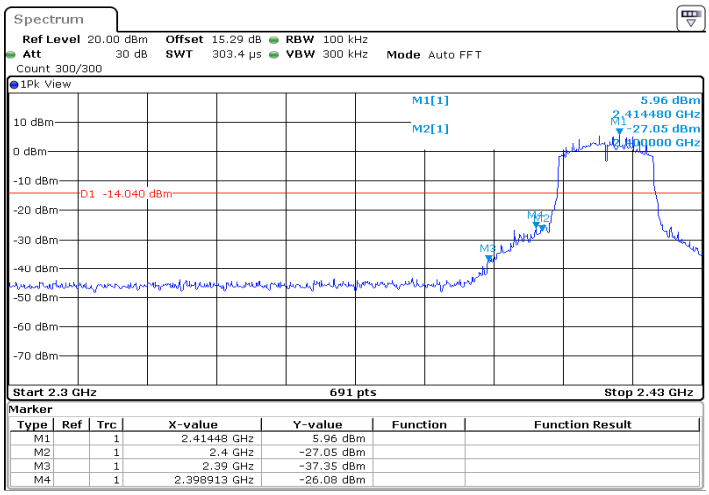


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46077 GHz	6.31 dBm		
M2		1	2.4835 GHz	-39.27 dBm		
M3		1	2.5 GHz	-44.87 dBm		
M4		1	2.483522 GHz	-39.27 dBm		

Date: 17.MAR.2020 17:40:00

11N20_Ant1_Low_2412

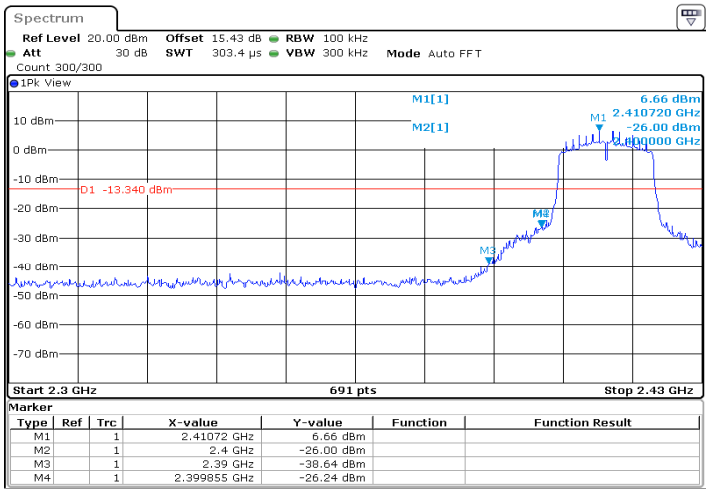


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41448 GHz	5.96 dBm		
M2		1	2.4 GHz	-27.05 dBm		
M3		1	2.39 GHz	-37.35 dBm		
M4		1	2.398913 GHz	-26.08 dBm		

Date: 17.MAR.2020 17:14:38

11N20_Ant2_Low_2412

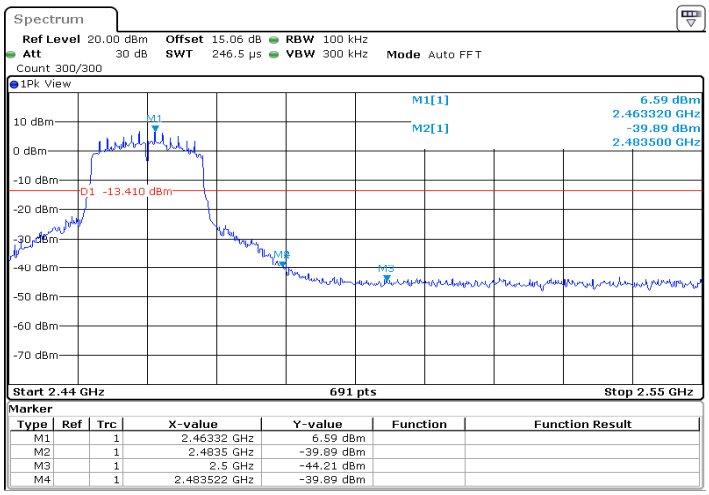


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41072 GHz	6.66 dBm		
M2		1	2.4 GHz	-26.00 dBm		
M3		1	2.39 GHz	-38.64 dBm		
M4		1	2.399855 GHz	-26.24 dBm		

Date: 17.MAR.2020 17:42:14

11N20_Ant1_High_2462

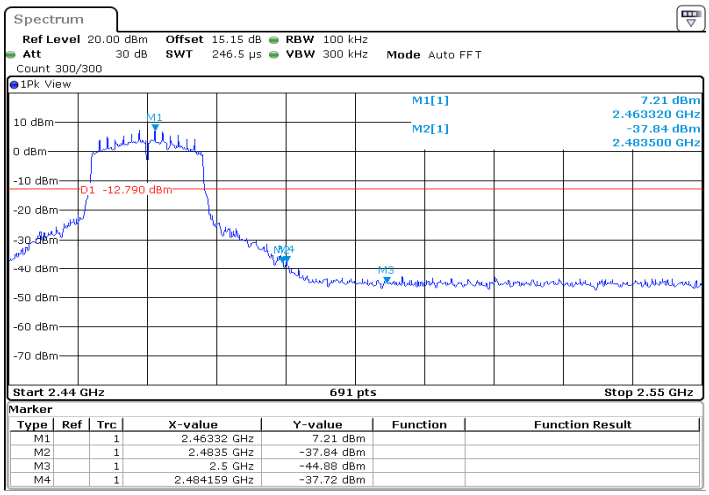


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46332 GHz	6.59 dBm		
M2		1	2.4835 GHz	-39.89 dBm		
M3		1	2.5 GHz	-44.21 dBm		
M4		1	2.483522 GHz	-39.89 dBm		

Date: 17.MAR.2020 17:18:05

11N20_Ant2_High_2462

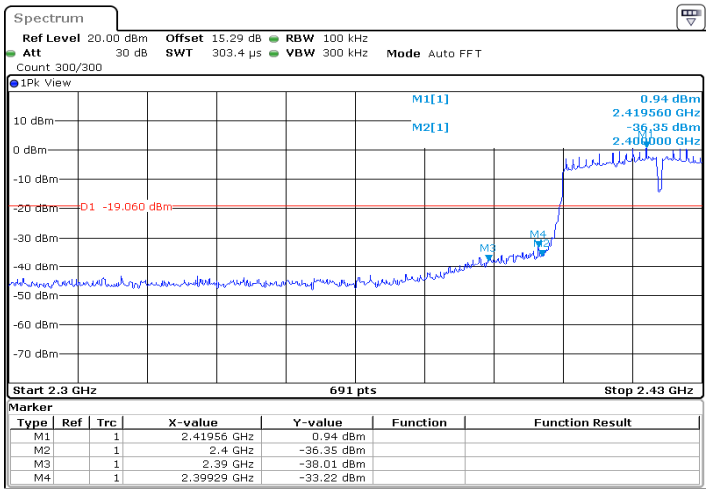


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46332 GHz	7.21 dBm		
M2		1	2.4835 GHz	-37.84 dBm		
M3		1	2.5 GHz	-44.88 dBm		
M4		1	2.484159 GHz	-37.72 dBm		

Date: 17.MAR.2020 17:46:02

11N40_Ant1_Low_2422

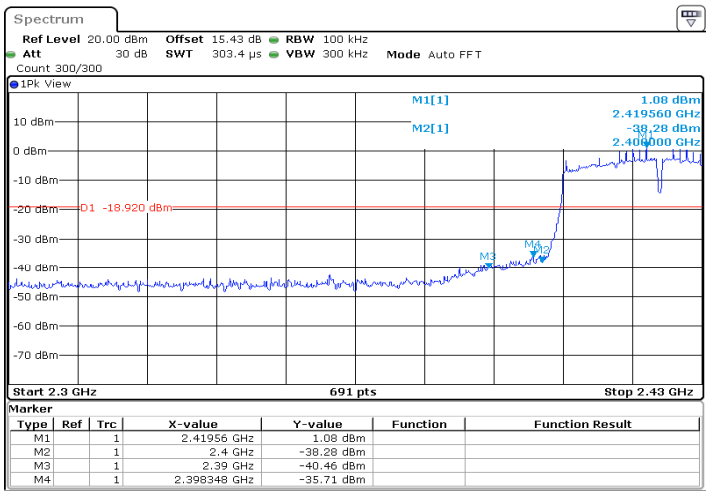


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41956 GHz	0.94 dBm		
M2		1	2.4 GHz	-36.35 dBm		
M3		1	2.39 GHz	-38.01 dBm		
M4		1	2.39929 GHz	-33.22 dBm		

Date: 17.MAR.2020 17:20:03

11N40_Ant2_Low_2422

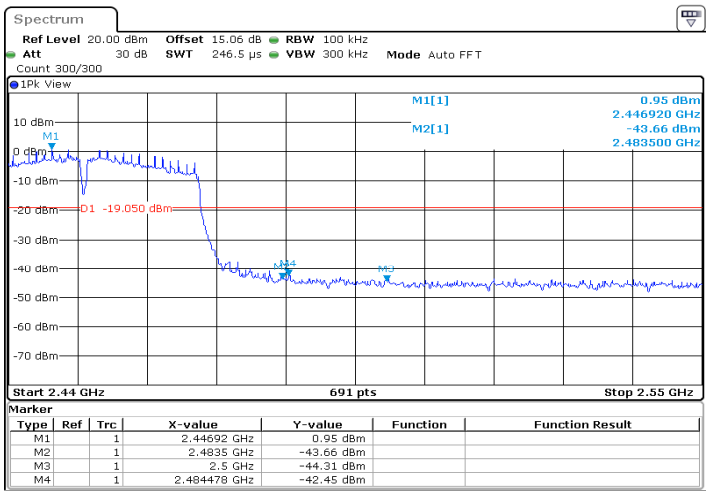


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41956 GHz	1.08 dBm		
M2		1	2.4 GHz	-38.28 dBm		
M3		1	2.39 GHz	-40.46 dBm		
M4		1	2.398348 GHz	-35.71 dBm		

Date: 17.MAR.2020 17:48:09

11N40_Ant1_High_2452

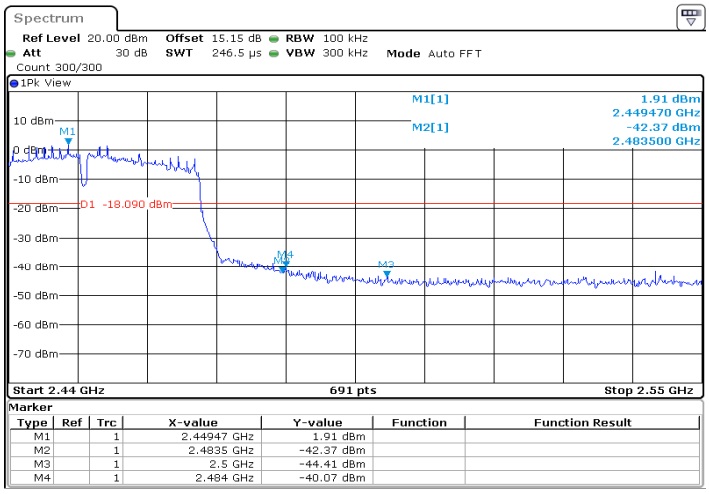


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44692 GHz	0.95 dBm		
M2		1	2.4835 GHz	-43.66 dBm		
M3		1	2.5 GHz	-44.31 dBm		
M4		1	2.484478 GHz	-42.45 dBm		

Date: 17.MAR.2020 17:23:31

11N40_Ant2_High_2452



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44947 GHz	1.91 dBm		
M2		1	2.4835 GHz	-42.37 dBm		
M3		1	2.5 GHz	-44.41 dBm		
M4		1	2.484 GHz	-40.07 dBm		

Date: 17.MAR.2020 17:51:30

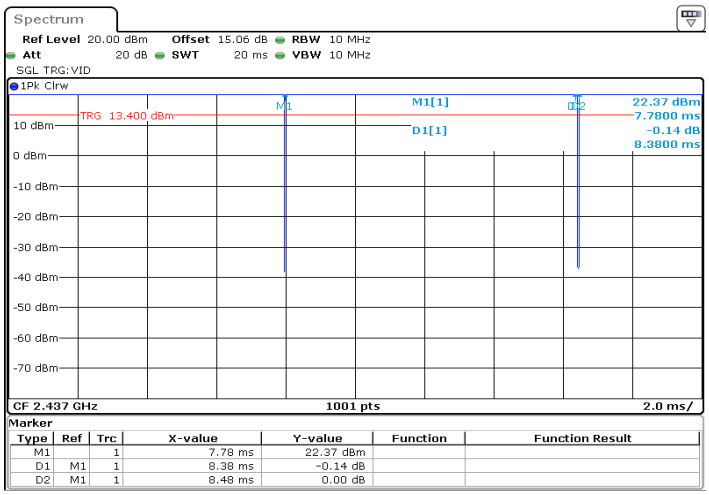
Appendix F: Duty Cycle

Test Result

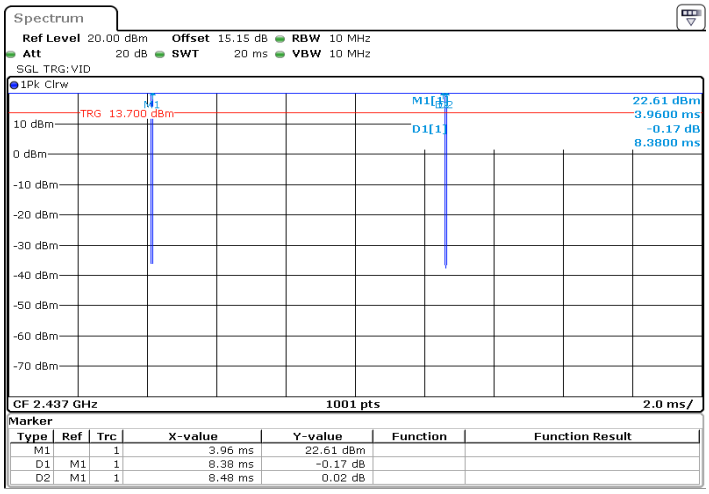
TestMode	Antenna	Channel	TransmissionDuration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	8.38	8.48	98.82
	Ant2	2437	8.38	8.48	98.82
11G	Ant1	2437	1.37	1.44	95.14
	Ant2	2437	1.38	1.45	95.17
11N20	Ant1	2437	1.29	1.36	94.85
	Ant2	2437	1.29	1.37	94.16
11N40	Ant1	2437	0.63	0.70	90.00
	Ant2	2437	0.63	0.70	90.00

Test Graphs

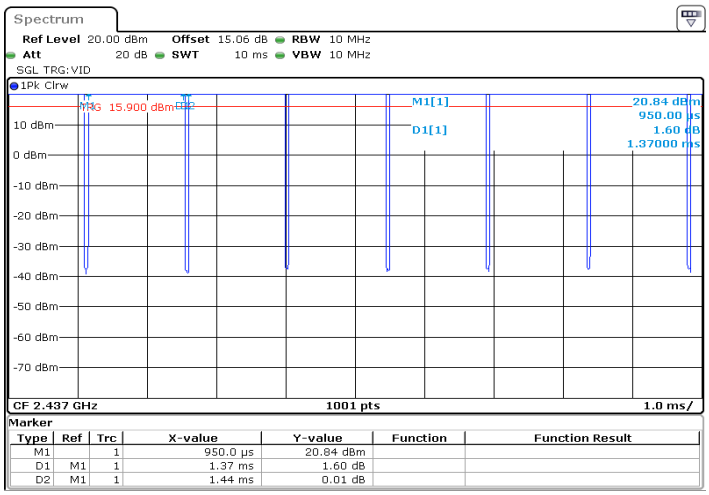
11B_Ant1_2437



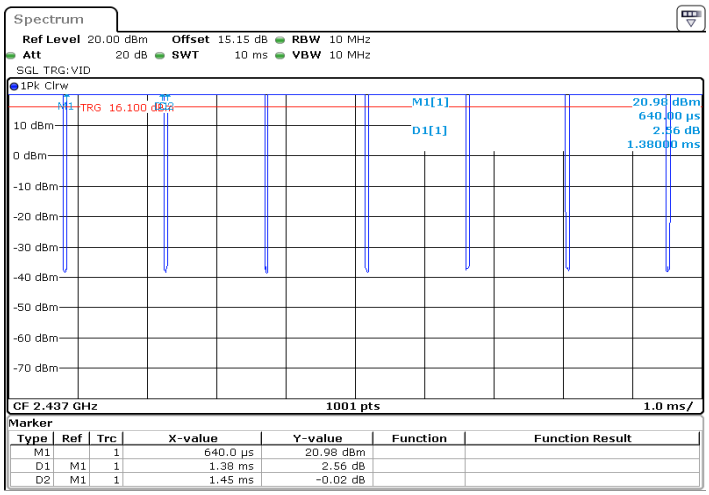
11B_Ant2_2437



11G_Ant1_2437

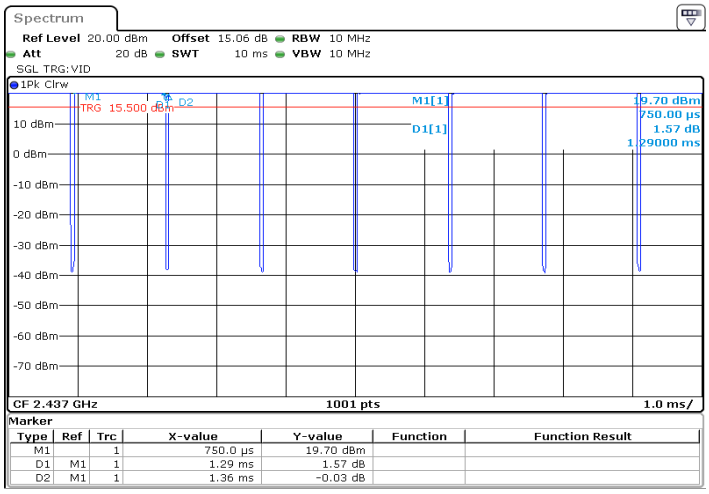


11G_Ant2_2437



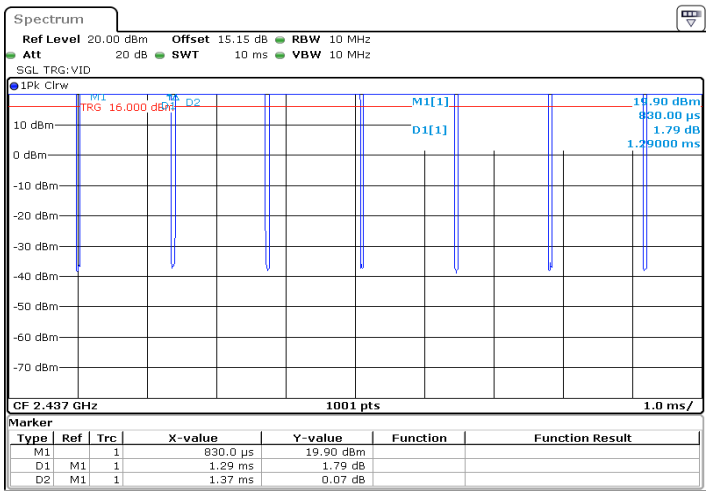
Date: 17.MAR.2020 17:37:14

11N20_Ant1_2437



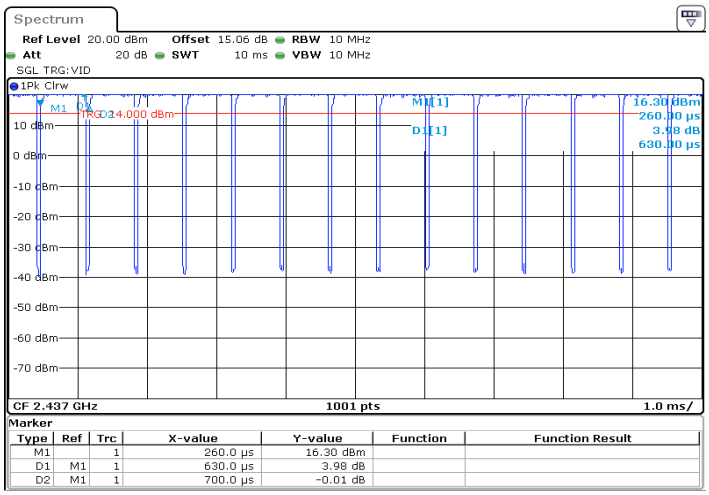
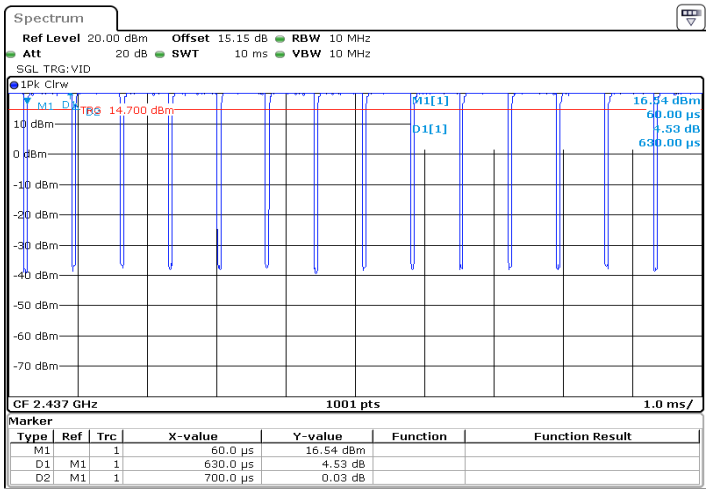
Date: 17.MAR.2020 17:15:44

11N20_Ant2_2437



Date: 17.MAR.2020 17:43:22

11N40_Ant1_2437



11N40_Ant2_2437