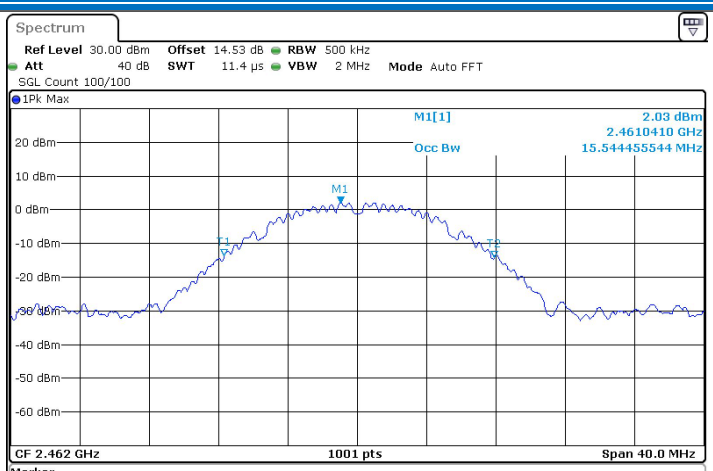
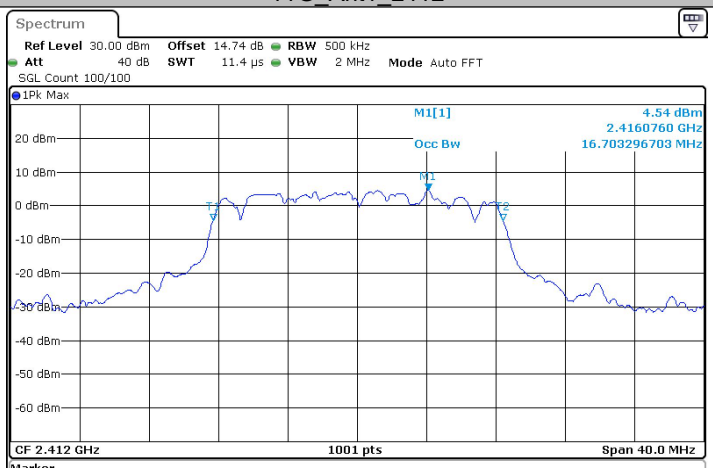


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.461041 GHz	2.03 dBm		
T1		1	2.4543277 GHz	-13.75 dBm	Occ Bw	15.544455544 MHz
T2		1	2.4698721 GHz	-14.07 dBm		

Date: 19.FEB.2025 15:12:20

11G_Ant1_2412

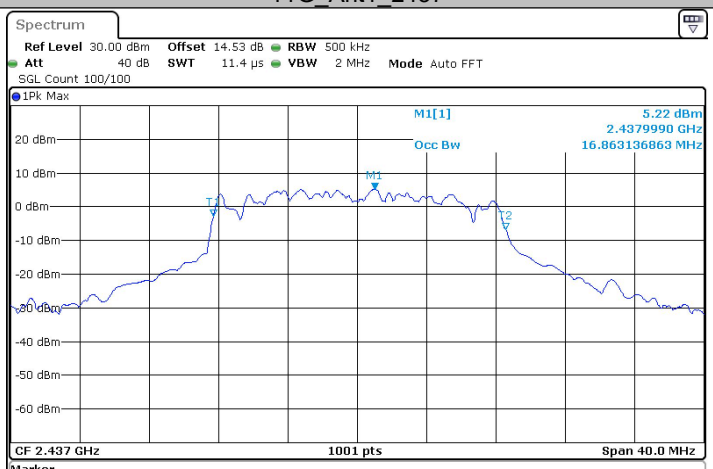


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.416076 GHz	4.54 dBm		
T1		1	2.4036883 GHz	-4.41 dBm	Occ Bw	16.703296703 MHz
T2		1	2.4203916 GHz	-4.46 dBm		

Date: 19.FEB.2025 15:14:21

11G_Ant1_2437

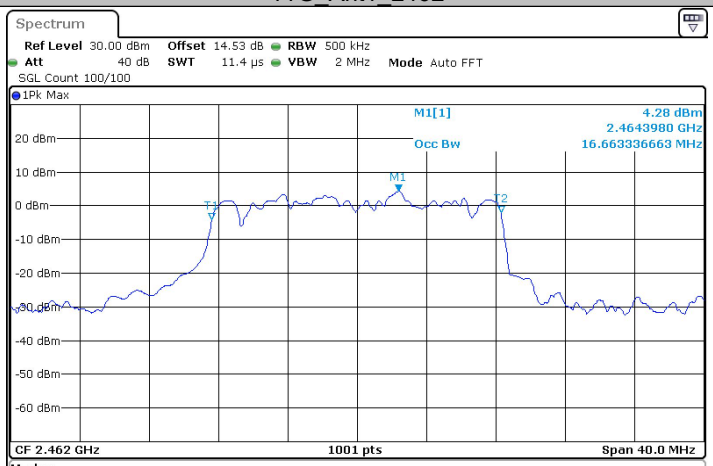


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437999 GHz	5.22 dBm		
T1		1	2.4286883 GHz	-2.79 dBm	Occ Bw	16.863136863 MHz
T2		1	2.4455514 GHz	-6.68 dBm		

Date: 19.FEB.2025 15:20:12

11G_Ant1_2462



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.464398 GHz	4.28 dBm		
T1		1	2.4536084 GHz	-4.15 dBm	Occ Bw	16.663336663 MHz
T2		1	2.4702717 GHz	-1.95 dBm		

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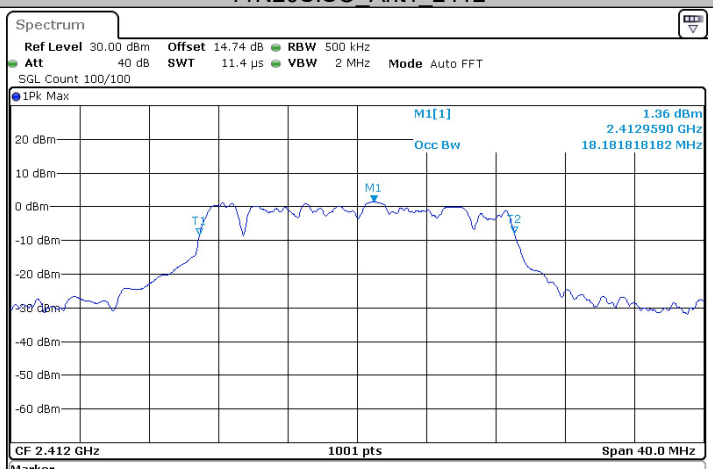
11N20SISO_Ant1_2412

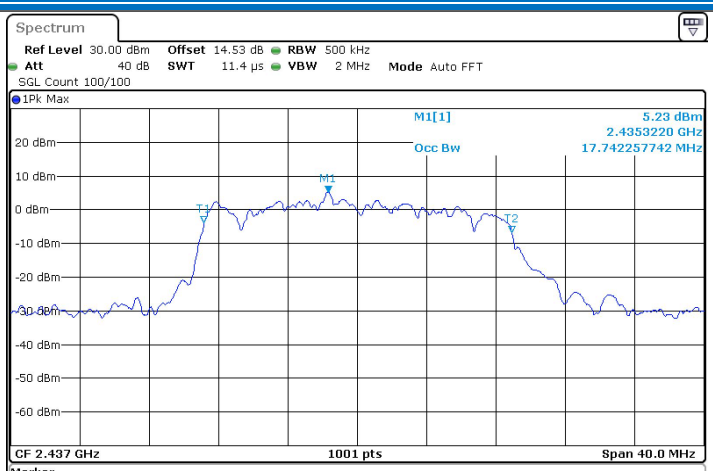


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412959 GHz	1.36 dBm		
T1		1	2.4028891 GHz	-8.32 dBm	Occ Bw	18.181818182 MHz
T2		1	2.4210709 GHz	-7.91 dBm		

Date: 19.FEB.2025 15:24:17

11N20SISO_Ant1_2437



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.435322 GHz	5.23 dBm		
T1		1	2.4281688 GHz	-3.81 dBm	Occ Bw	17.742257742 MHz
T2		1	2.4459111 GHz	-6.69 dBm		

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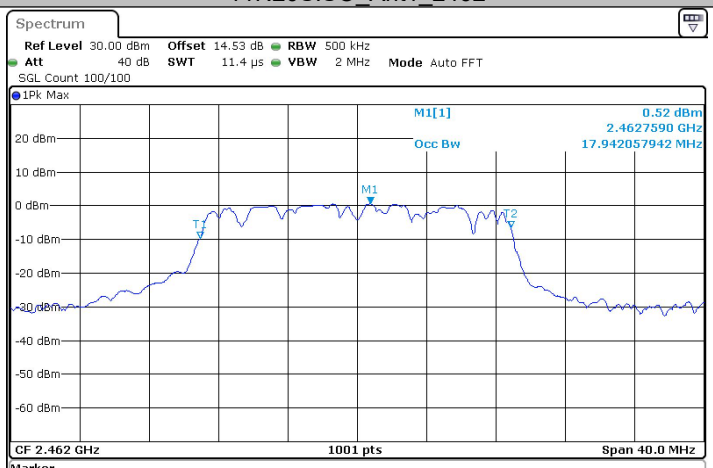
11N20SISO_Ant1_2462

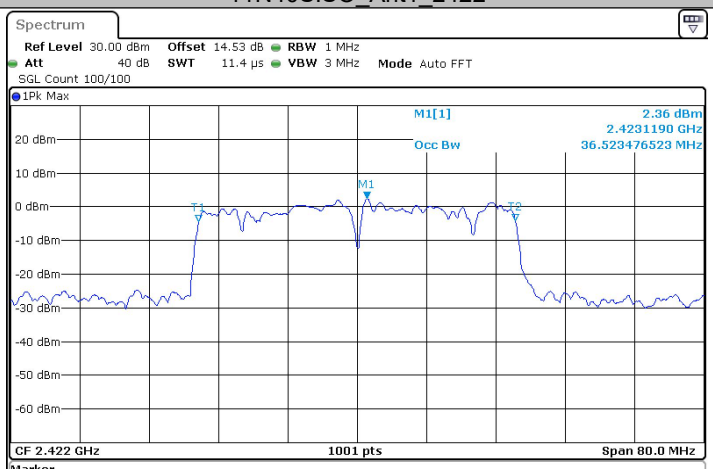


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462759 GHz	0.52 dBm		
T1		1	2.4529291 GHz	-9.75 dBm	Occ Bw	17.942057942 MHz
T2		1	2.4708711 GHz	-6.57 dBm		

Date: 19.FEB.2025 15:31:41

11N40SISO_Ant1_2422



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423119 GHz	2.36 dBm		
T1		1	2.4036983 GHz	-4.48 dBm	Occ Bw	36.523476523 MHz
T2		1	2.4402218 GHz	-4.08 dBm		

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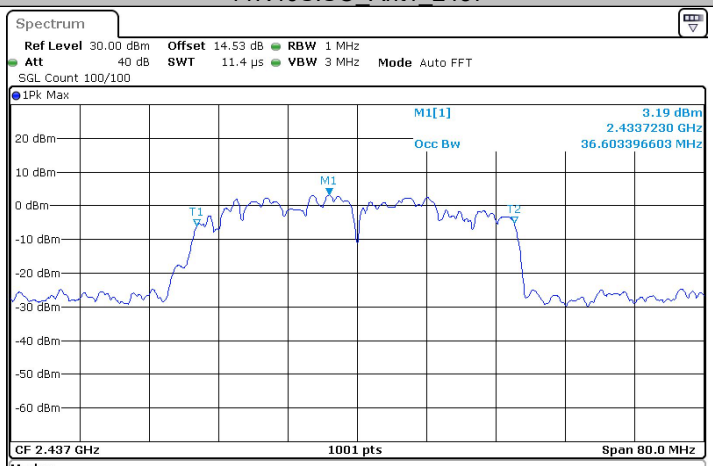
11N40SISO_Ant1_2437



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.433723 GHz	3.19 dBm		
T1		1	2.4184585 GHz	-6.09 dBm	Occ Bw	36.603396603 MHz
T2		1	2.4550619 GHz	-5.13 dBm		

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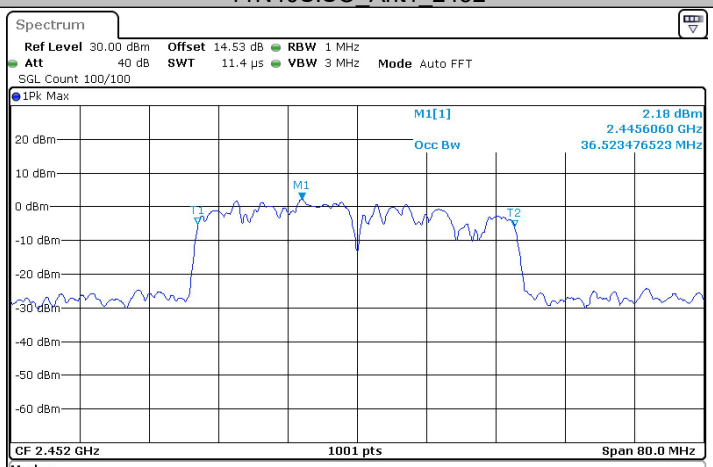
11N40SISO_Ant1_2452



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.445606 GHz	2.18 dBm		
T1		1	2.4336184 GHz	-5.17 dBm	Occ Bw	36.523476523 MHz
T2		1	2.4701419 GHz	-5.92 dBm		

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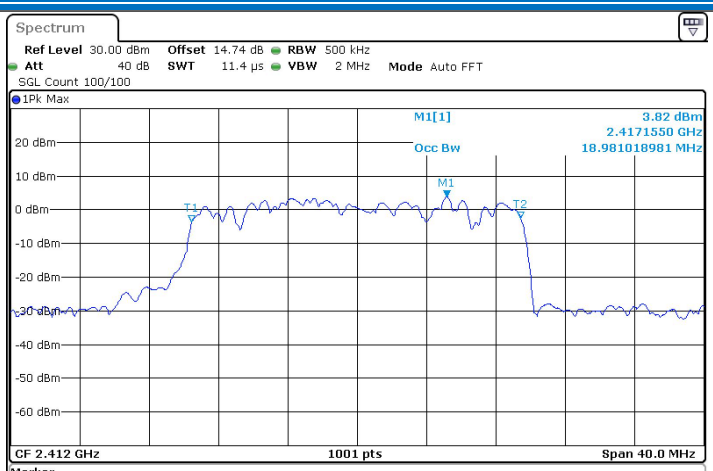
11AX20SISO_Ant1_2412



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.417155 GHz	3.82 dBm		
T1		1	2.4024496 GHz	-3.71 dBm	Occ Bw	18.981018981 MHz
T2		1	2.4214306 GHz	-2.53 dBm		

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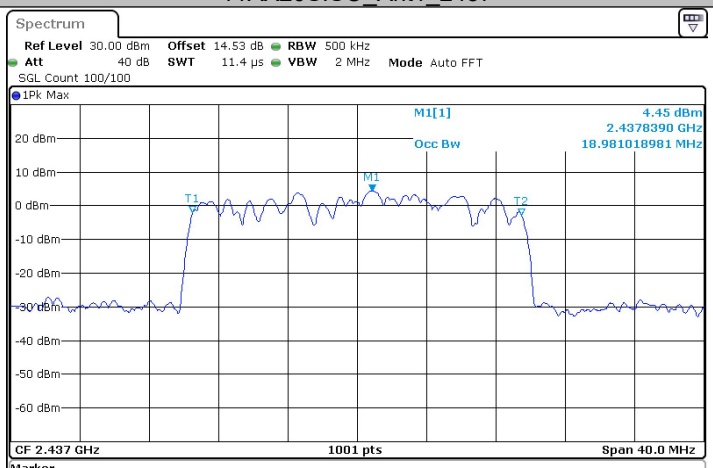
11AX20SISO_Ant1_2437

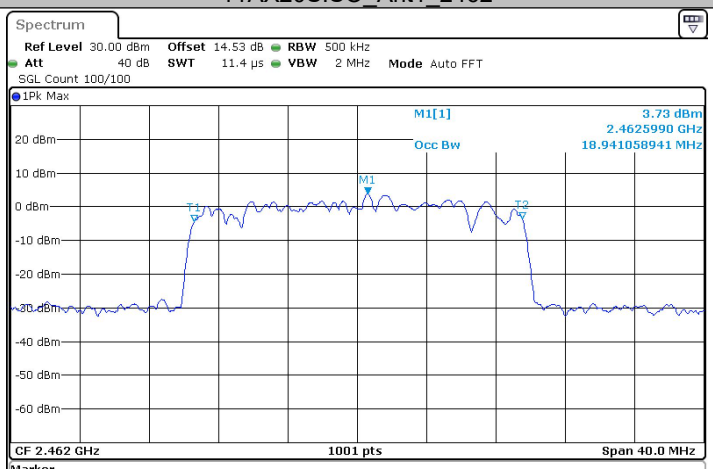


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437839 GHz	4.45 dBm		
T1		1	2.4274895 GHz	-2.12 dBm	Occ Bw	18.981018981 MHz
T2		1	2.4464705 GHz	-2.82 dBm		

Date: 19.FEB.2025 15:49:37

11AX20SISO_Ant1_2462



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462599 GHz	3.73 dBm		
T1		1	2.4525694 GHz	-4.42 dBm	Occ Bw	18.941058941 MHz
T2		1	2.4715105 GHz	-3.54 dBm		

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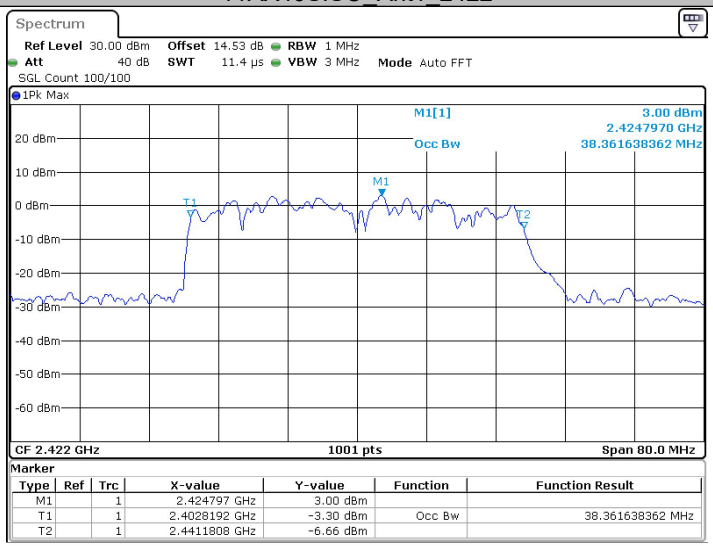
11AX40SISO_Ant1_2422



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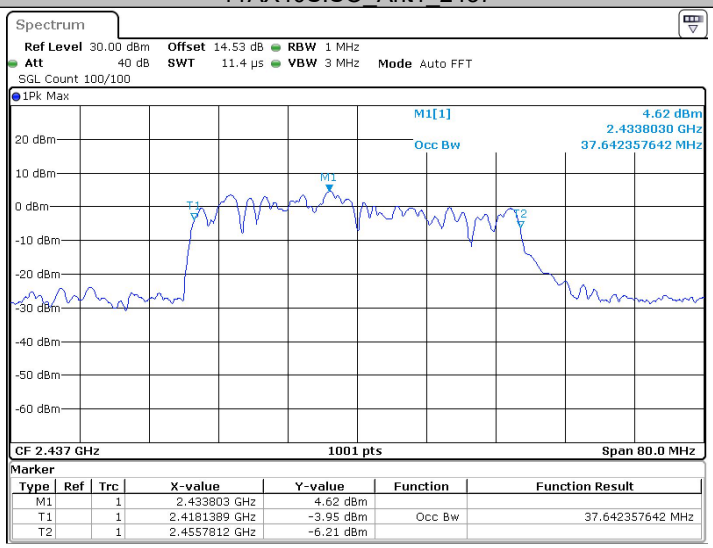
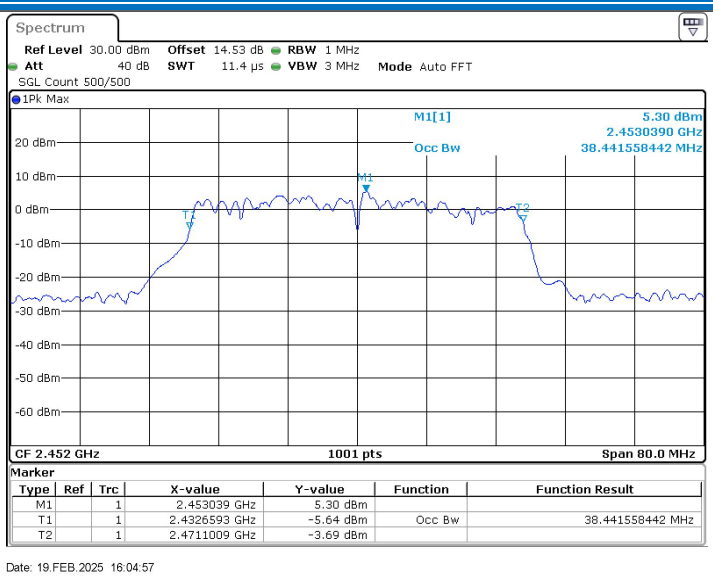


11AX40SISO_Ant1_2452

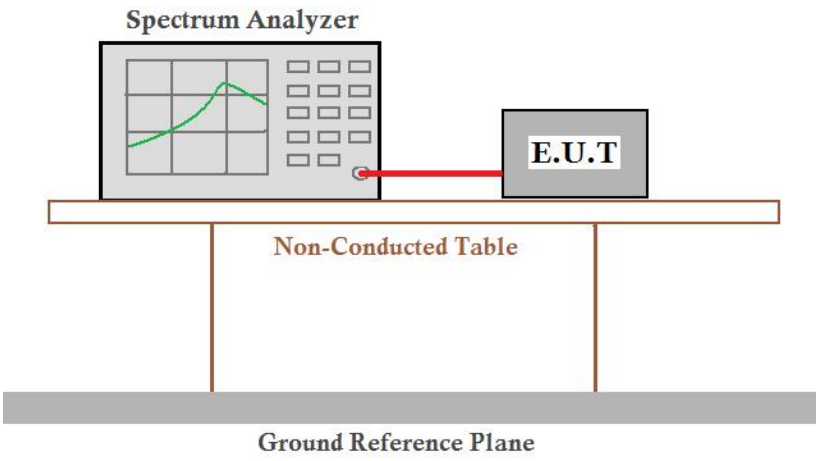


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.453039 GHz	5.30 dBm		
T1		1	2.4326593 GHz	-5.64 dBm	Occ Bw	38.441558442 MHz
T2		1	2.4711009 GHz	-3.69 dBm		

Date: 19.FEB.2025 16:04:57

5.5 6dB Occupied Bandwidth

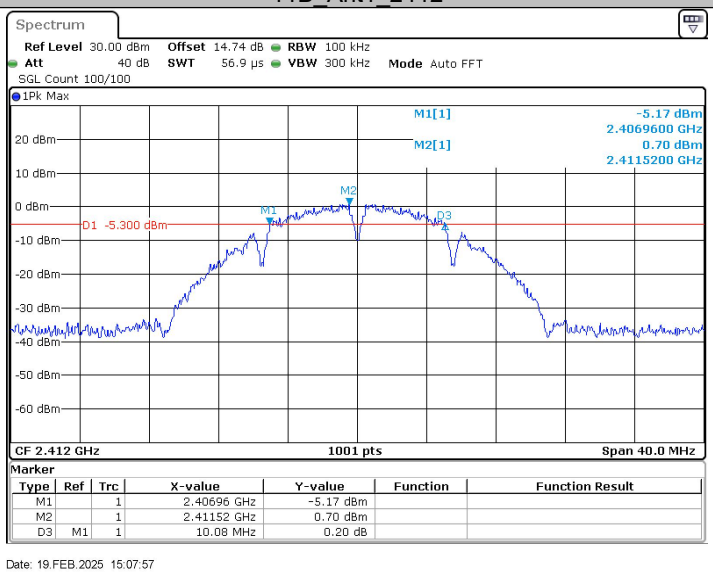
Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)
Test Method:	ANSI C63.10: 2013
Test Setup:	 Offset=cable loss+ attenuation factor
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Only the worst case is recorded in the report.
Limit:	≥ 500 kHz
Test Results:	Pass

Test Result

TestMode	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	10.08	2406.96	2417.04	0.5	PASS
	2437	9.56	2432.00	2441.56	0.5	PASS
	2462	9.16	2457.44	2466.60	0.5	PASS
11G	2412	16.40	2403.80	2420.20	0.5	PASS
	2437	16.40	2428.76	2445.16	0.5	PASS
	2462	16.44	2453.80	2470.24	0.5	PASS
11N20SISO	2412	17.64	2403.20	2420.84	0.5	PASS
	2437	17.60	2428.20	2445.80	0.5	PASS
	2462	17.60	2453.20	2470.80	0.5	PASS
11N40SISO	2422	36.32	2403.84	2440.16	0.5	PASS
	2437	36.24	2418.92	2455.16	0.5	PASS
	2452	33.52	2434.56	2468.08	0.5	PASS
11AX20SISO	2412	19.16	2402.40	2421.56	0.5	PASS
	2437	19.00	2427.52	2446.52	0.5	PASS
	2462	18.56	2452.76	2471.32	0.5	PASS
11AX40SISO	2422	37.04	2403.68	2440.72	0.5	PASS
	2437	37.36	2418.20	2455.56	0.5	PASS
	2452	36.56	2433.04	2469.60	0.5	PASS

Test Graphs

11B_Ant1_2412

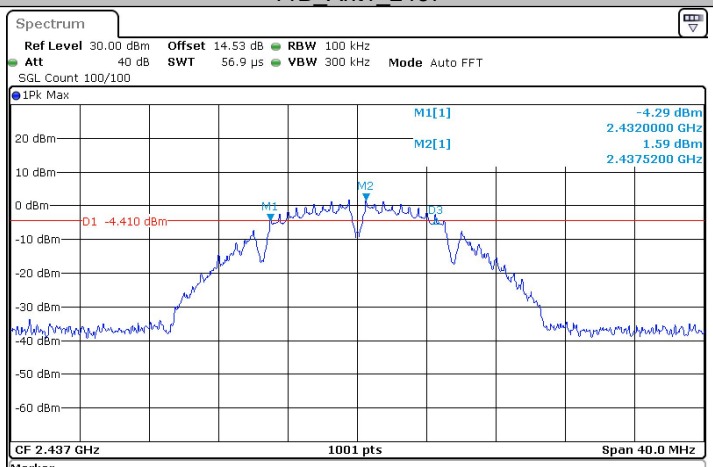


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40696 GHz	-5.17 dBm		
M2		1	2.41152 GHz	0.70 dBm		
D3	M1	1	10.08 MHz	0.20 dB		

Date: 19.FEB.2025 15:07:57

11B_Ant1_2437

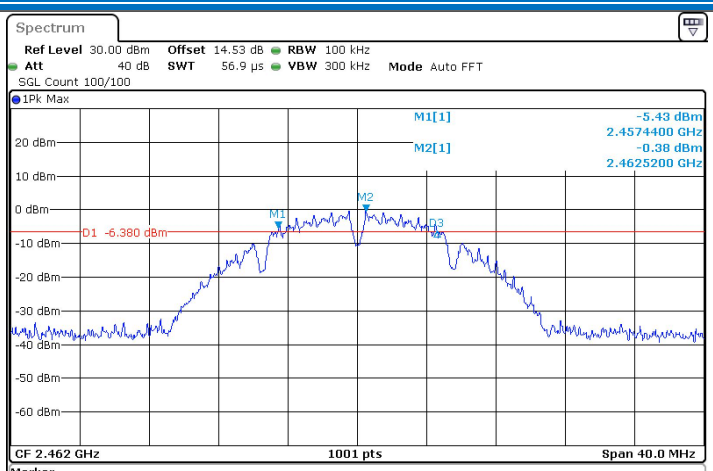


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.432 GHz	-4.29 dBm		
M2		1	2.43752 GHz	1.59 dBm		
D3	M1	1	9.56 MHz	0.79 dB		

Date: 19.FEB.2025 15:10:39

11B_Ant1_2462



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45744 GHz	-5.43 dBm		
M2		1	2.46252 GHz	-0.38 dBm		
D3	M1	1	9.16 MHz	-0.91 dB		

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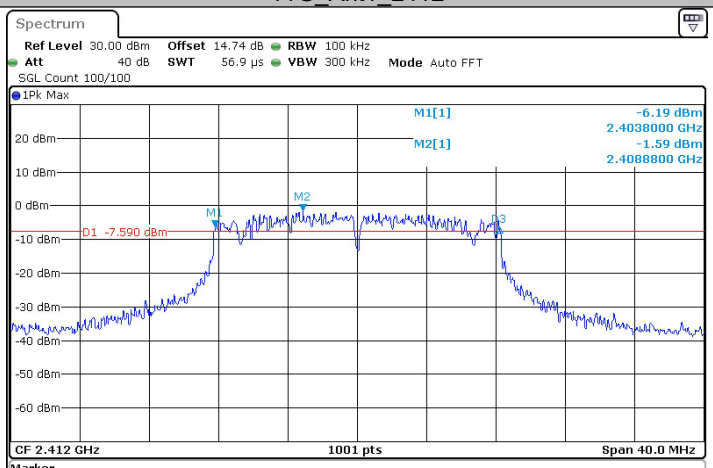
11G_Ant1_2412

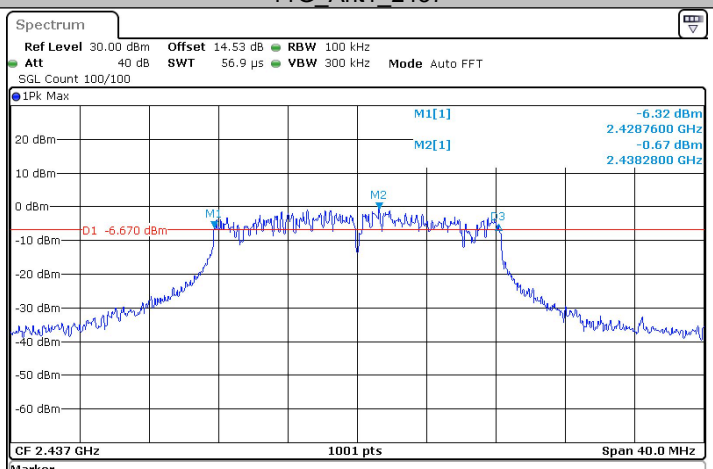


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4038 GHz	-6.19 dBm		
M2		1	2.40888 GHz	-1.59 dBm		
D3	M1	1	16.4 MHz	-0.12 dB		

Date: 19.FEB.2025 15:14:17

11G_Ant1_2437

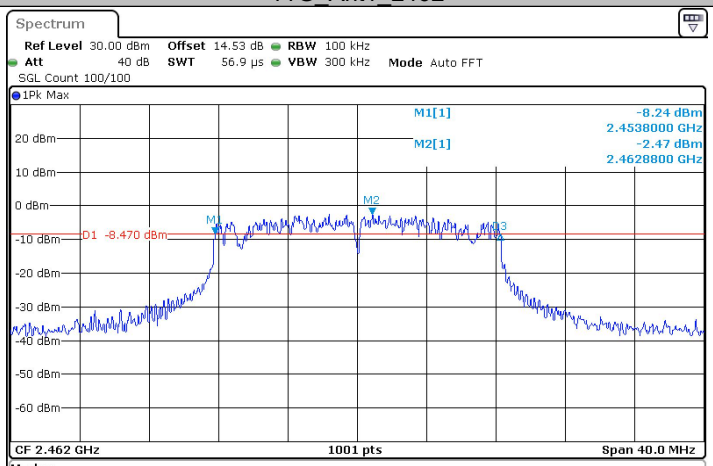


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42876 GHz	-6.32 dBm		
M2		1	2.43828 GHz	-0.67 dBm		
D3	M1	1	16.4 MHz	1.00 dB		

Date: 19.FEB.2025 15:20:08

11G_Ant1_2462



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4538 GHz	-8.24 dBm		
M2		1	2.46288 GHz	-2.47 dBm		
D3	M1	1	16.44 MHz	-0.22 dB		

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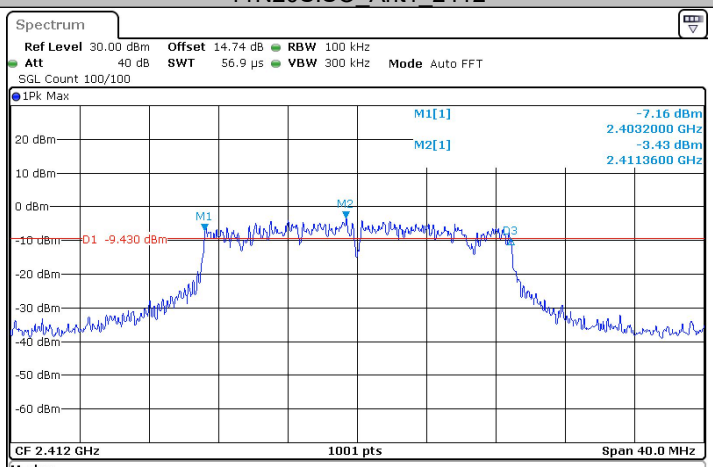
11N20SISO_Ant1_2412

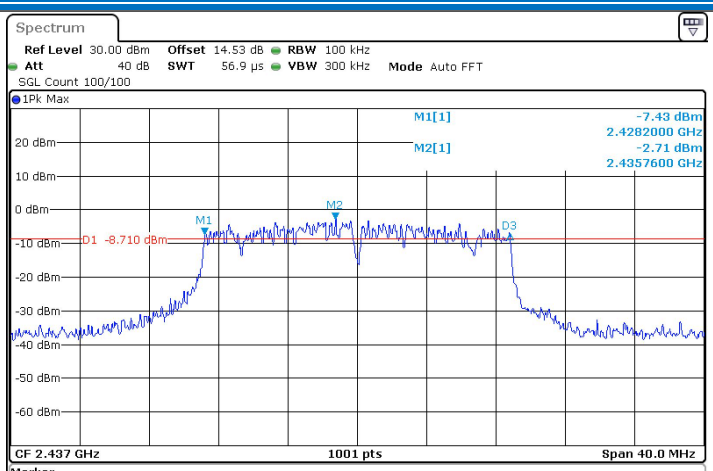


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4032 GHz	-7.16 dBm		
M2		1	2.41136 GHz	-3.43 dBm		
D3	M1	1	17.64 MHz	-2.25 dB		

Date: 19.FEB.2025 15:24:12

11N20SISO_Ant1_2437

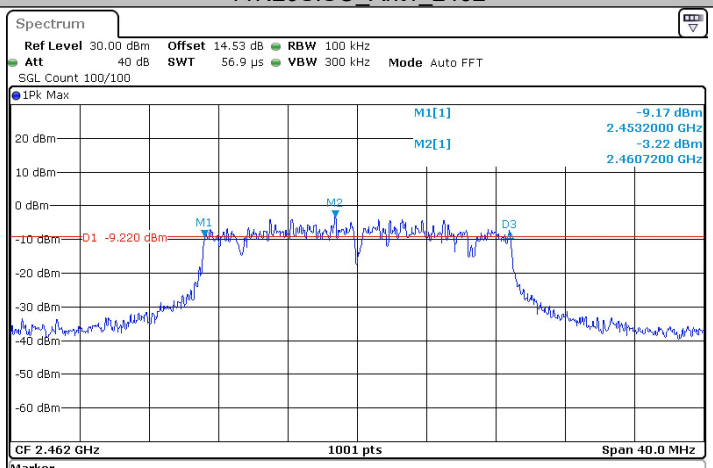


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4282 GHz	-7.43 dBm		
M2		1	2.43576 GHz	-2.71 dBm		
D3	M1	1	17.6 MHz	0.51 dB		

Date: 19.FEB.2025 15:28:20

11N20SISO_Ant1_2462

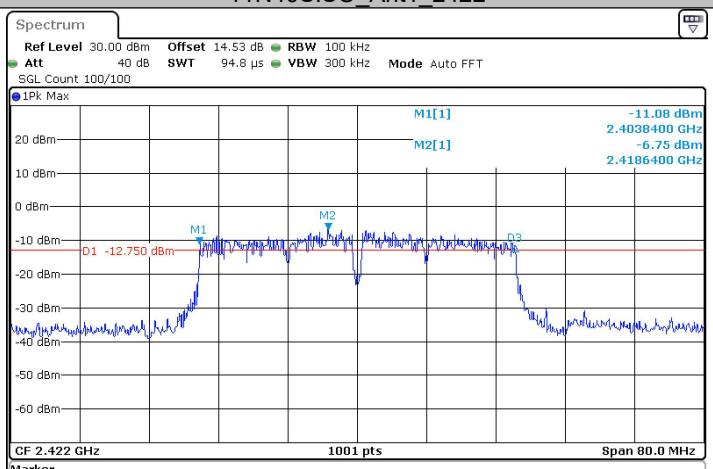


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4532 GHz	-9.17 dBm		
M2		1	2.46072 GHz	-3.22 dBm		
D3	M1	1	17.6 MHz	1.42 dB		

Date: 19.FEB.2025 15:31:36

11N40SISO_Ant1_2422

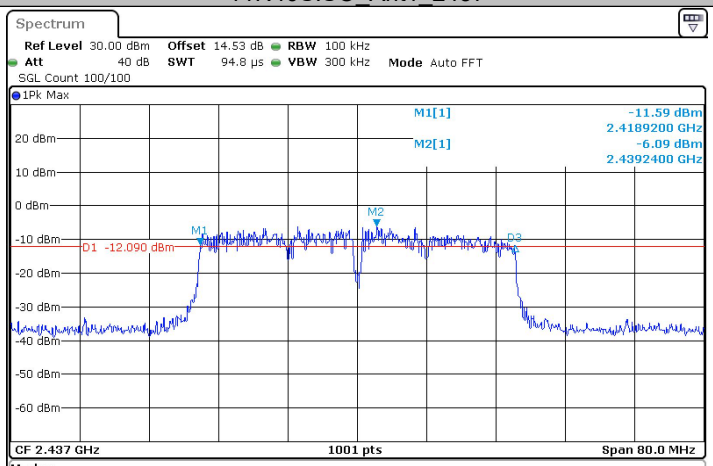


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40384 GHz	-11.08 dBm		
M2		1	2.41864 GHz	-6.75 dBm		
D3	M1	1	36.32 MHz	-0.58 dB		

Date: 19.FEB.2025 15:33:50

11N40SISO_Ant1_2437

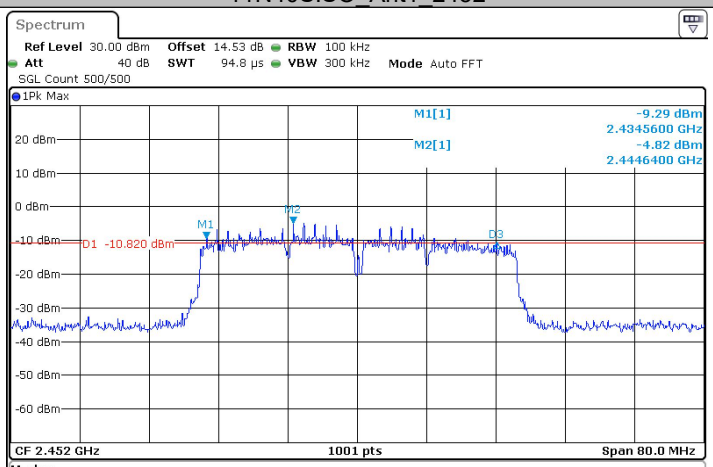


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41892 GHz	-11.59 dBm		
M2		1	2.43924 GHz	-6.09 dBm		
D3	M1	1	36.24 MHz	-0.14 dB		

Date: 19.FEB.2025 15:36:48

11N40SISO_Ant1_2452



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43456 GHz	-9.29 dBm		
M2		1	2.44464 GHz	-4.82 dBm		
D3	M1	1	33.52 MHz	-1.30 dB		

Date: 19.FEB.2025 17:21:08

11AX20SISO_Ant1_2412