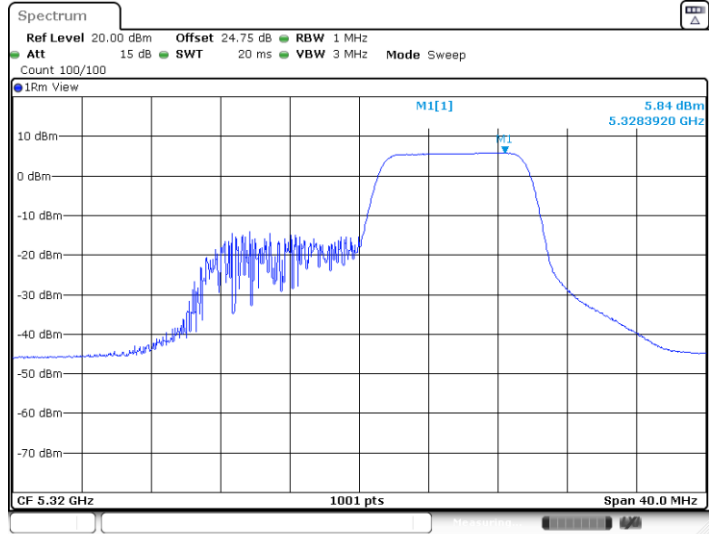


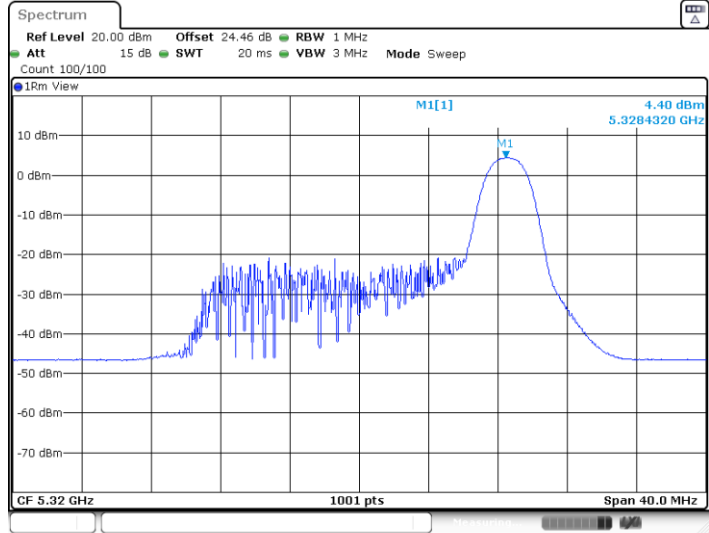


11BE20MIMO\_Ant1\_5320\_106Tone\_RU54

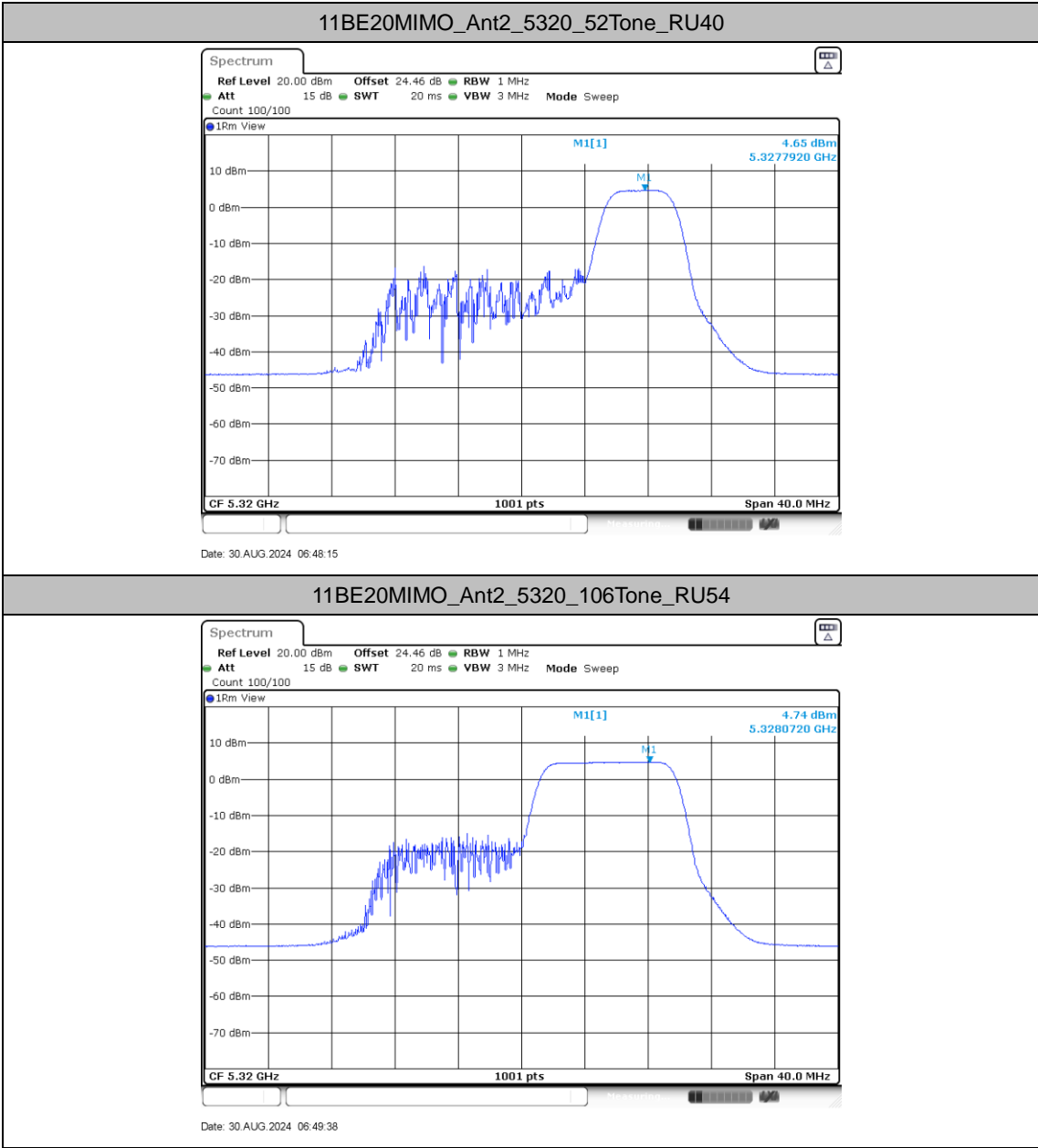


Date: 30 AUG 2024 06:49:27

11BE20MIMO\_Ant2\_5320\_26Tone\_RU8

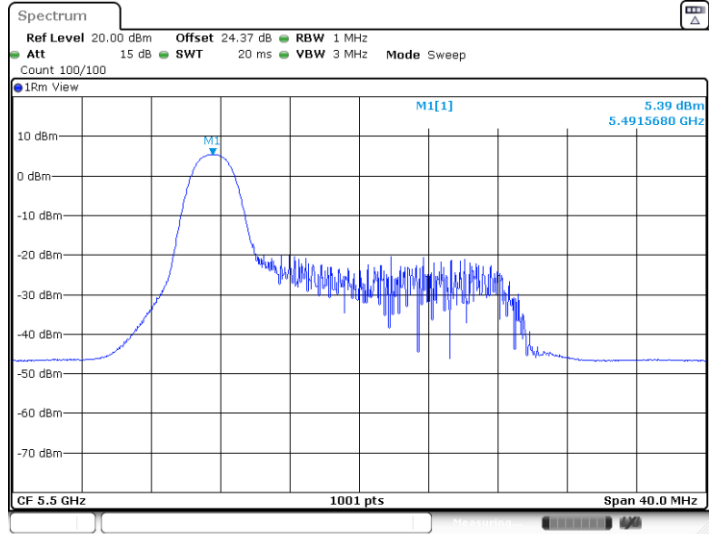


Date: 30 AUG 2024 06:47:18



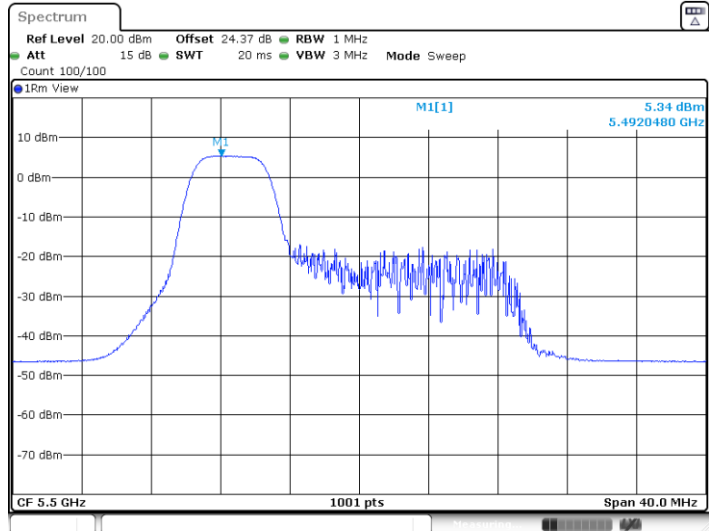


11BE20MIMO\_Ant1\_5500\_26Tone\_RU0



Date: 30 AUG 2024 06:50:13

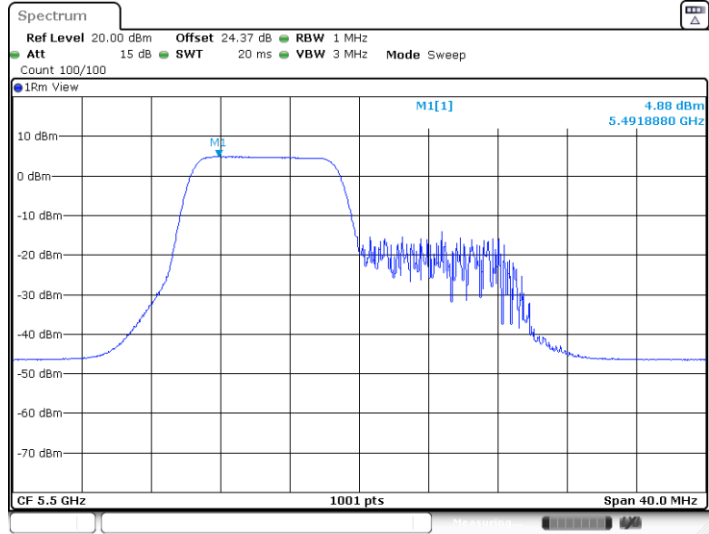
11BE20MIMO\_Ant1\_5500\_52Tone\_RU37



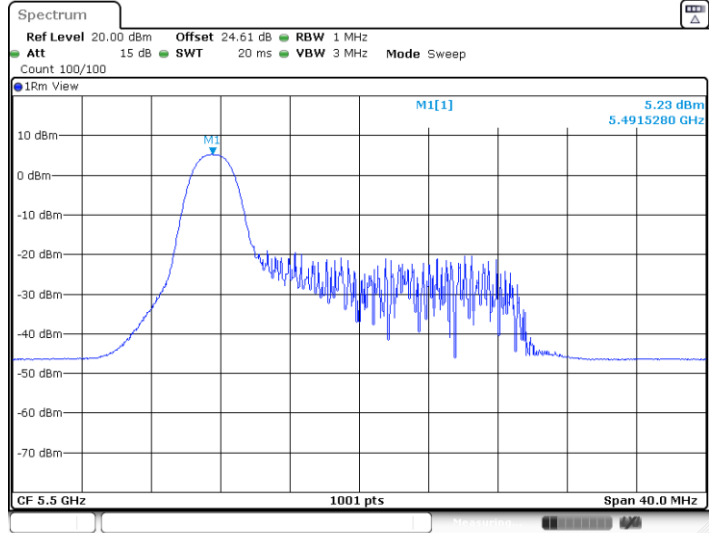
Date: 30 AUG 2024 06:50:57

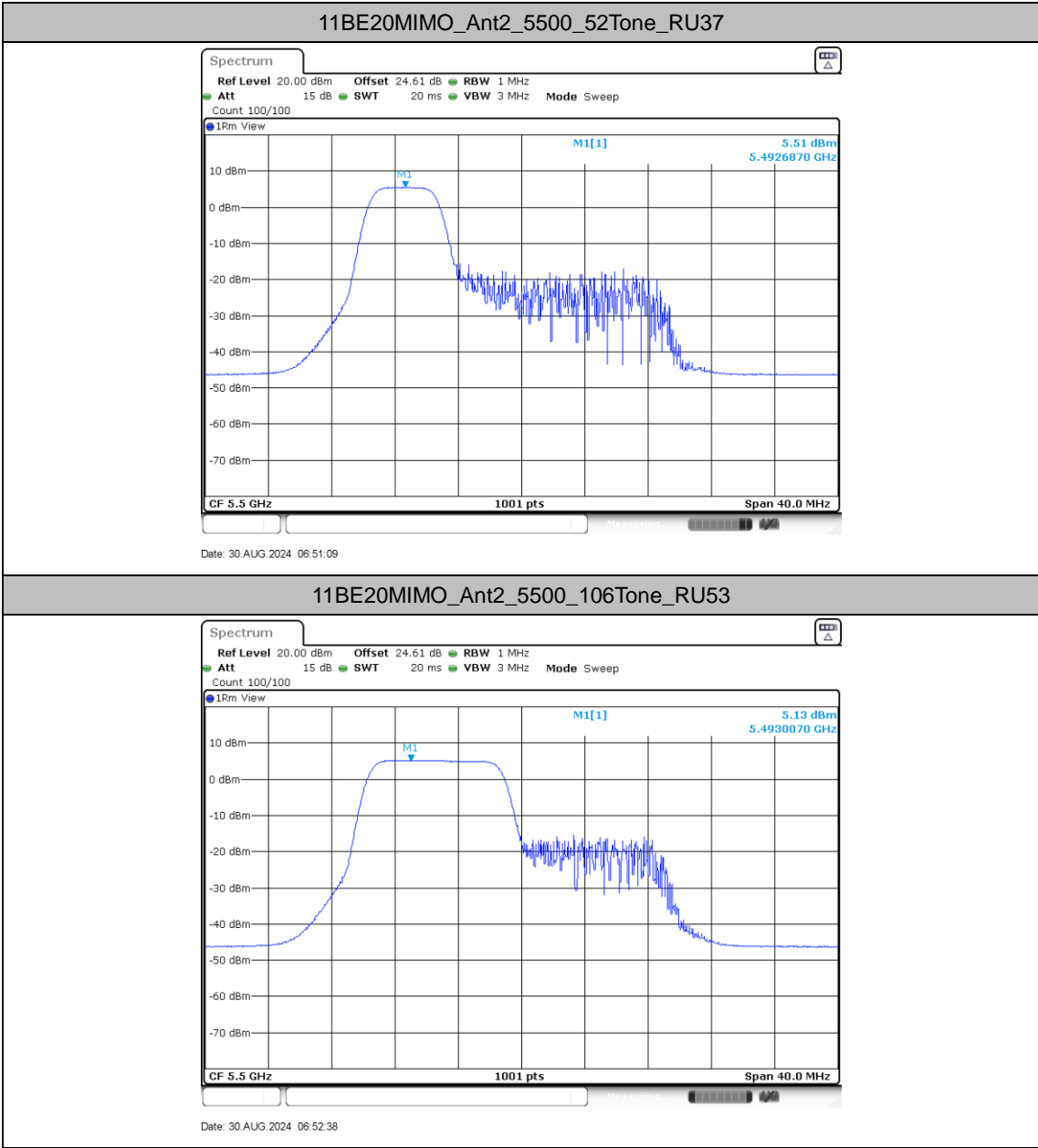


11BE20MIMO\_Ant1\_5500\_106Tone\_RU53



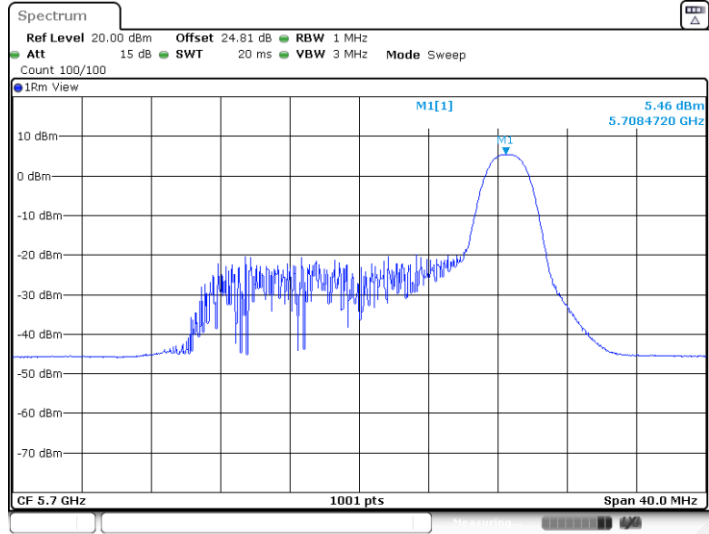
11BE20MIMO\_Ant2\_5500\_26Tone\_RU0





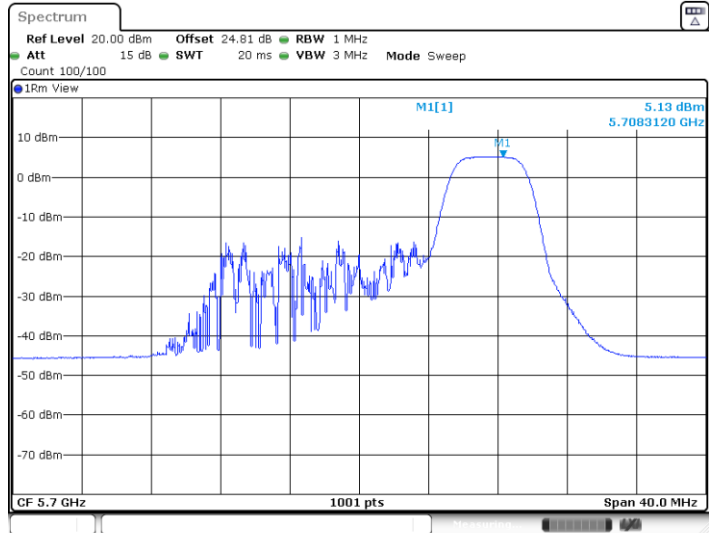


11BE20MIMO\_Ant1\_5700\_26Tone\_RU8



Date: 30 AUG 2024 06:53:19

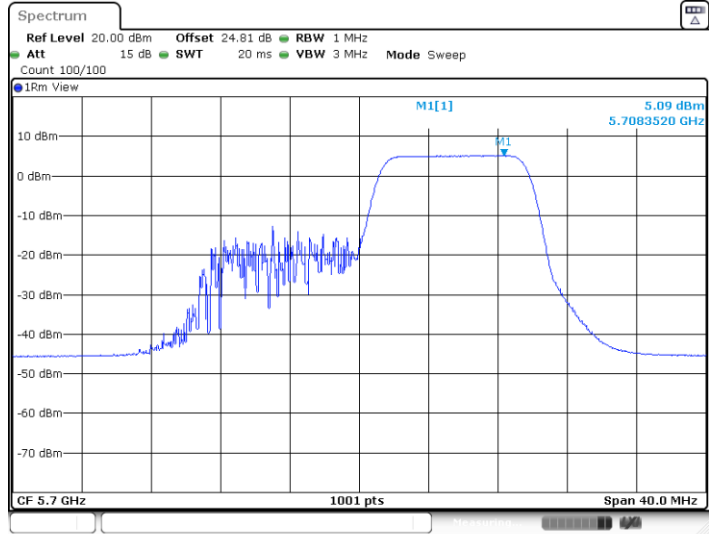
11BE20MIMO\_Ant1\_5700\_52Tone\_RU40



Date: 30 AUG 2024 06:54:57

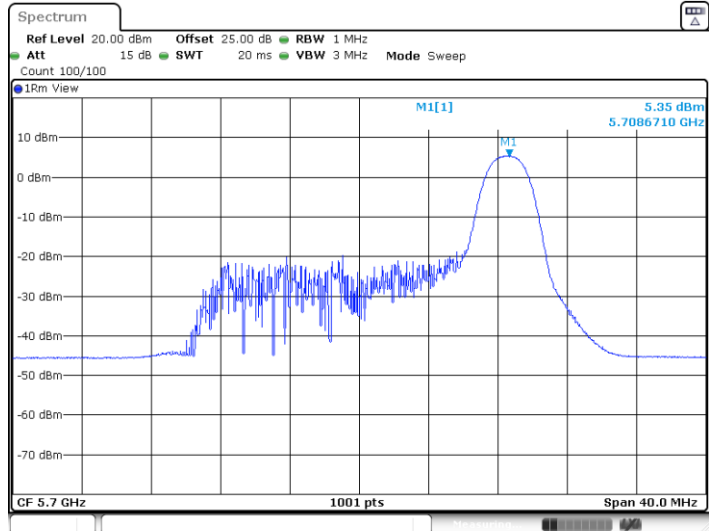


11BE20MIMO\_Ant1\_5700\_106Tone\_RU54

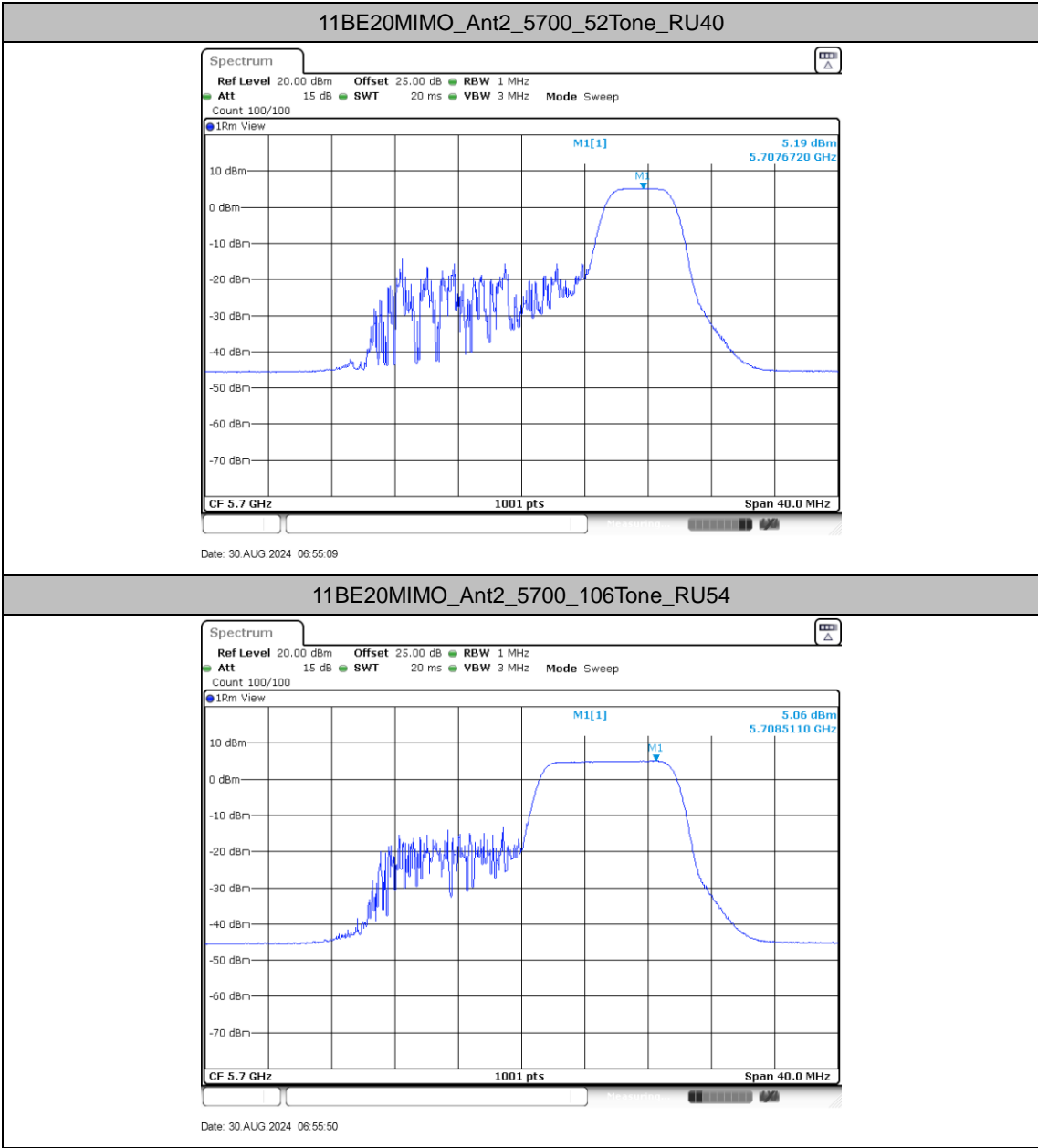


Date: 30 AUG 2024 06:55:39

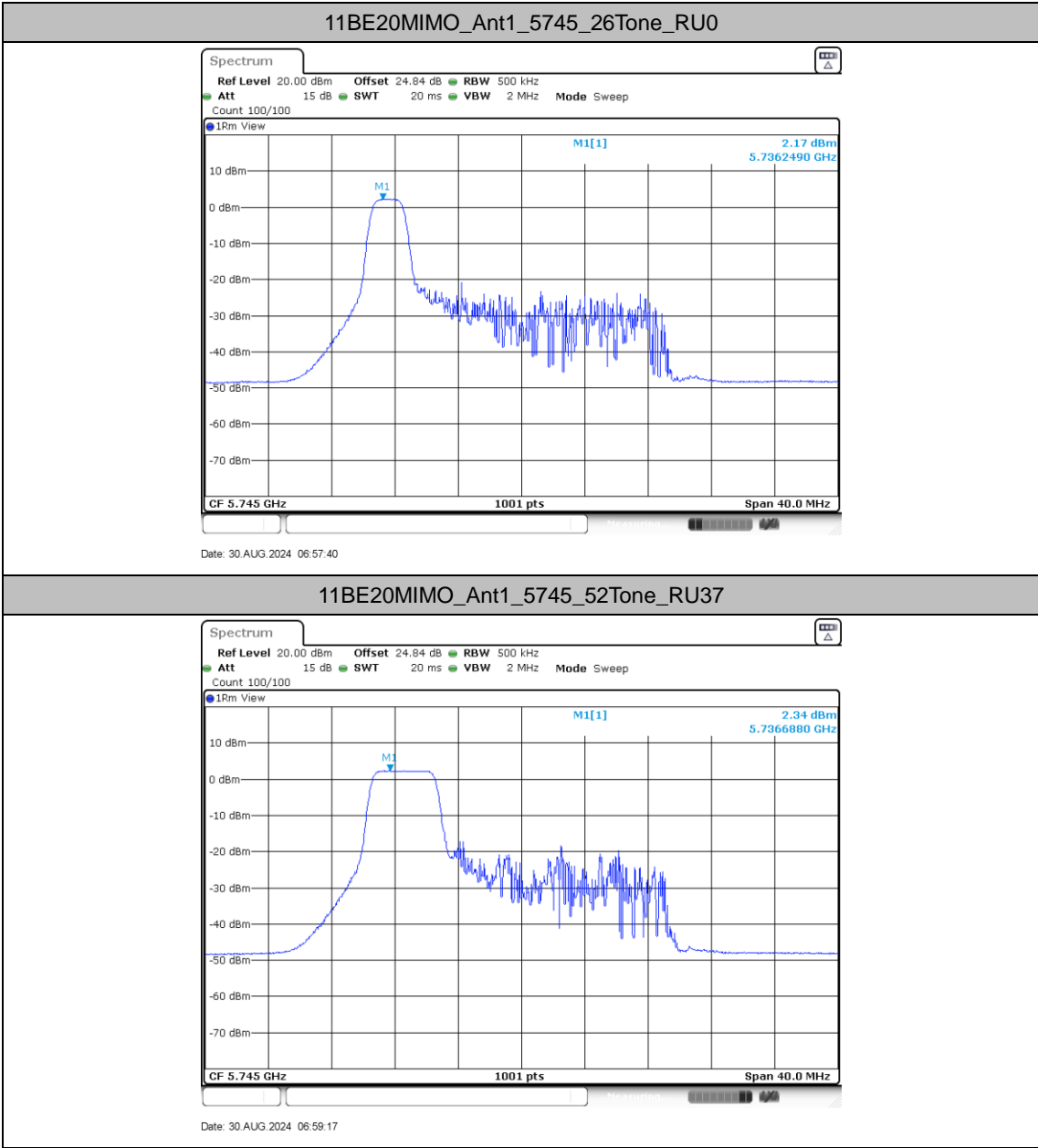
11BE20MIMO\_Ant2\_5700\_26Tone\_RU8

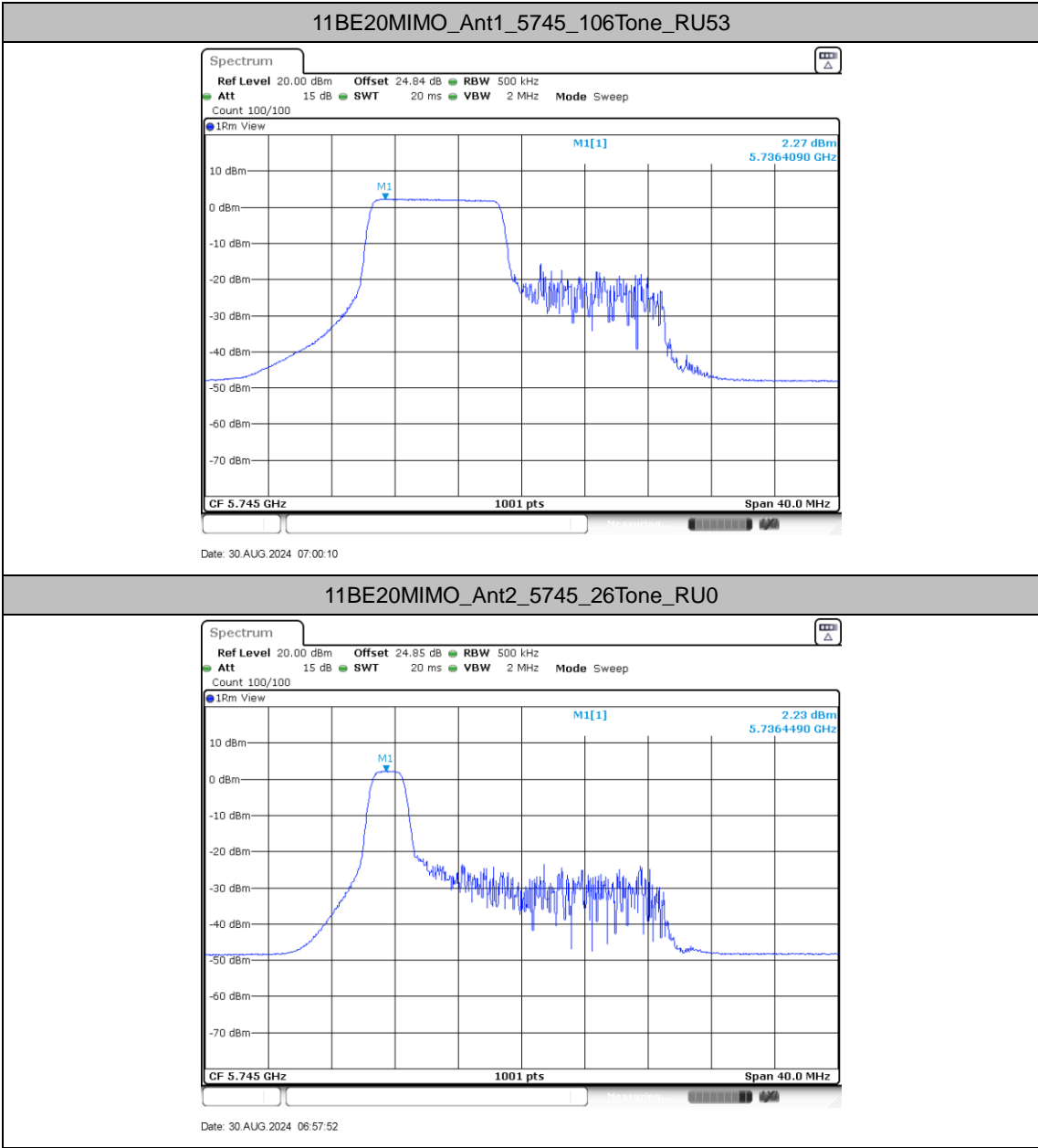


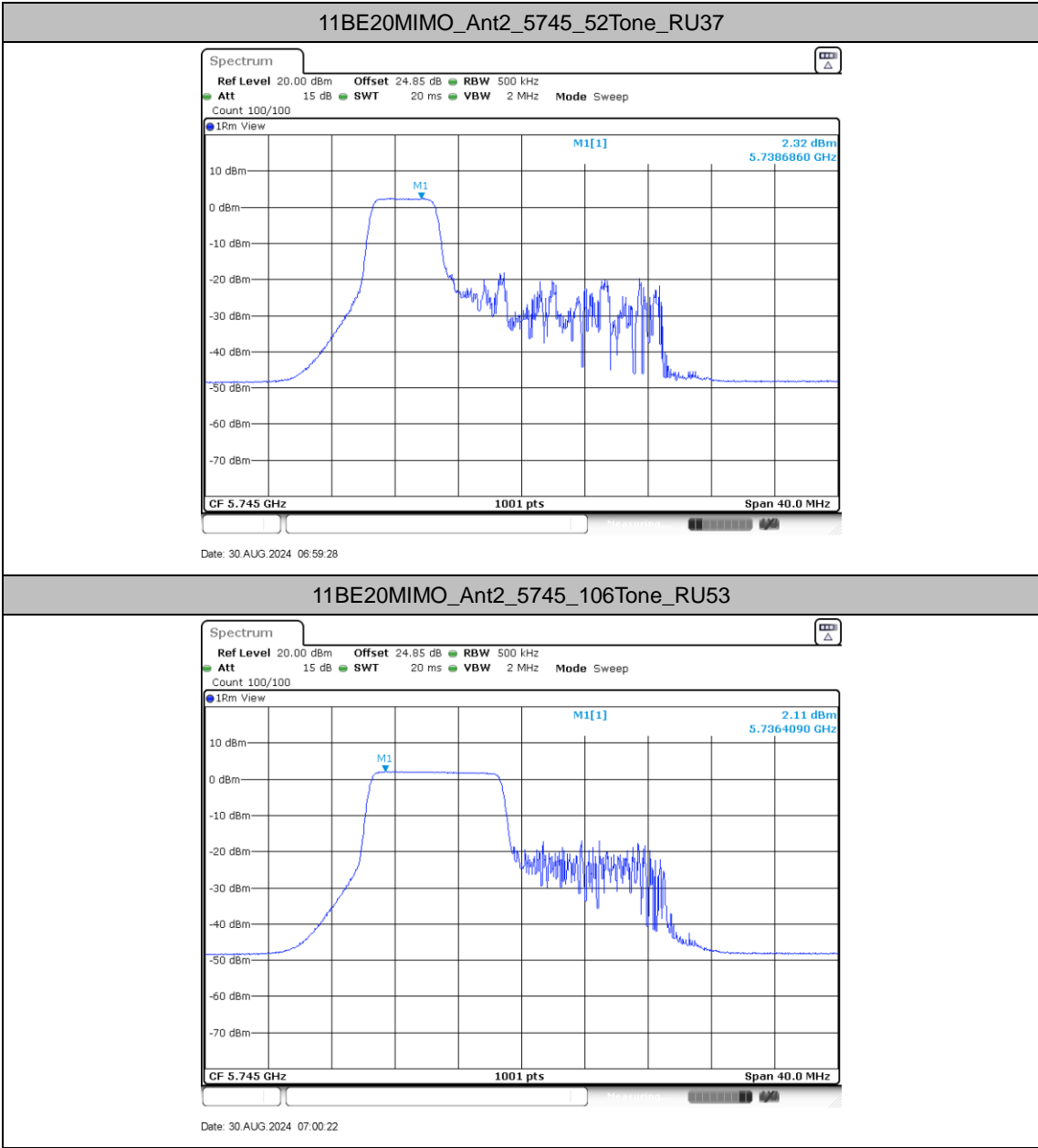
Date: 30 AUG 2024 06:53:30

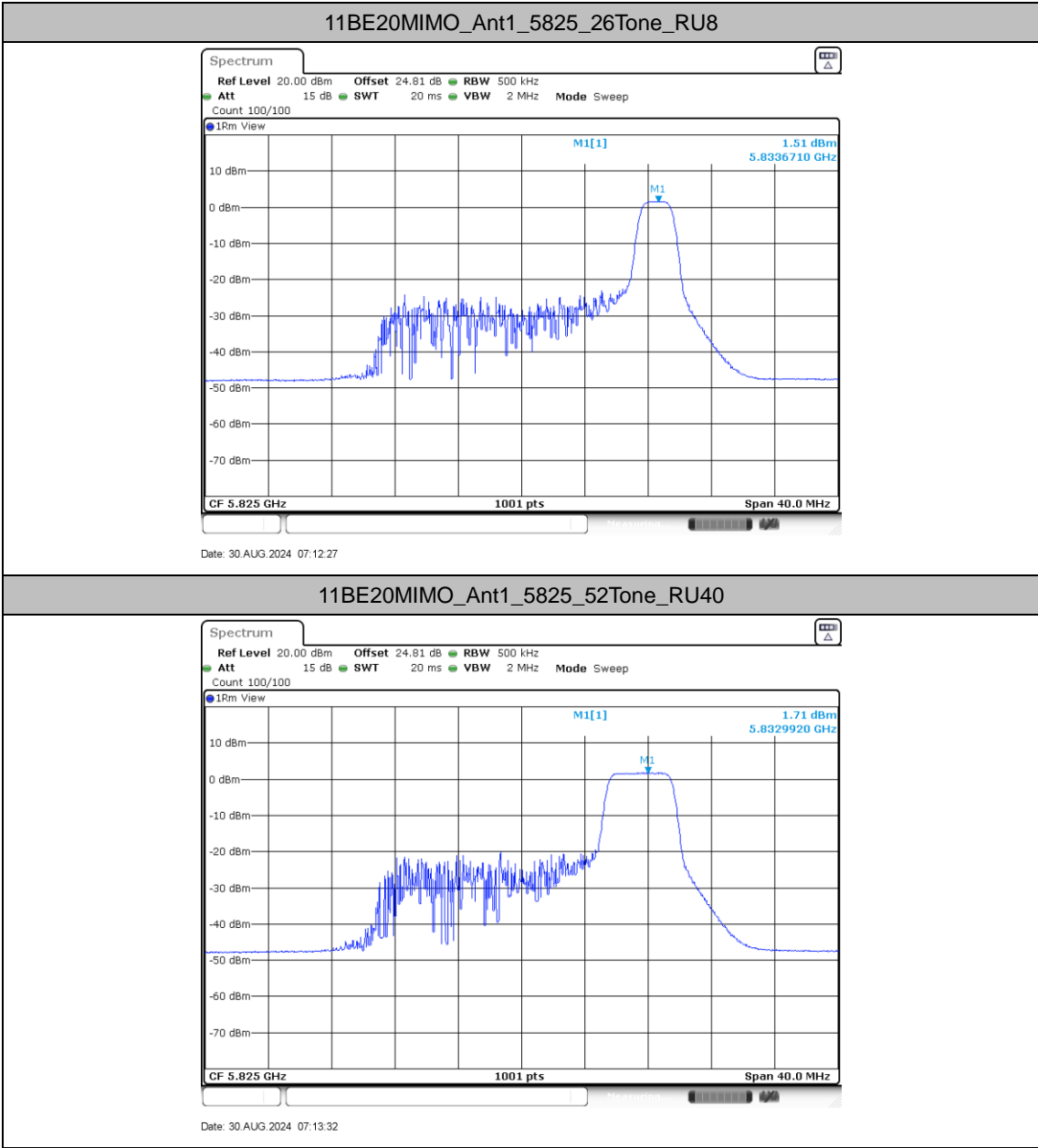


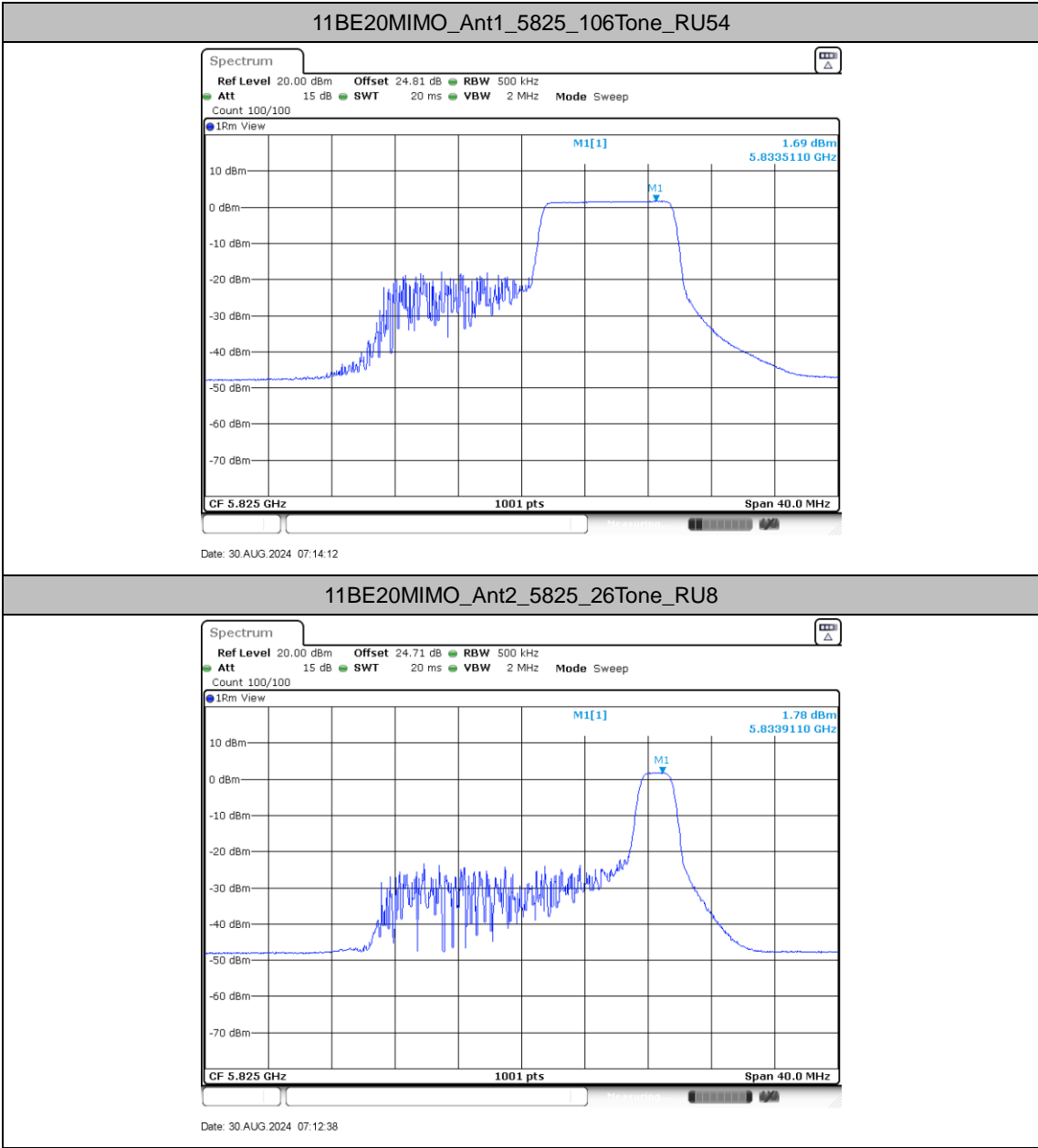


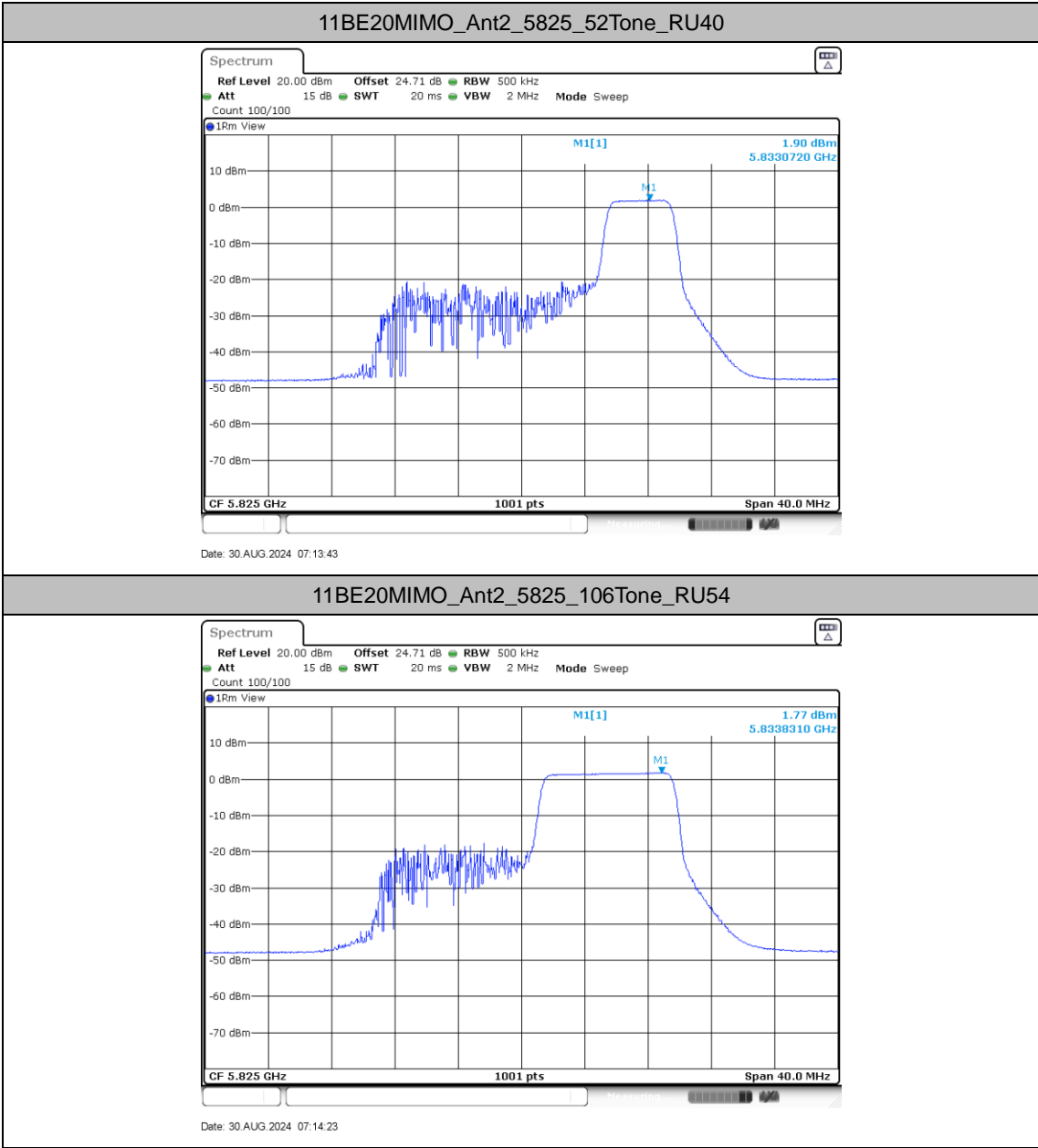














<802.11be Large RU>

Maximum power spectral density

Test Result

Test Mode	Antenna	Freq (MHz)	Ru Size	Ru Index	Result [dBm /MHz]	Limit [dBm /MHz]	Verdict
11BE80MIMO	Ant1	5210	484Tone+242Tone	RU4	-1.62	≤11.00	PASS
	Ant2	5210	484Tone+242Tone	RU4	-2.11	≤11.00	PASS
	total	5210	484Tone+242Tone	RU4	1.15	≤11.00	PASS
	Ant1	5290	484Tone+242Tone	RU1	-1.6	≤11.00	PASS
	Ant2	5290	484Tone+242Tone	RU1	-2.4	≤11.00	PASS
	total	5290	484Tone+242Tone	RU1	1.03	≤11.00	PASS
	Ant1	5530	484Tone+242Tone	RU4	-3.77	≤11.00	PASS
	Ant2	5530	484Tone+242Tone	RU4	-3.98	≤11.00	PASS
	total	5530	484Tone+242Tone	RU4	-0.86	≤11.00	PASS
	Ant1	5610	484Tone+242Tone	RU1	-1.83	≤11.00	PASS
	Ant2	5610	484Tone+242Tone	RU1	-2.44	≤11.00	PASS
	total	5610	484Tone+242Tone	RU1	0.89	≤11.00	PASS
	Ant1	5690_UNII-2C	484Tone+242Tone	RU1	-1.97	≤11.00	PASS
	Ant2	5690_UNII-2C	484Tone+242Tone	RU1	-1.94	≤11.00	PASS
	total	5690_UNII-2C	484Tone+242Tone	RU1	1.06	≤11.00	PASS
	Ant1	5690_UNII-3	484Tone+242Tone	RU1	-4.83	≤30.00	PASS
	Ant2	5690_UNII-3	484Tone+242Tone	RU1	-4.81	≤30.00	PASS
	total	5690_UNII-3	484Tone+242Tone	RU1	-1.81	≤30.00	PASS
	Ant1	5775	484Tone+242Tone	RU1	-5.17	≤30.00	PASS
	Ant1			RU4	-5.21	≤30.00	PASS
	Ant2	5775	484Tone+242Tone	RU1	-4.79	≤30.00	PASS
Ant2	RU4			-5.23	≤30.00	PASS	
total	5775	484Tone+242Tone	RU1	-1.97	≤30.00	PASS	
total			RU4	-2.21	≤30.00	PASS	
11BE160MIMO	Ant1	5250_UNII-1	996Tone+484Tone	RU1	-5.01	≤11.00	PASS
	Ant1			RU4	-4.88	≤11.00	PASS
	Ant2	5250_UNII-1	996Tone+484Tone	RU1	-4.7	≤11.00	PASS
	Ant2			RU4	-4.9	≤11.00	PASS
	total	5250_UNII-1	996Tone+484Tone	RU1	-1.84	≤11.00	PASS
	total			RU4	-1.88	≤11.00	PASS
	Ant1	5250_UNII-2A	996Tone+484Tone	RU1	-5.1	≤11.00	PASS
	Ant1			RU4	-4.95	≤11.00	PASS
	Ant2	5250_UNII-2A	996Tone+484Tone	RU1	-4.65	≤11.00	PASS
	Ant2			RU4	-4.81	≤11.00	PASS
	total	5250_UNII-2A	996Tone+484Tone	RU1	-1.86	≤11.00	PASS
	total			RU4	-1.87	≤11.00	PASS
Ant1	5570	996Tone+484Tone	RU1	-4.34	≤11.00	PASS	
Ant1			RU4	-4.48	≤11.00	PASS	
Ant2	5570	996Tone+484Tone	RU1	-4.94	≤11.00	PASS	
Ant2			RU4	-5.04	≤11.00	PASS	



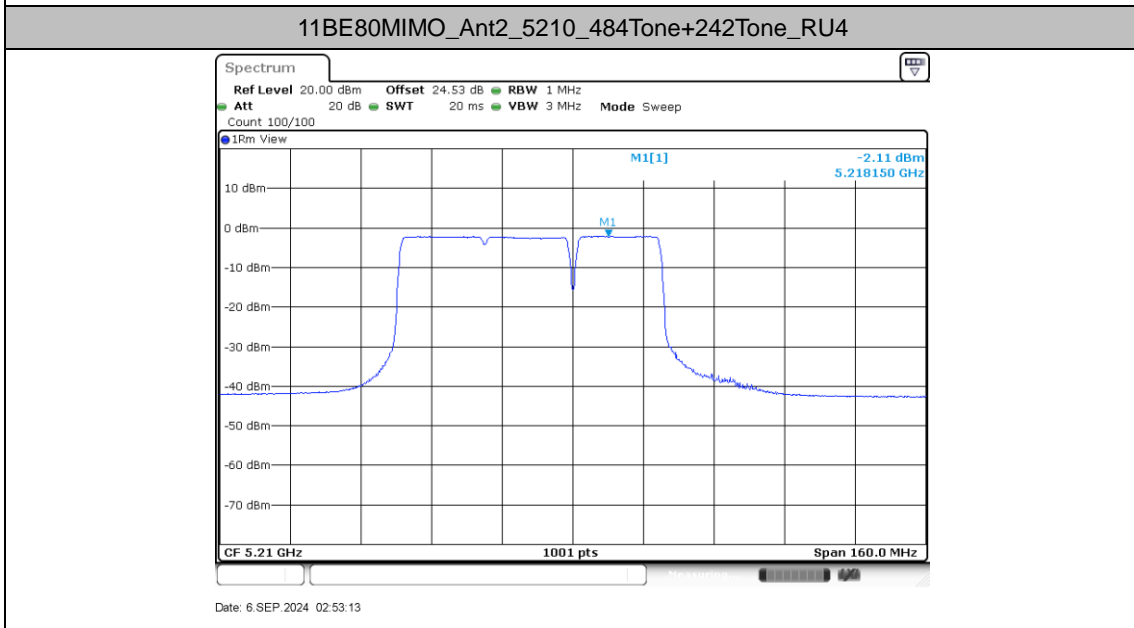
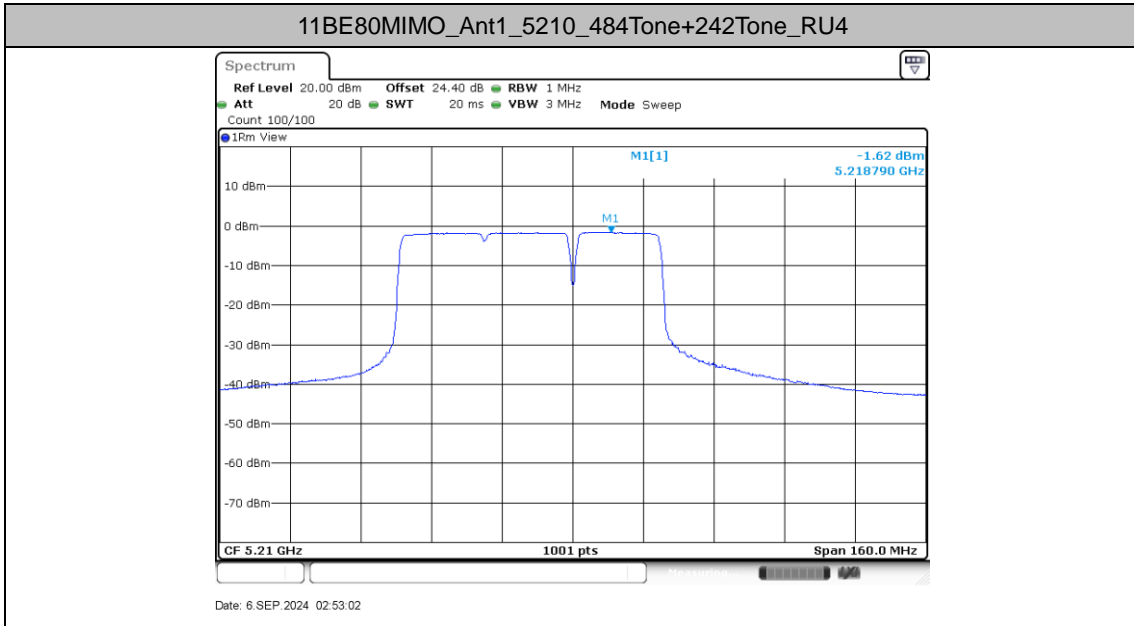
	total	5570	996Tone+484Tone	RU1	-1.62	≤11.00	PASS
				RU4	-1.74	≤11.00	PASS

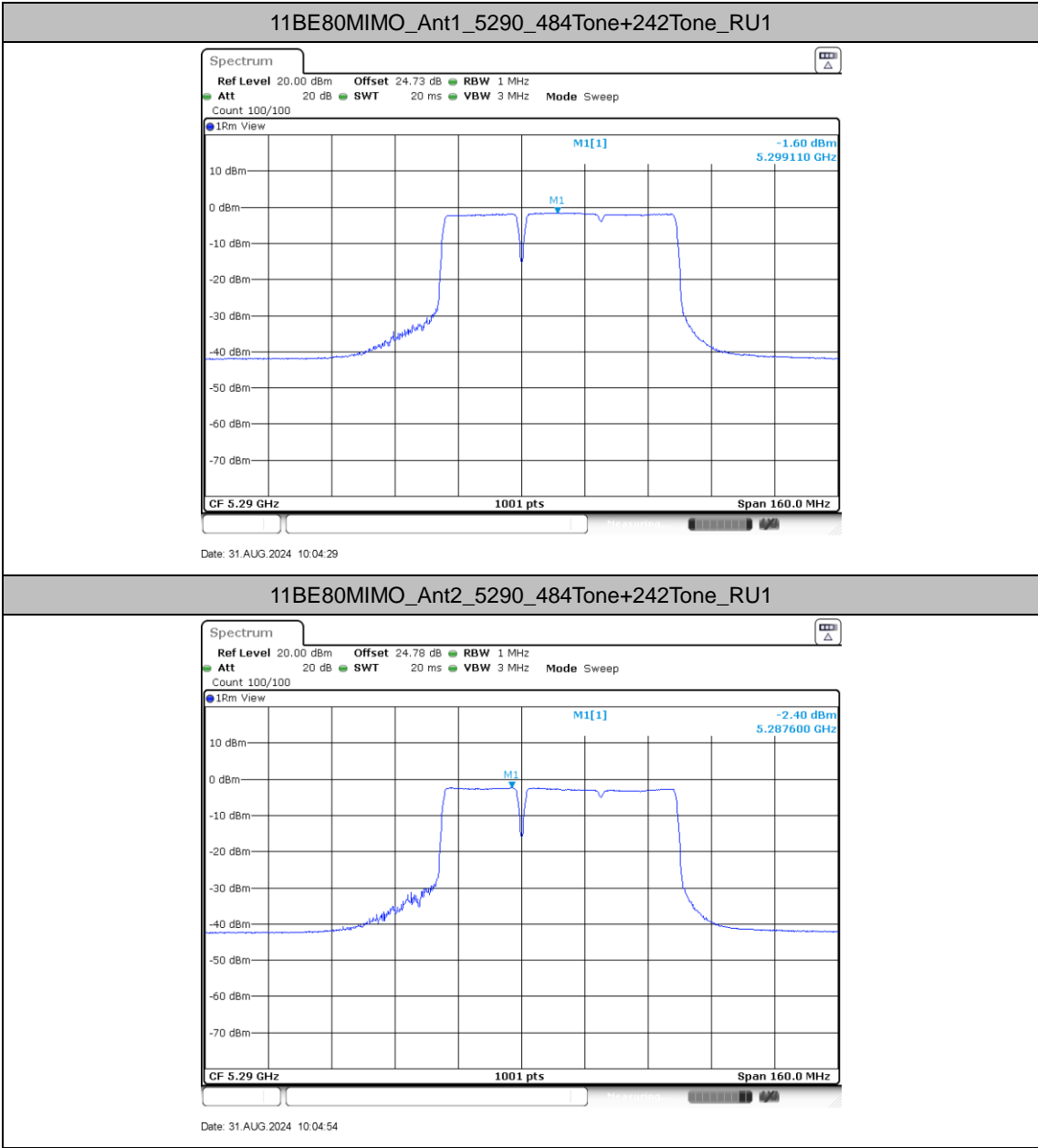
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor is compensated in the graph.

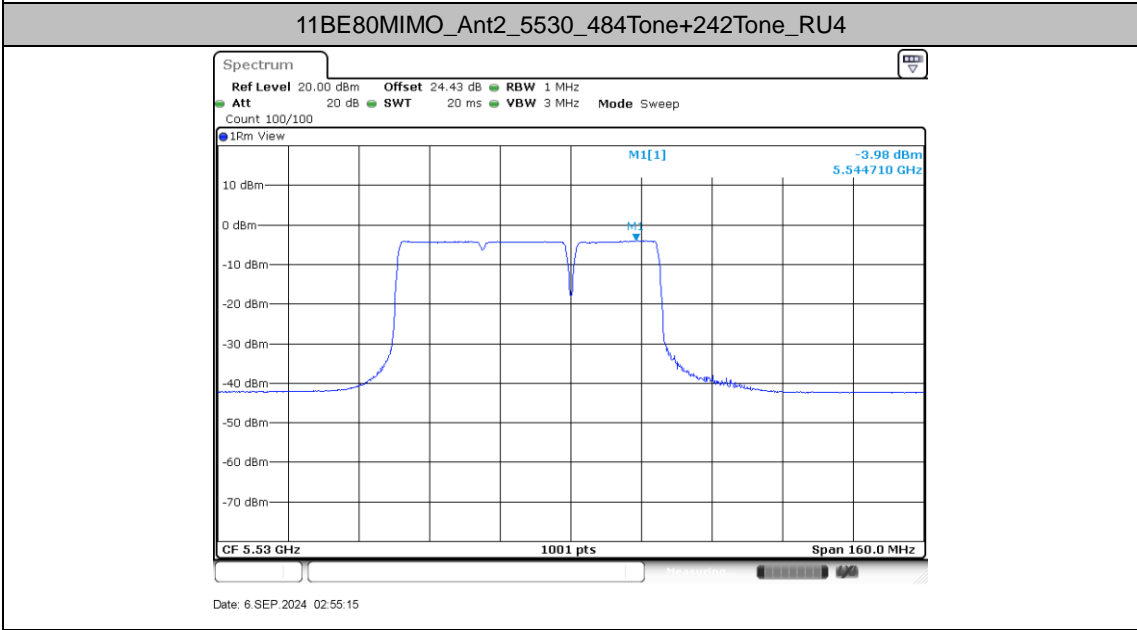
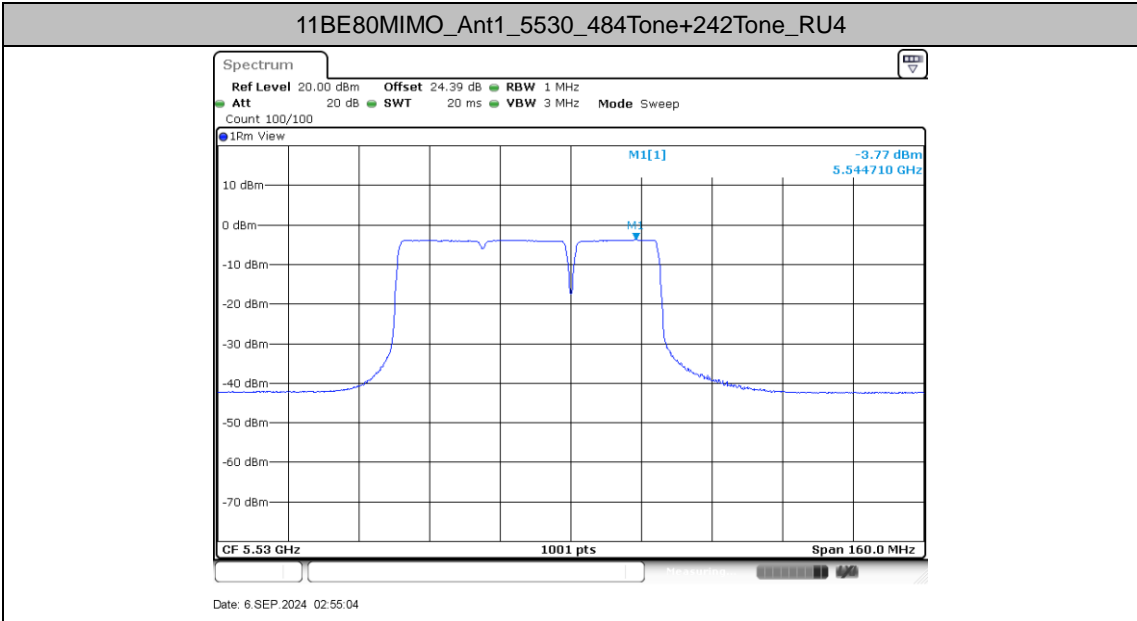


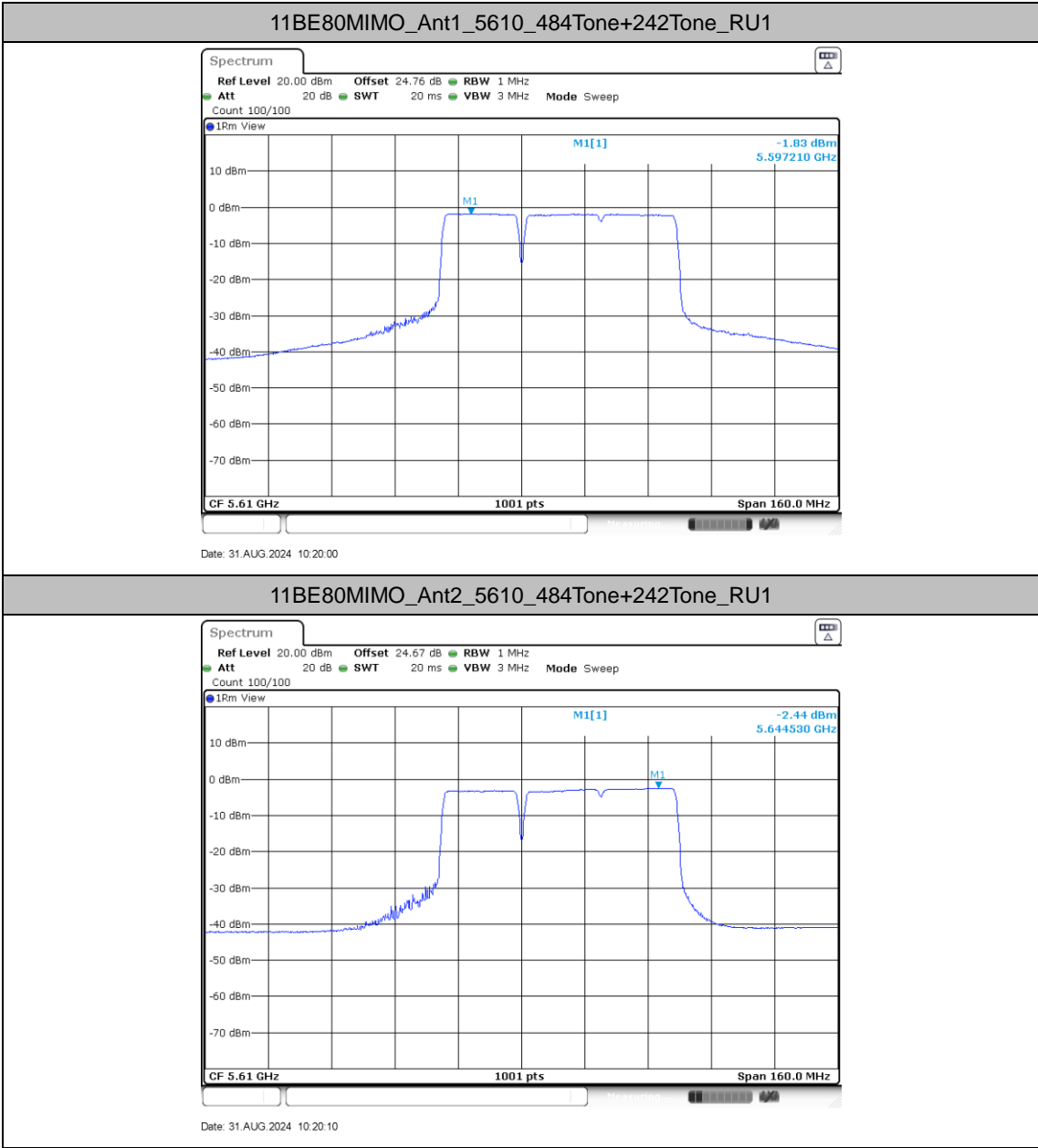


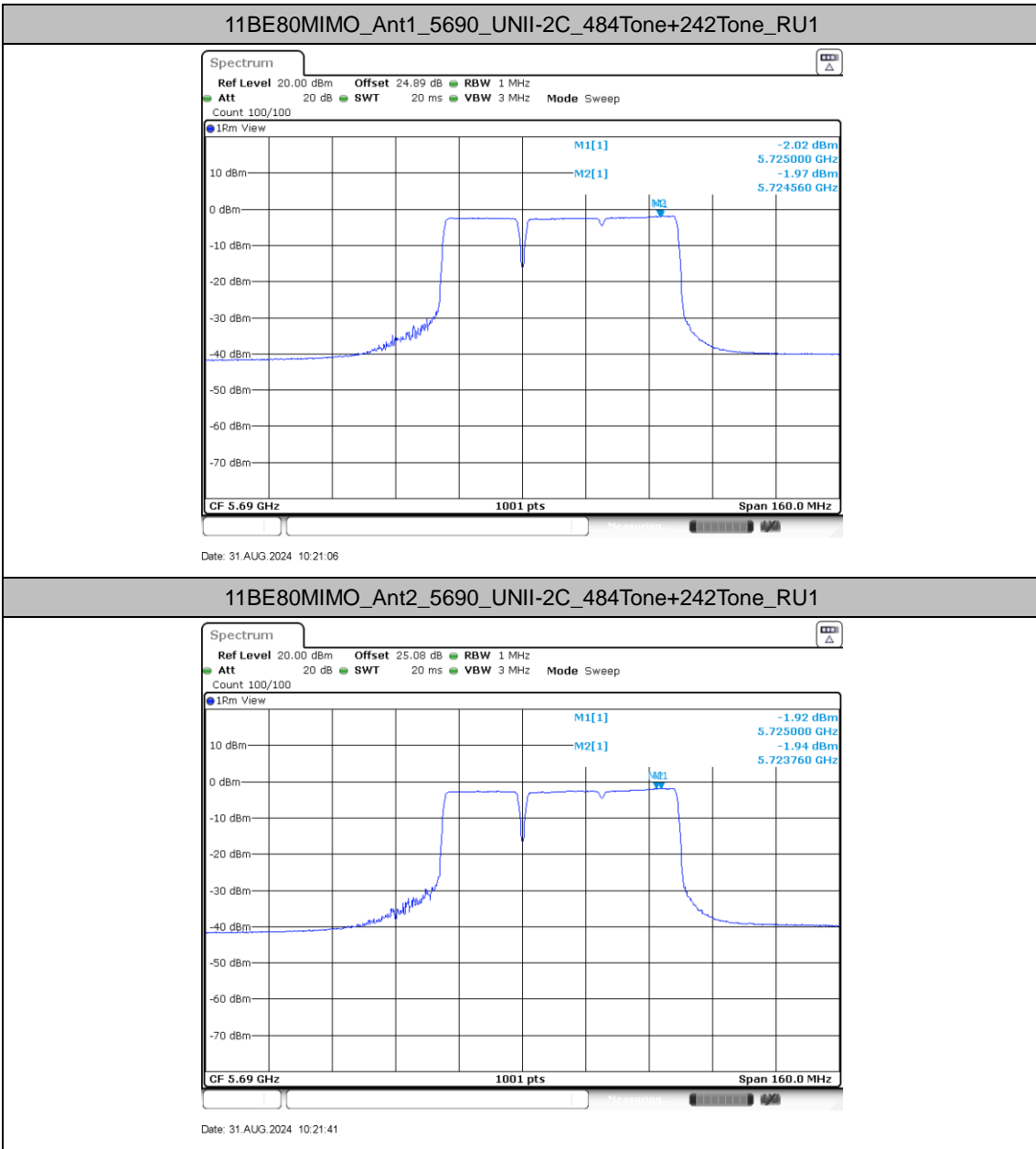
Test Graphs

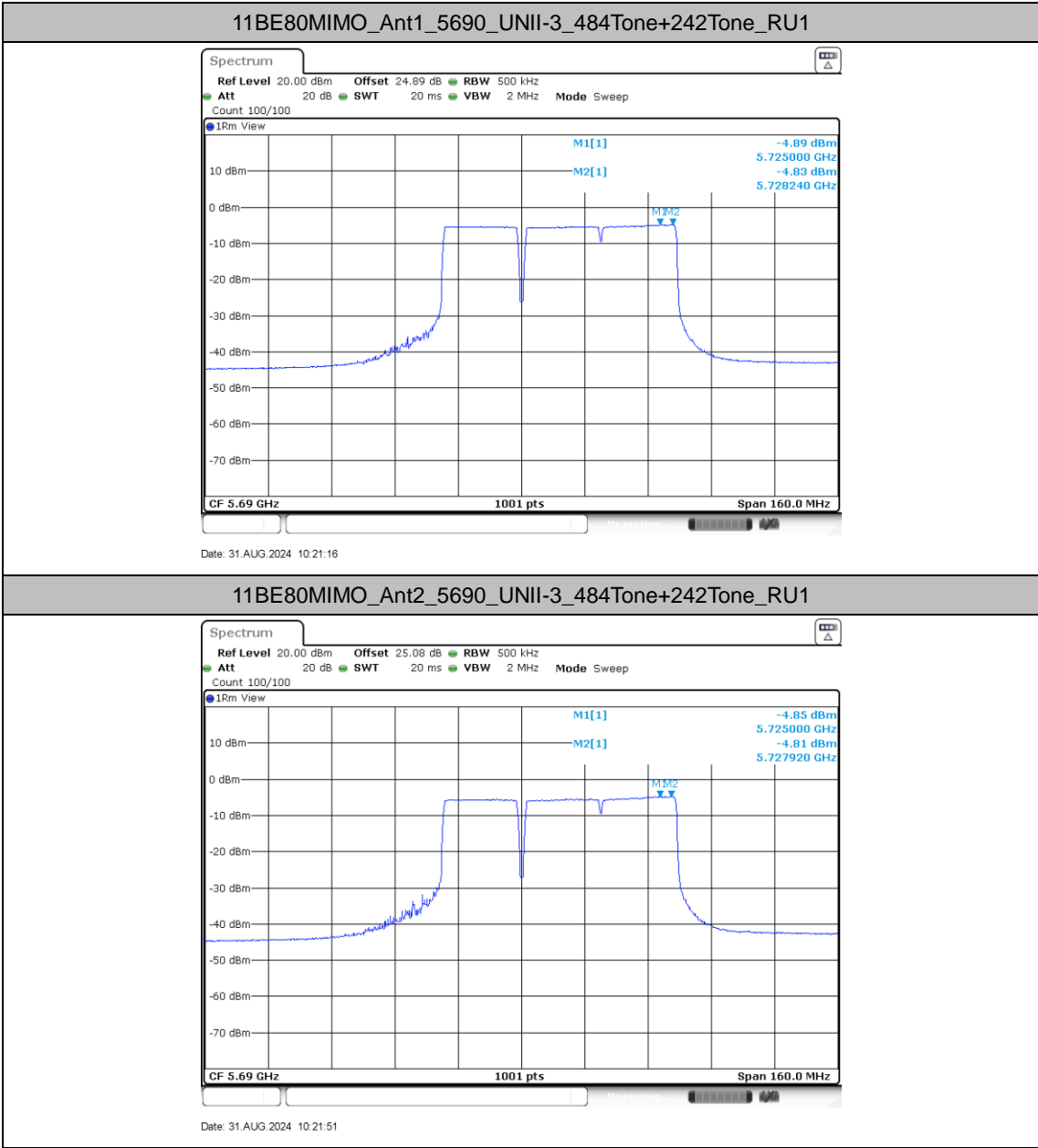


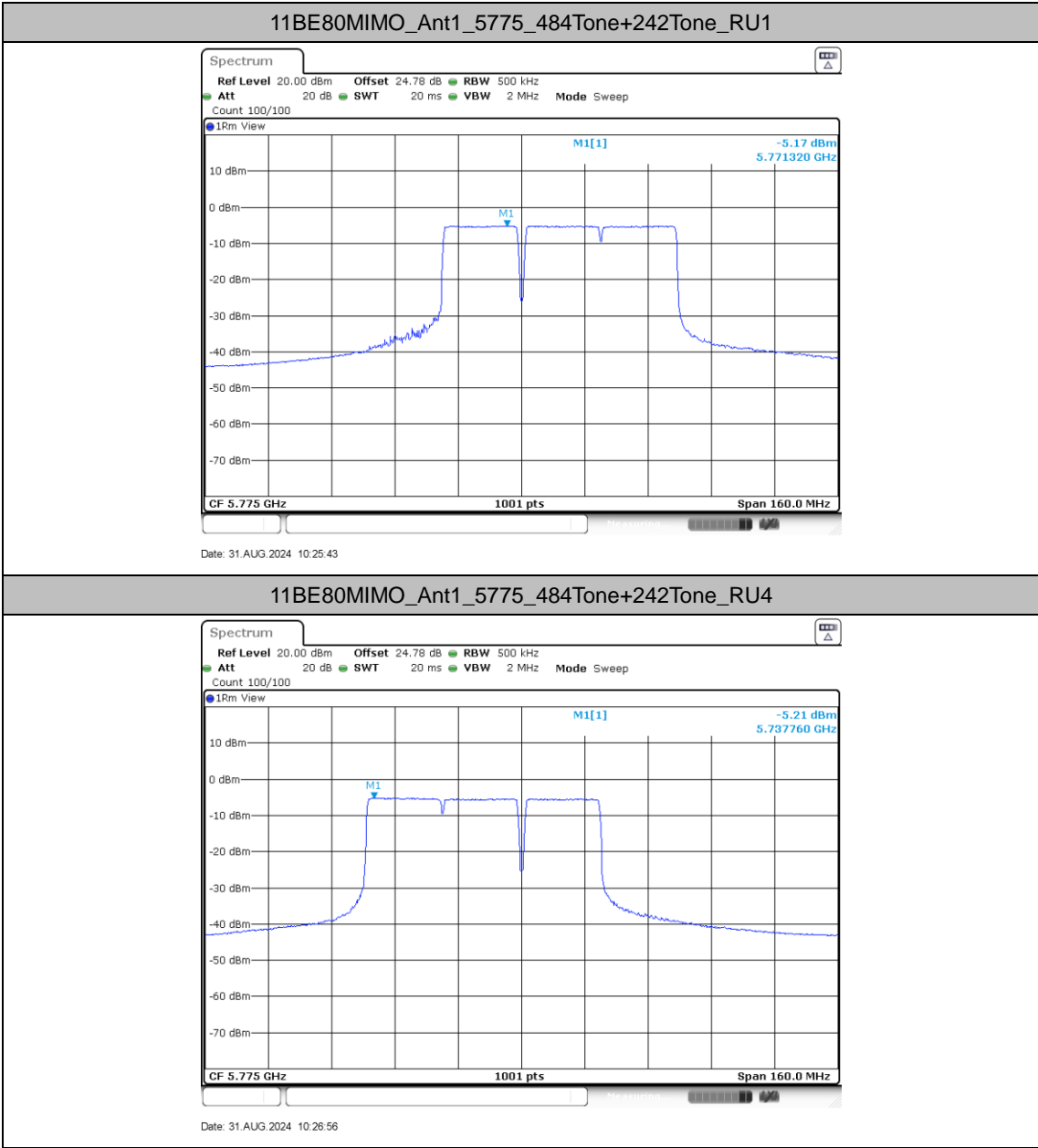


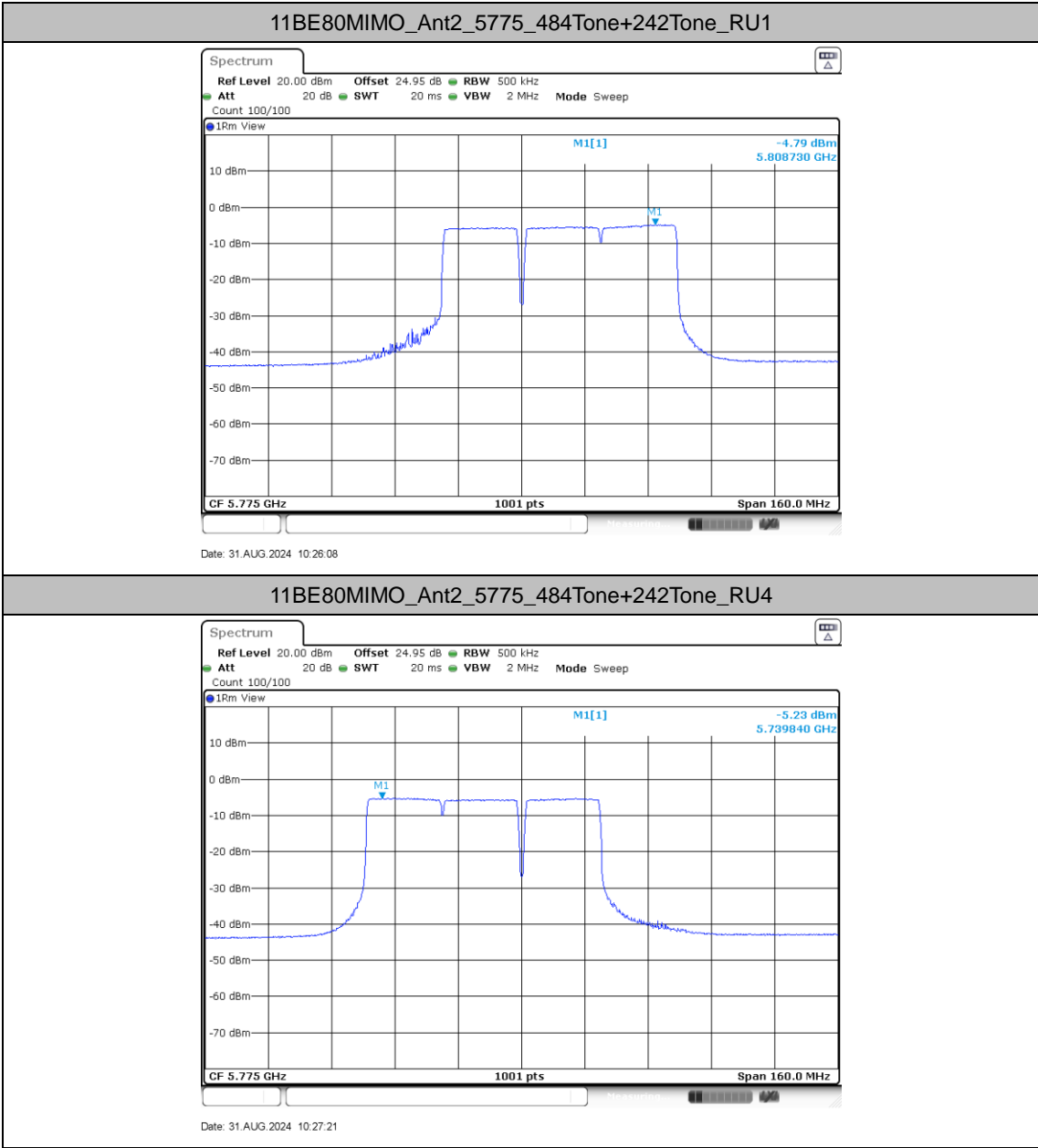








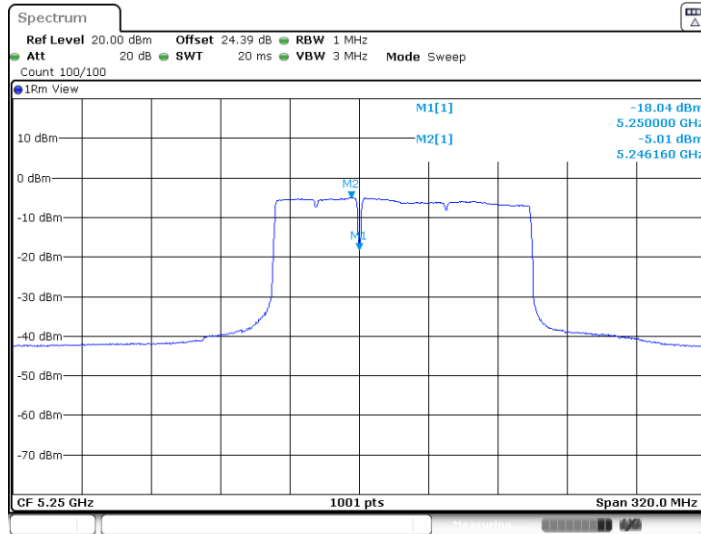






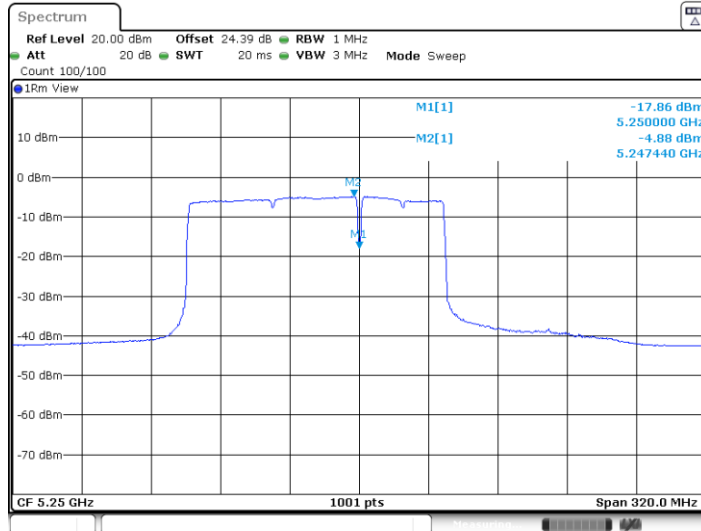


11BE160MIMO\_Ant1\_5250\_UNII-1\_996Tone+484Tone\_RU1



Date: 31.AUG.2024 10:58:52

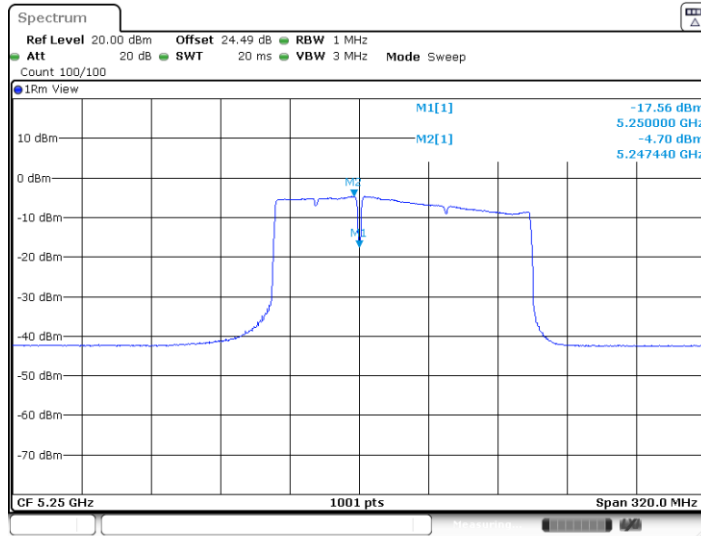
11BE160MIMO\_Ant1\_5250\_UNII-1\_996Tone+484Tone\_RU4



Date: 31.AUG.2024 12:00:20

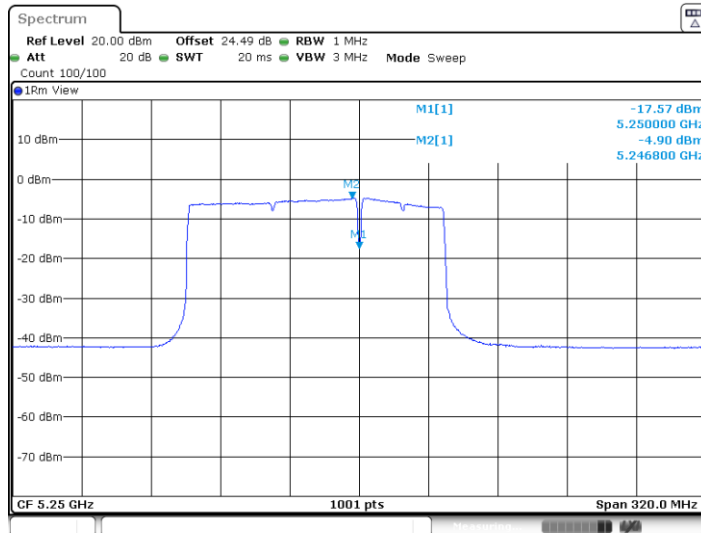


11BE160MIMO\_Ant2\_5250\_UNII-1\_996Tone+484Tone\_RU1



Date: 31.AUG.2024 10:59:13

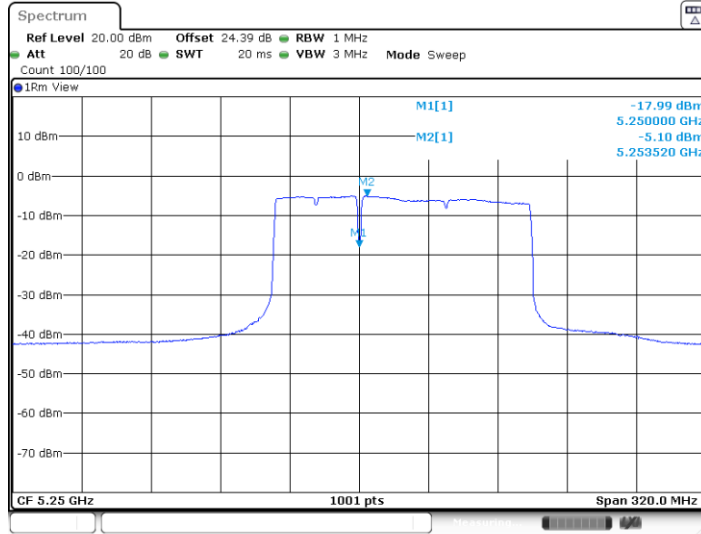
11BE160MIMO\_Ant2\_5250\_UNII-1\_996Tone+484Tone\_RU4



Date: 31.AUG.2024 12:00:56

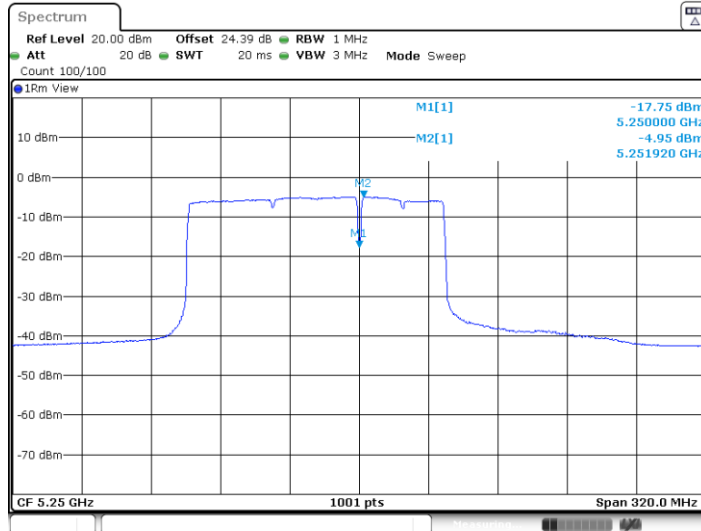


11BE160MIMO\_Ant1\_5250\_UNII-2A\_996Tone+484Tone\_RU1



Date: 31.AUG.2024 10:59:02

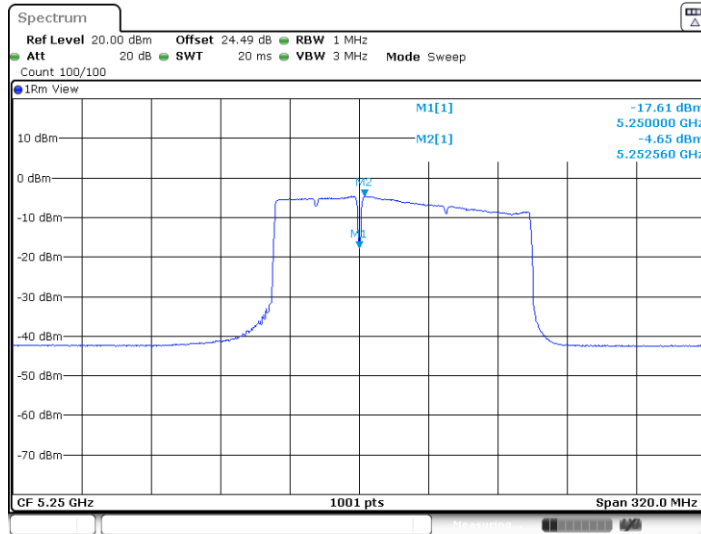
11BE160MIMO\_Ant1\_5250\_UNII-2A\_996Tone+484Tone\_RU4



Date: 31.AUG.2024 12:00:30

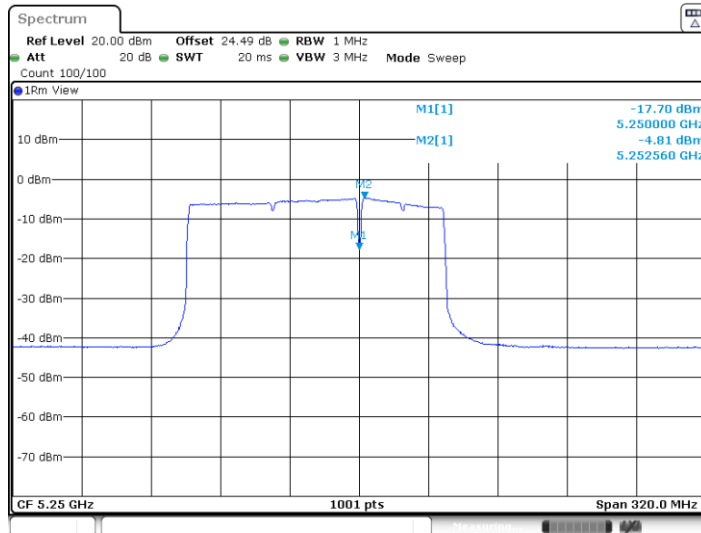


11BE160MIMO\_Ant2\_5250\_UNII-2A\_996Tone+484Tone\_RU1

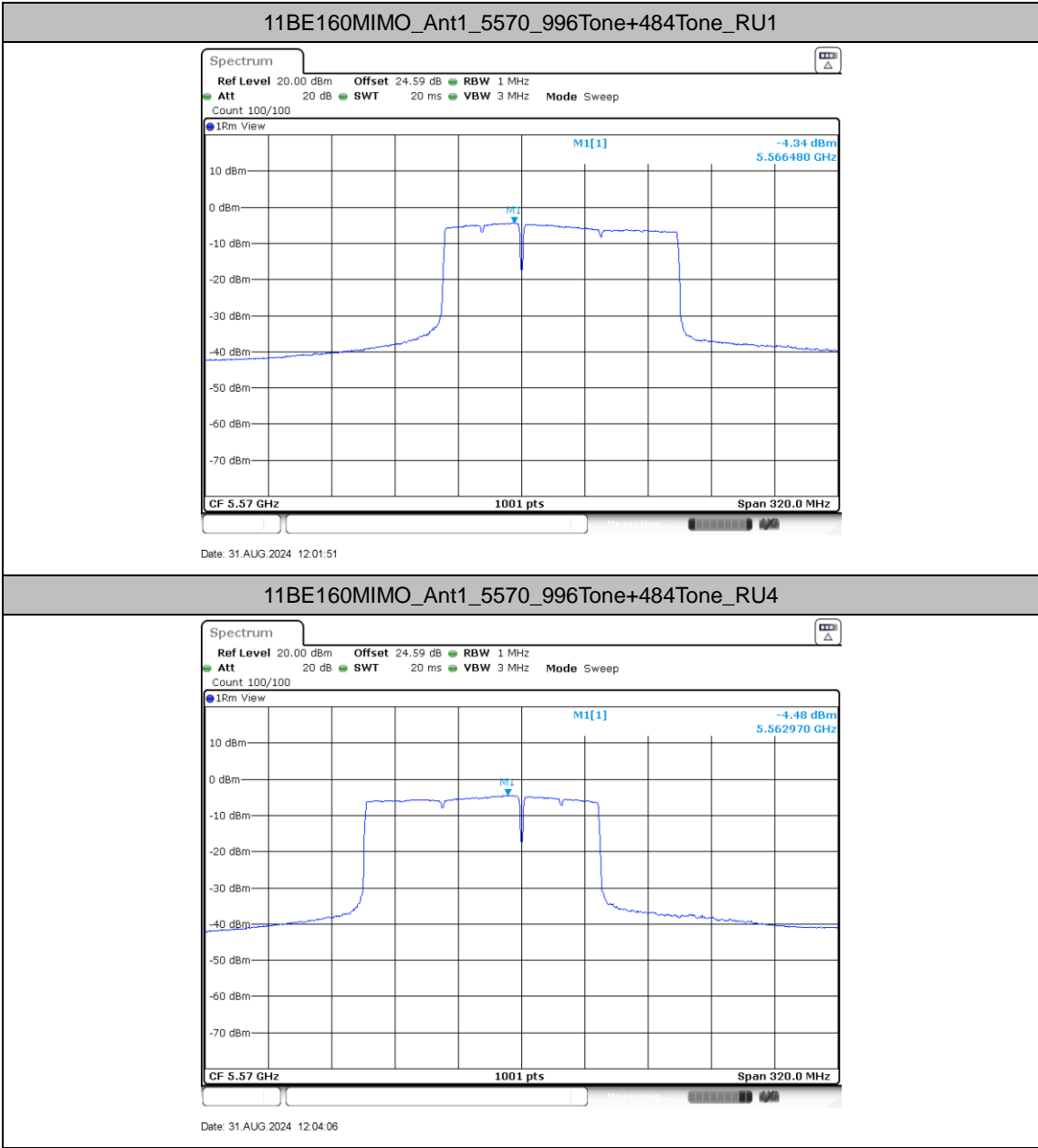


Date: 31.AUG.2024 10:59:23

11BE160MIMO\_Ant2\_5250\_UNII-2A\_996Tone+484Tone\_RU4

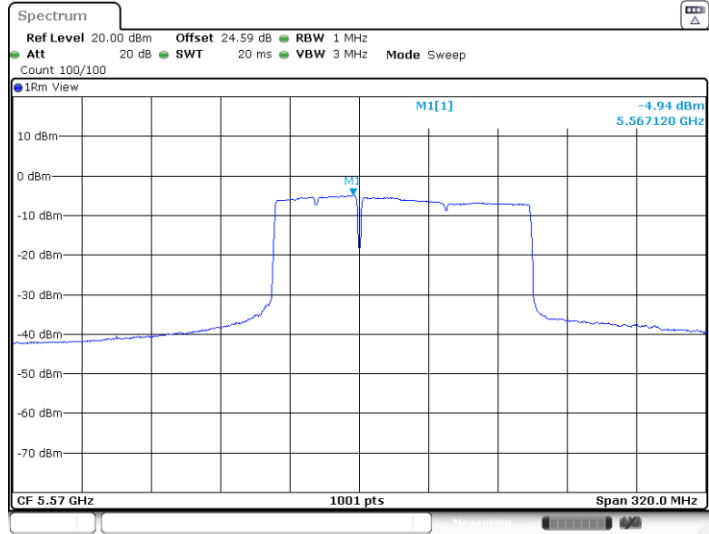


Date: 31.AUG.2024 12:01:06



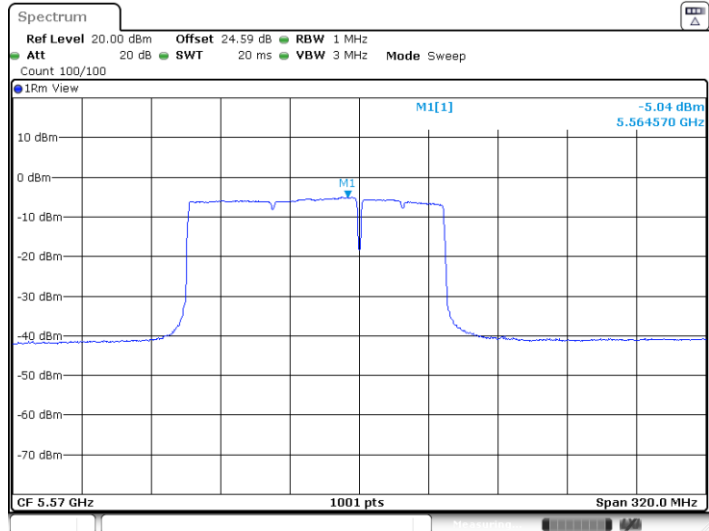


11BE160MIMO\_Ant2\_5570\_996Tone+484Tone\_RU1



Date: 31.AUG.2024 12:02:16

11BE160MIMO\_Ant2\_5570\_996Tone+484Tone\_RU4



Date: 31.AUG.2024 12:04:31



## <802.11be Puncturing>

### Maximum power spectral density

#### Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict	
11BE80MIMO	Ant1	5210	Puncturing 20M	RU4	-1.63	≤11.00	PASS	
	Ant2	5210	Puncturing 20M	RU4	-1.9	≤11.00	PASS	
	total	5210	Puncturing 20M	RU4	1.25	≤11.00	PASS	
	Ant1	5290	Puncturing 20M	RU1	-1.35	≤11.00	PASS	
	Ant2	5290	Puncturing 20M	RU1	-2.21	≤11.00	PASS	
	total	5290	Puncturing 20M	RU1	1.25	≤11.00	PASS	
	Ant1	5530	Puncturing 20M	RU4	-2.85	≤11.00	PASS	
	Ant2	5530	Puncturing 20M	RU4	-3.10	≤11.00	PASS	
	total	5530	Puncturing 20M	RU4	0.04	≤11.00	PASS	
	Ant1	5610	Puncturing 20M	RU1	-1.42	≤11.00	PASS	
	Ant2	5610	Puncturing 20M	RU1	-2.15	≤11.00	PASS	
	total	5610	Puncturing 20M	RU1	1.24	≤11.00	PASS	
	Ant1	5690_UNII-2C	Puncturing 20M	RU1	-1.8	≤11.00	PASS	
	Ant2	5690_UNII-2C	Puncturing 20M	RU1	-1.67	≤11.00	PASS	
	total	5690_UNII-2C	Puncturing 20M	RU1	1.28	≤11.00	PASS	
	Ant1	5690_UNII-3	Puncturing 20M	RU1	-4.62	≤30.00	PASS	
	Ant2	5690_UNII-3	Puncturing 20M	RU1	-4.58	≤30.00	PASS	
	total	5690_UNII-3	Puncturing 20M	RU1	-1.59	≤30.00	PASS	
	11BE160MIMO	Ant1	5250_UNII-1	Puncturing 20M	RU1	-4.69	≤11.00	PASS
				Puncturing 40M	RU1	-5.18	≤11.00	PASS
Puncturing 40M		RU4		-4.63	≤11.00	PASS		
Puncturing 20M		RU8		-5.23	≤11.00	PASS		
Ant2		5250_UNII-1	Puncturing 20M	RU1	-5.06	≤11.00	PASS	
			Puncturing 40M	RU1	-4.41	≤11.00	PASS	
			Puncturing 40M	RU4	-4.69	≤11.00	PASS	
total		5250_UNII-1	Puncturing 20M	RU8	-5.08	≤11.00	PASS	
			Puncturing 40M	RU1	-1.54	≤11.00	PASS	
			Puncturing 20M	RU1	-2.11	≤11.00	PASS	
			Puncturing 40M	RU4	-1.65	≤11.00	PASS	
Ant1		5250_UNII-2A	Puncturing 20M	RU8	-2.14	≤11.00	PASS	
	Puncturing 20M		RU1	-5.23	≤11.00	PASS		
	Puncturing 40M		RU1	-4.75	≤11.00	PASS		
	Puncturing 40M		RU4	-4.7	≤11.00	PASS		
			Puncturing 20M	RU8	-5.3	≤11.00	PASS	



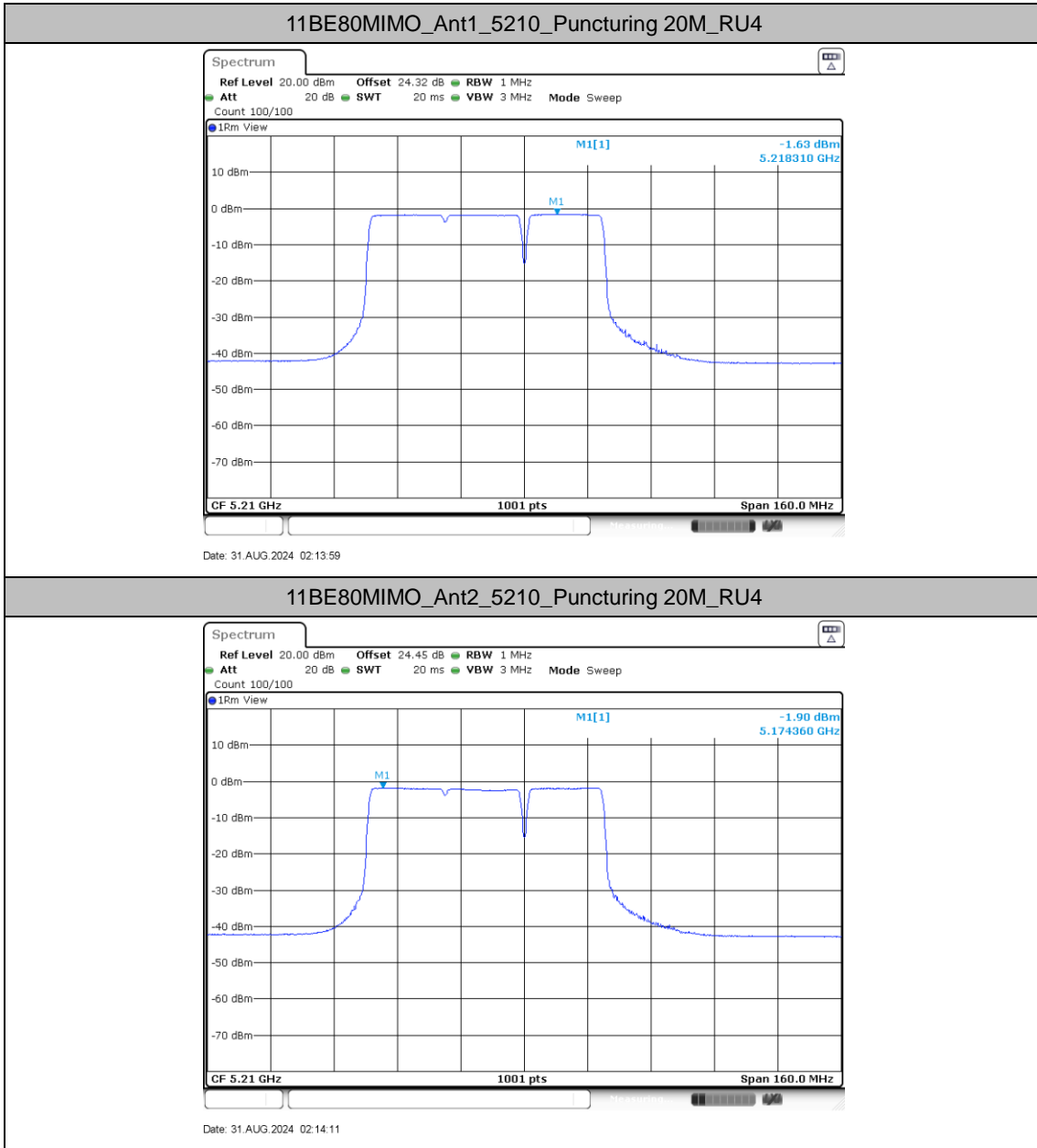
	Ant2	5250_UNII-2A	Puncturing 40M	RU1	-4.36	≤11.00	PASS	
			Puncturing 20M	RU1	-4.99	≤11.00	PASS	
			Puncturing 40M	RU4	-4.67	≤11.00	PASS	
			Puncturing 20M	RU8	-5.02	≤11.00	PASS	
	total	5250_UNII-2A	Puncturing 20M	RU1	-2.10	≤11.00	PASS	
			Puncturing 40M	RU1	-1.54	≤11.00	PASS	
				RU4	-1.67	≤11.00	PASS	
	Puncturing 20M	RU8	-2.15	≤11.00	PASS			
		Ant1	5570	Puncturing 20M	RU1	-4.80	≤11.00	PASS
				Puncturing 40M	RU1	-4.70	≤11.00	PASS
	RU4				-4.78	≤11.00	PASS	
	Puncturing 20M	RU8	-4.86	≤11.00	PASS			
	Ant2	5570	Puncturing 20M	RU1	-5.57	≤11.00	PASS	
			Puncturing 40M	RU1	-5.55	≤11.00	PASS	
				RU4	-5.74	≤11.00	PASS	
	Puncturing 20M	RU8	-5.65	≤11.00	PASS			
total	5570	Puncturing 40M	RU1	-2.09	≤11.00	PASS		
		Puncturing 20M	RU1	-2.16	≤11.00	PASS		
		Puncturing 40M	RU4	-2.22	≤11.00	PASS		
		Puncturing 20M	RU8	-2.23	≤11.00	PASS		

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
 2.The Duty Cycle Factor is compensated in the graph.



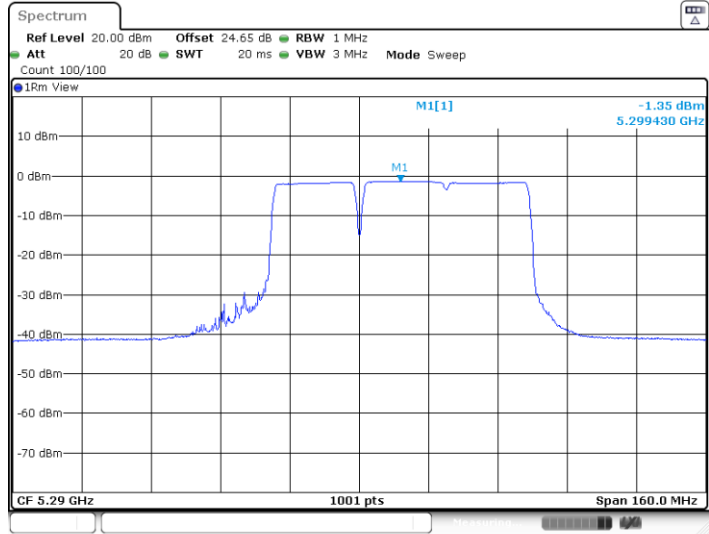


Test Graphs



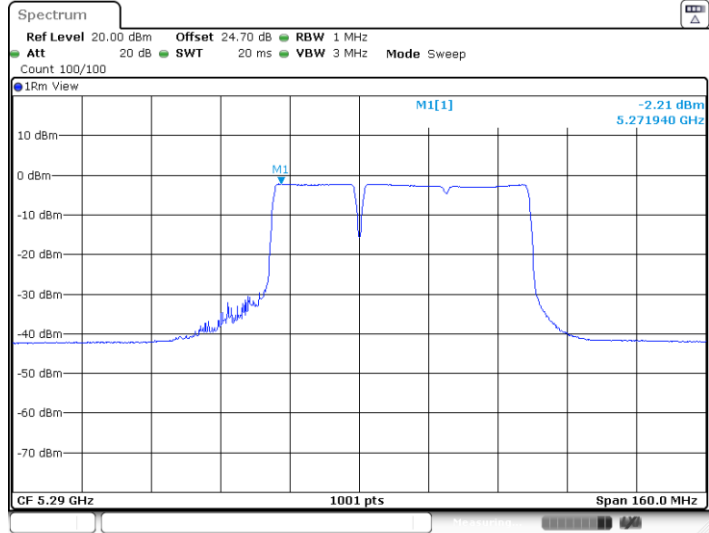


11BE80MIMO\_Ant1\_5290\_Puncturing 20M\_RU1



Date: 31.AUG.2024 02:17:04

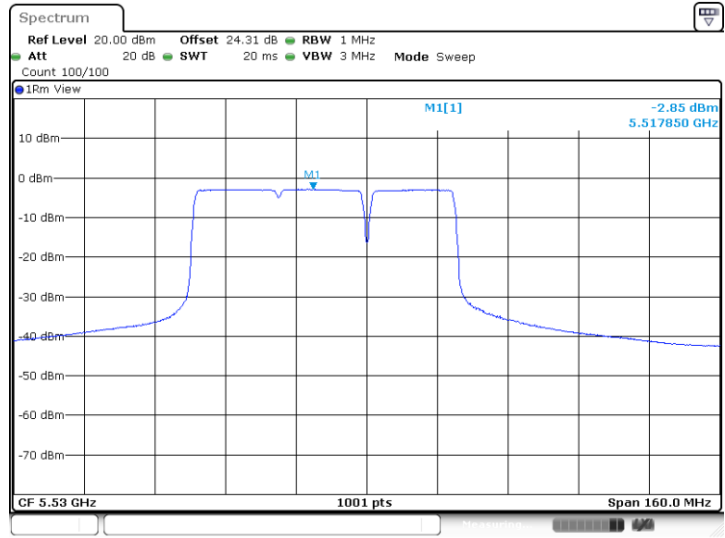
11BE80MIMO\_Ant2\_5290\_Puncturing 20M\_RU1



Date: 31.AUG.2024 02:17:15

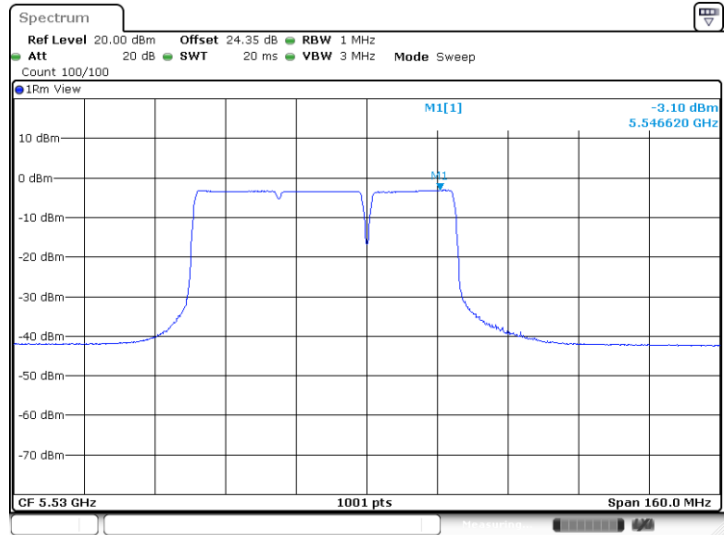


11BE80MIMO\_Ant1\_5530\_Puncturing 20M\_RU4



Date: 6.SEP.2024 01:44:42

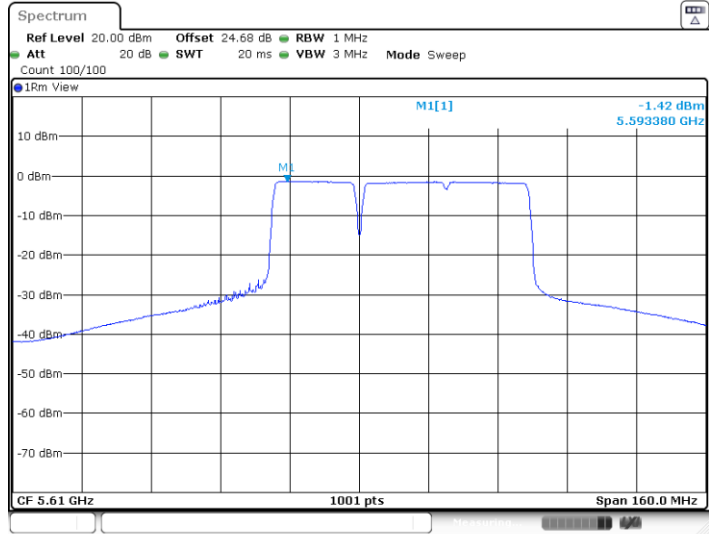
11BE80MIMO\_Ant2\_5530\_Puncturing 20M\_RU4



Date: 6.SEP.2024 01:44:52

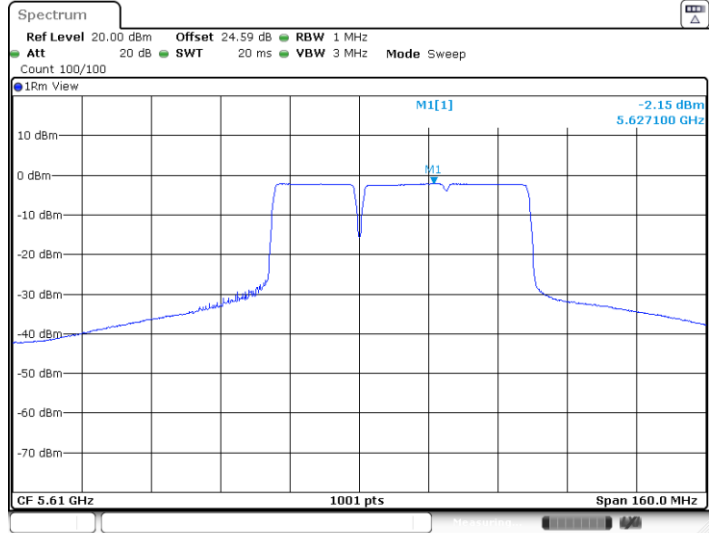


11BE80MIMO\_Ant1\_5610\_Puncturing 20M\_RU1



Date: 31.AUG.2024 02:42:19

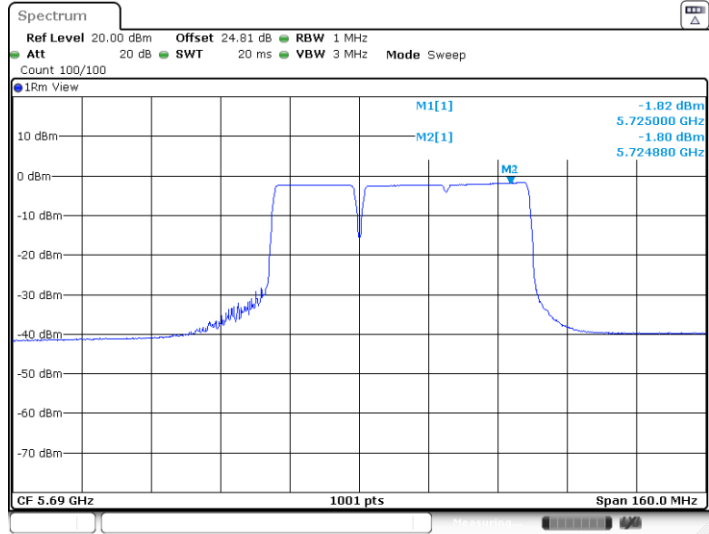
11BE80MIMO\_Ant2\_5610\_Puncturing 20M\_RU1



Date: 31.AUG.2024 02:42:30

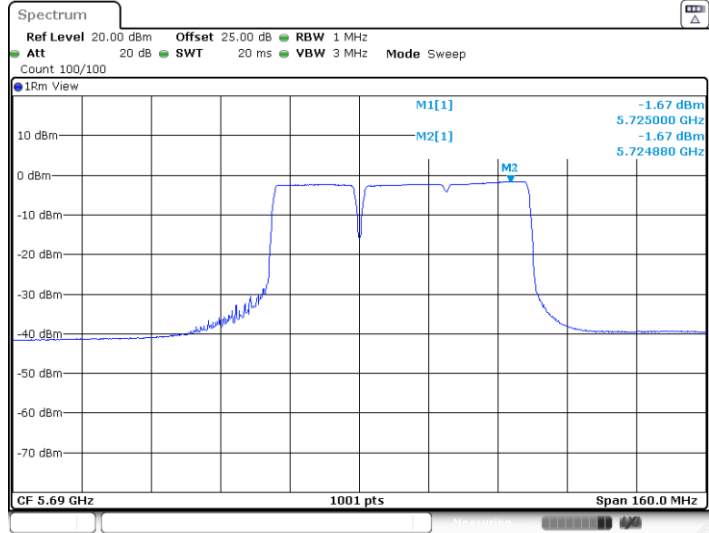


11BE80MIMO\_Ant1\_5690\_UNII-2C\_Puncturing 20M\_RU1



Date: 31.AUG.2024 02:48:14

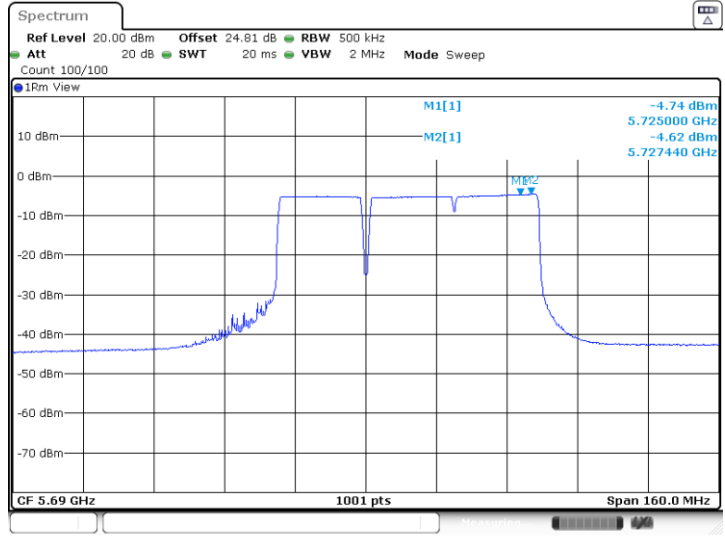
11BE80MIMO\_Ant2\_5690\_UNII-2C\_Puncturing 20M\_RU1



Date: 31.AUG.2024 02:48:46

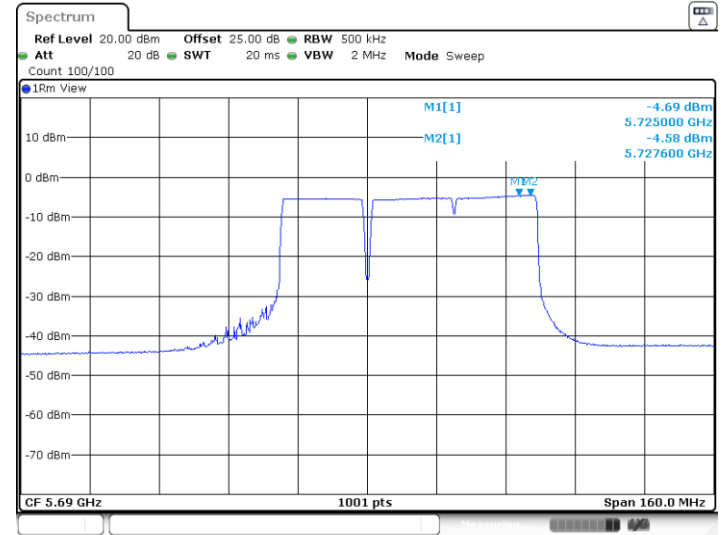


11BE80MIMO\_Ant1\_5690\_UNII-3\_Puncturing 20M\_RU1

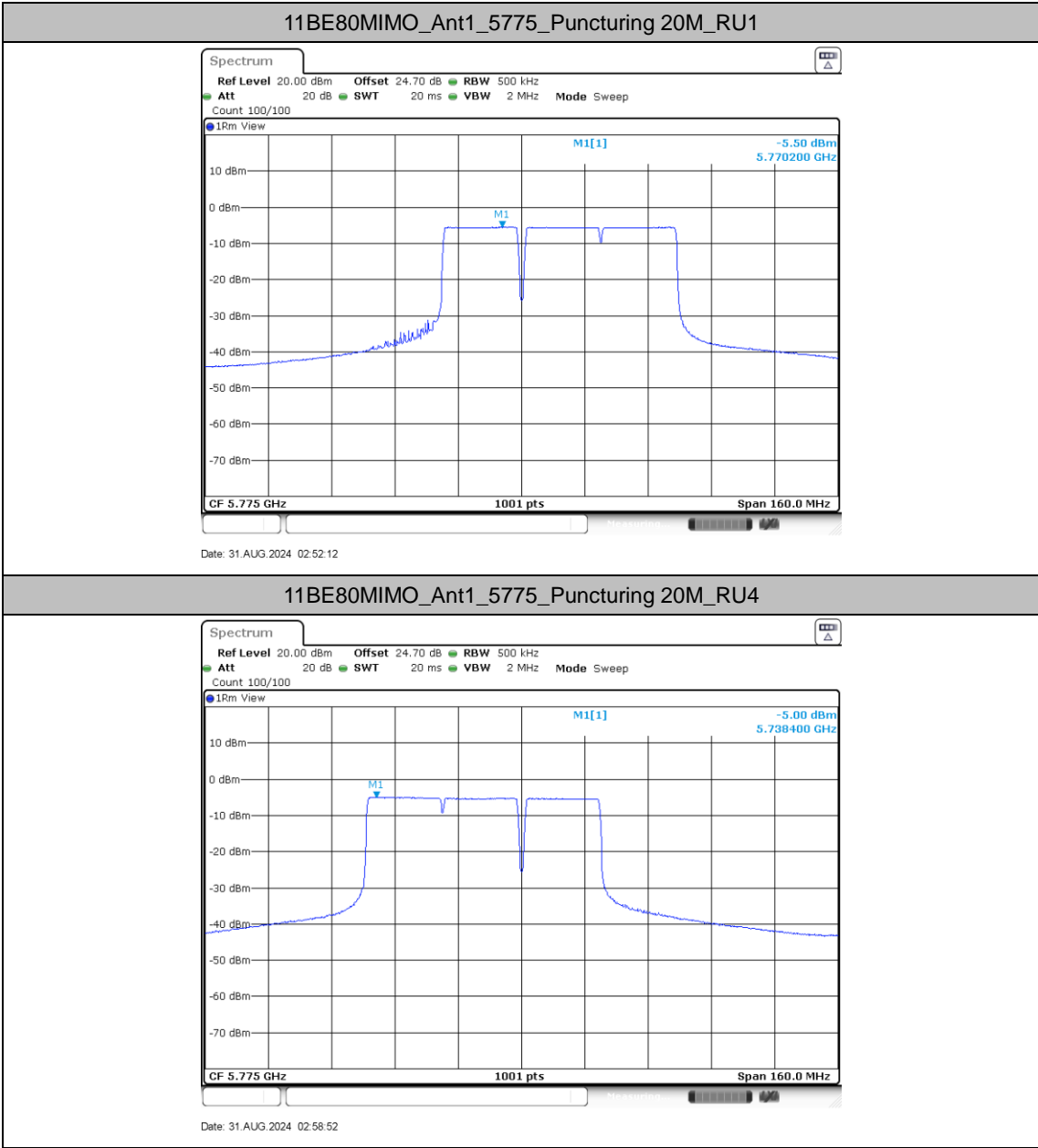


Date: 31.AUG.2024 02:48:25

11BE80MIMO\_Ant2\_5690\_UNII-3\_Puncturing 20M\_RU1

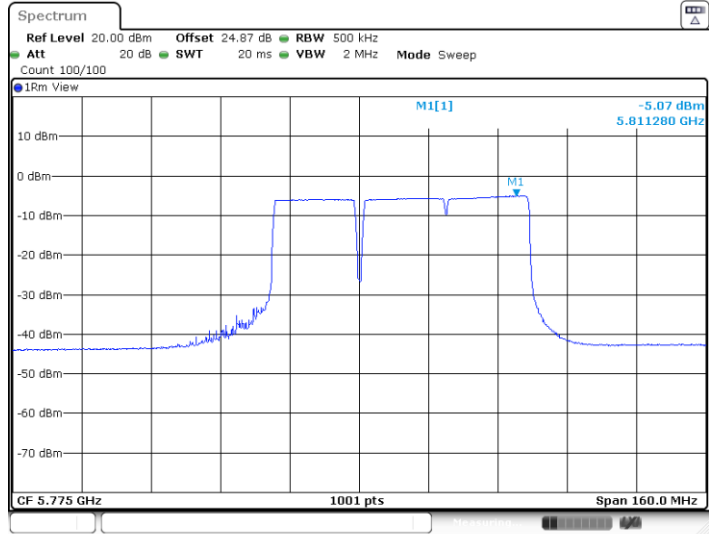


Date: 31.AUG.2024 02:48:57



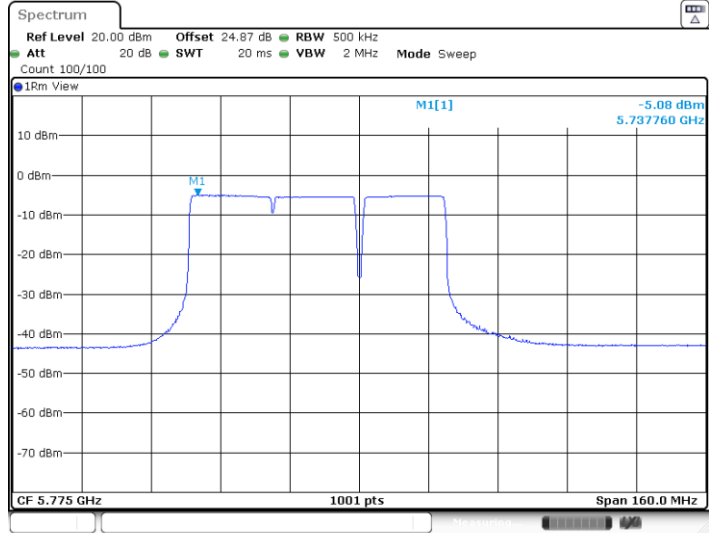


11BE80MIMO\_Ant2\_5775\_Puncturing 20M\_RU1



Date: 31.AUG.2024 02:52:23

11BE80MIMO\_Ant2\_5775\_Puncturing 20M\_RU4

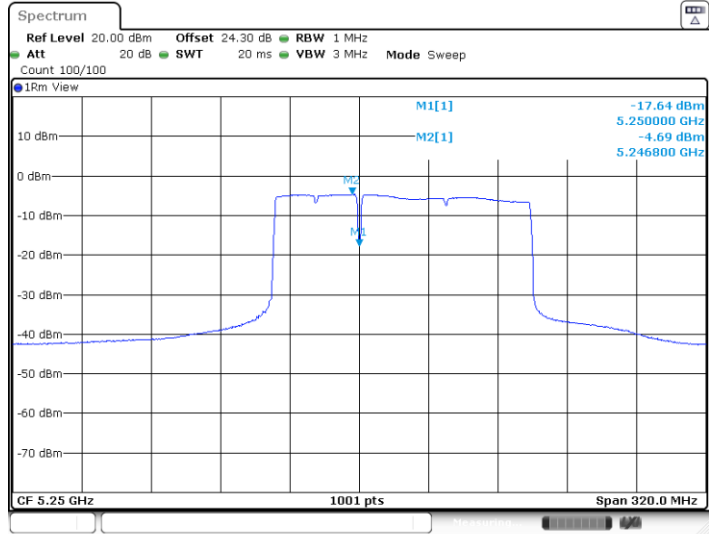


Date: 31.AUG.2024 02:59:03



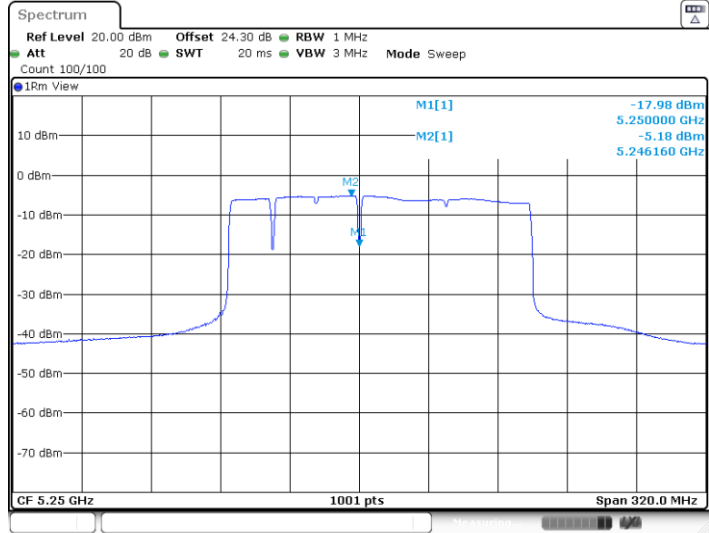


11BE160MIMO\_Ant1\_5250\_UNII-1\_Puncturing 40M\_RU1



Date: 31.AUG.2024 03:05:03

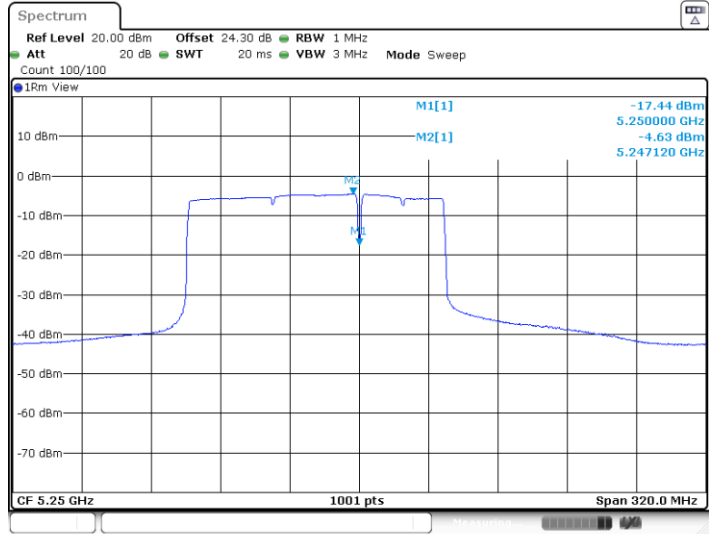
11BE160MIMO\_Ant1\_5250\_UNII-1\_Puncturing 20M\_RU1



Date: 31.AUG.2024 03:03:05

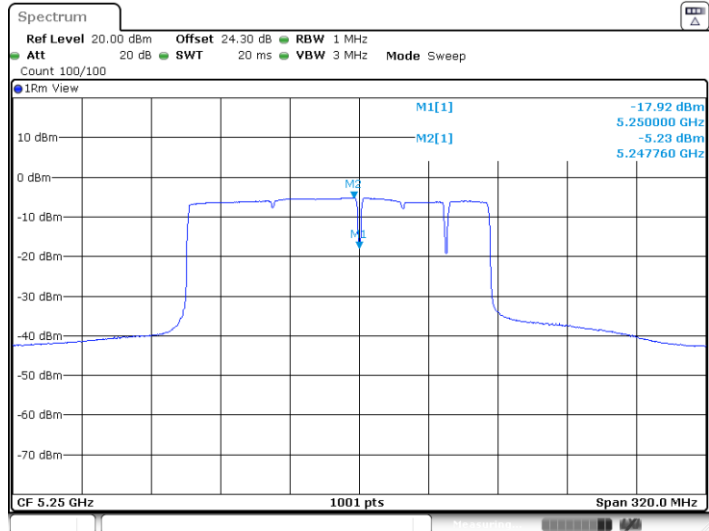


11BE160MIMO\_Ant1\_5250\_UNII-1\_Puncturing 40M\_RU4

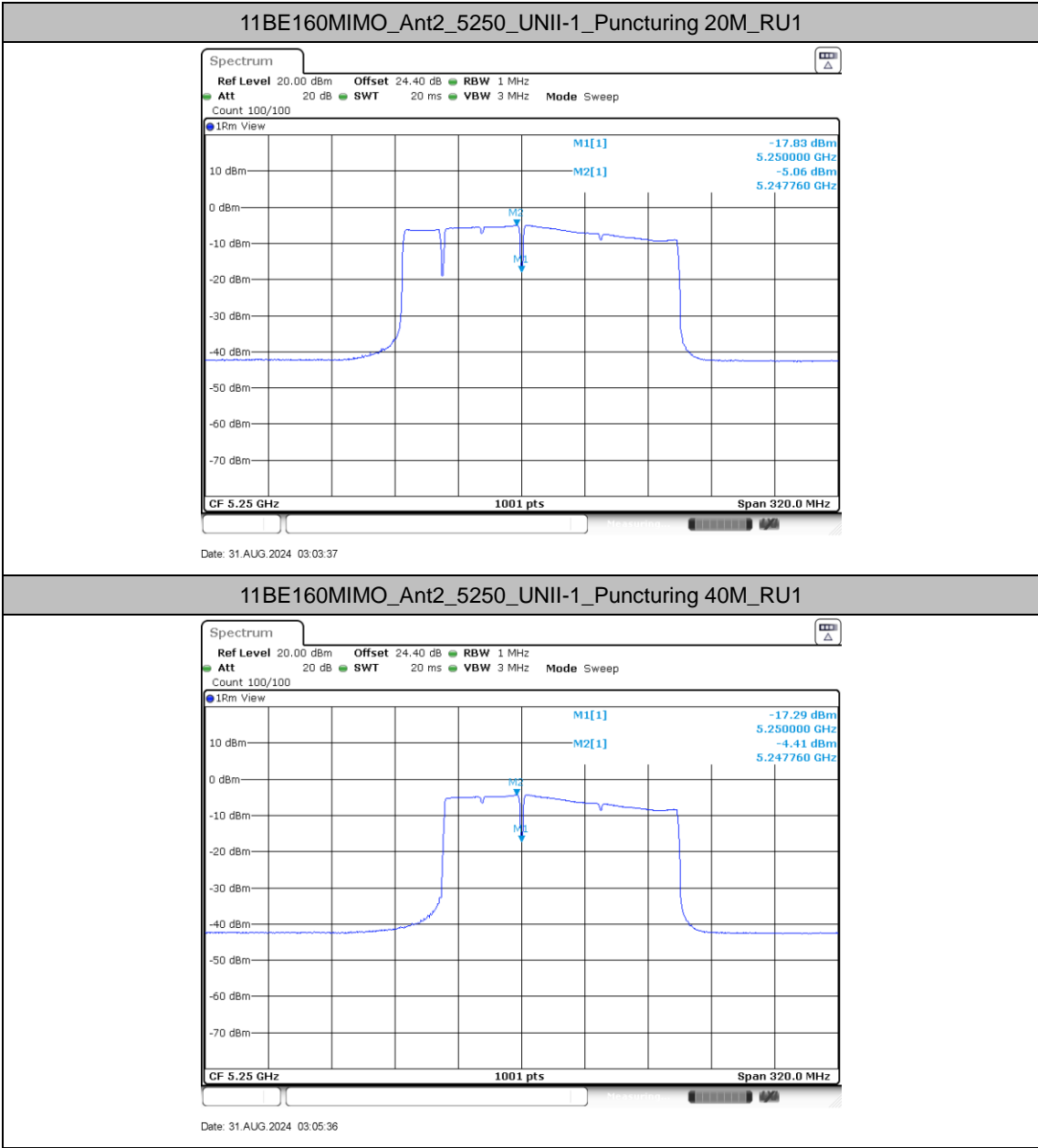


Date: 31.AUG.2024 03:10:55

11BE160MIMO\_Ant1\_5250\_UNII-1\_Puncturing 20M\_RU8

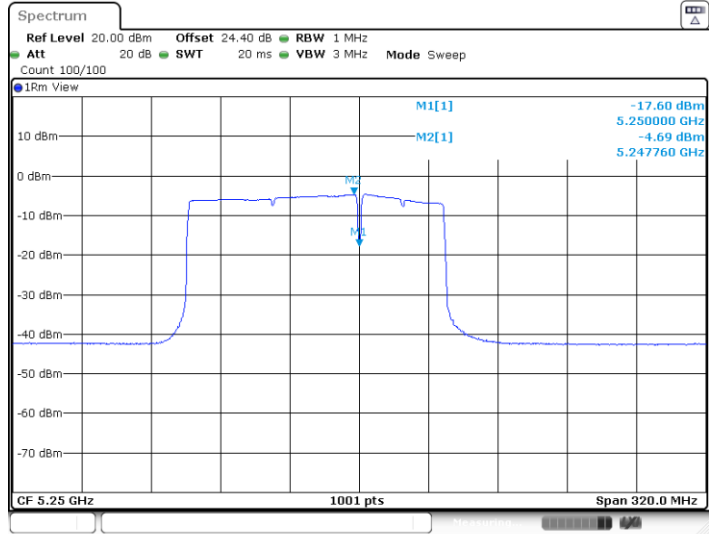


Date: 31.AUG.2024 03:13:54



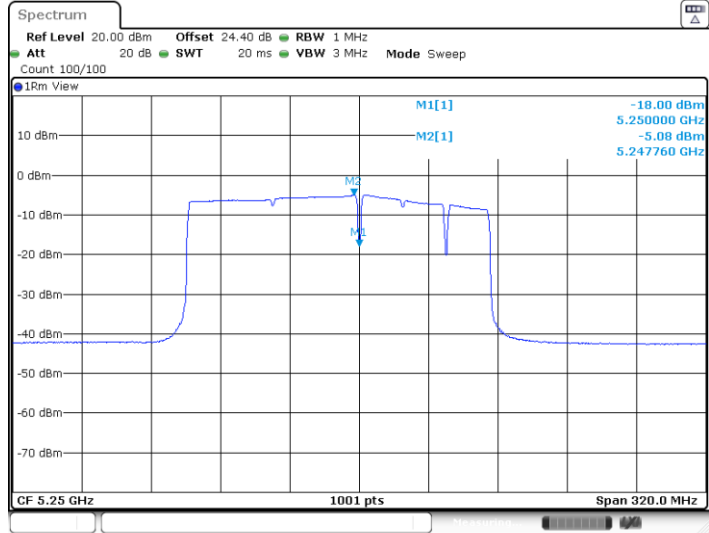


11BE160MIMO\_Ant2\_5250\_UNII-1\_Puncturing 40M\_RU4



Date: 31.AUG.2024 03:11:28

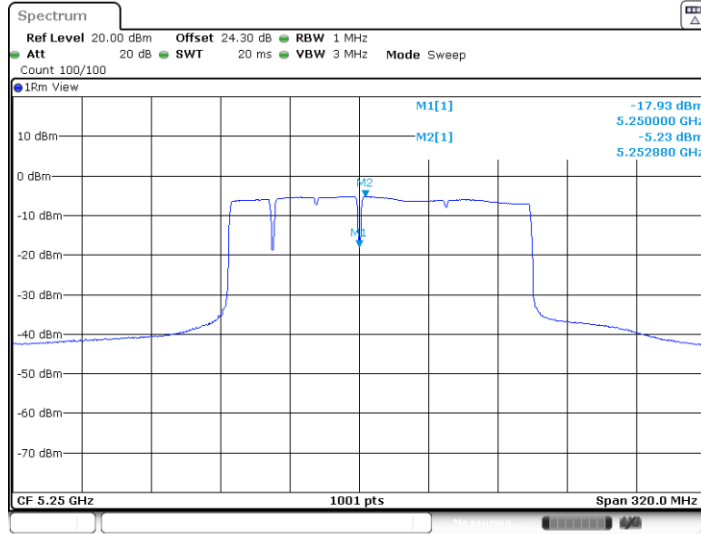
11BE160MIMO\_Ant2\_5250\_UNII-1\_Puncturing 20M\_RU8



Date: 31.AUG.2024 03:14:26

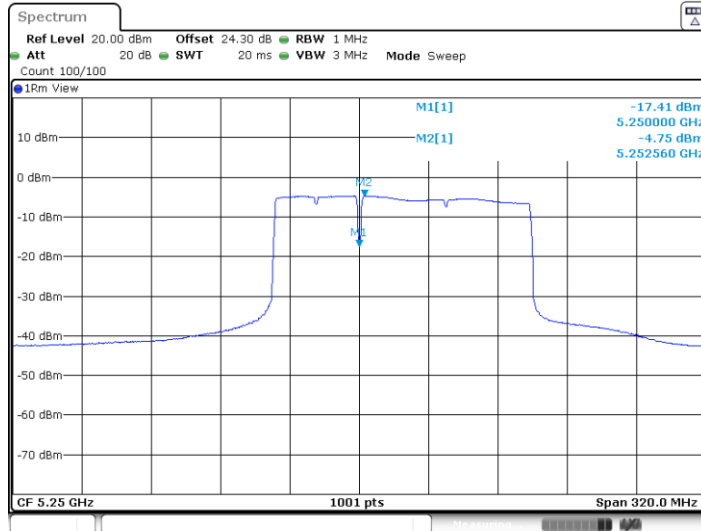


11BE160MIMO\_Ant1\_5250\_UNII-2A\_Puncturing 20M\_RU1



Date: 31.AUG.2024 03:03:15

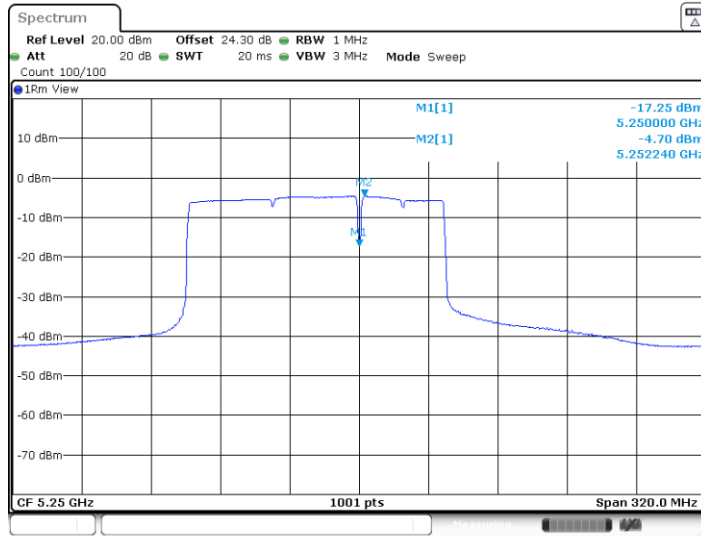
11BE160MIMO\_Ant1\_5250\_UNII-2A\_Puncturing 40M\_RU1



Date: 31.AUG.2024 03:05:13

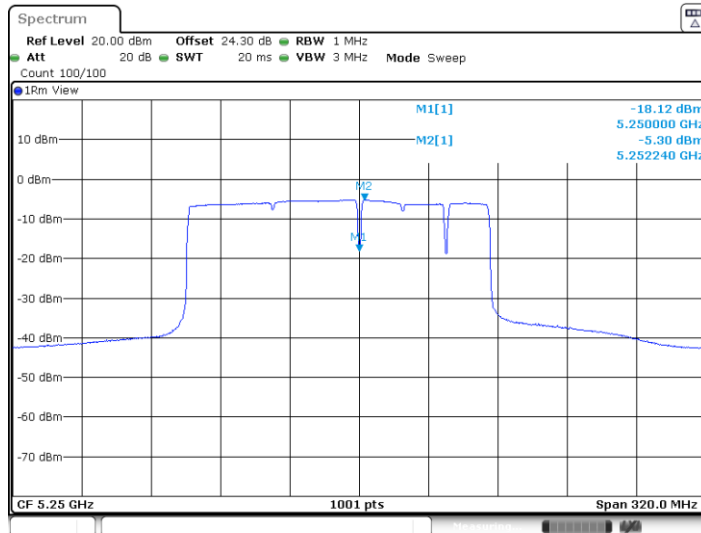


11BE160MIMO\_Ant1\_5250\_UNII-2A\_Puncturing 40M\_RU4

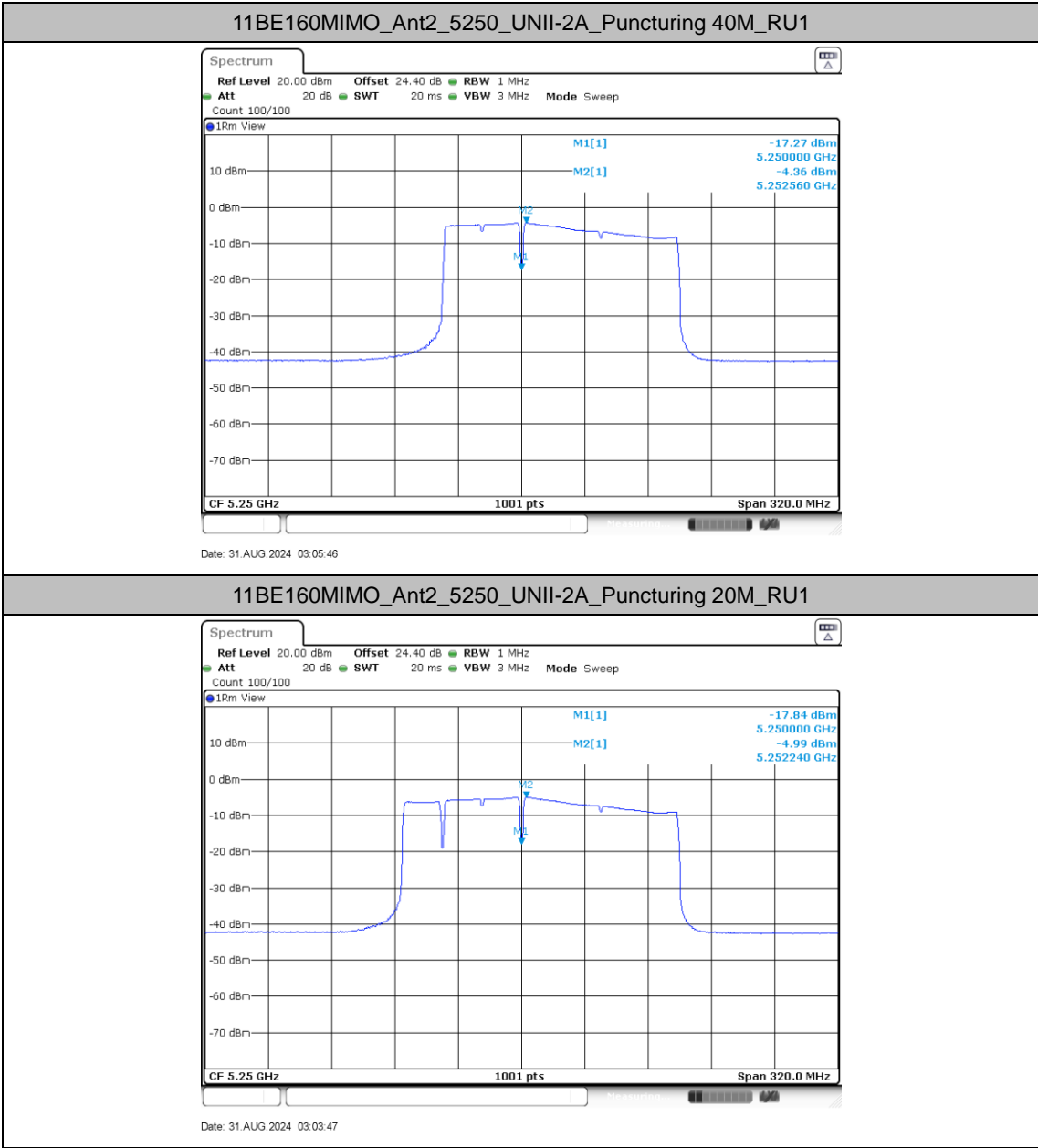


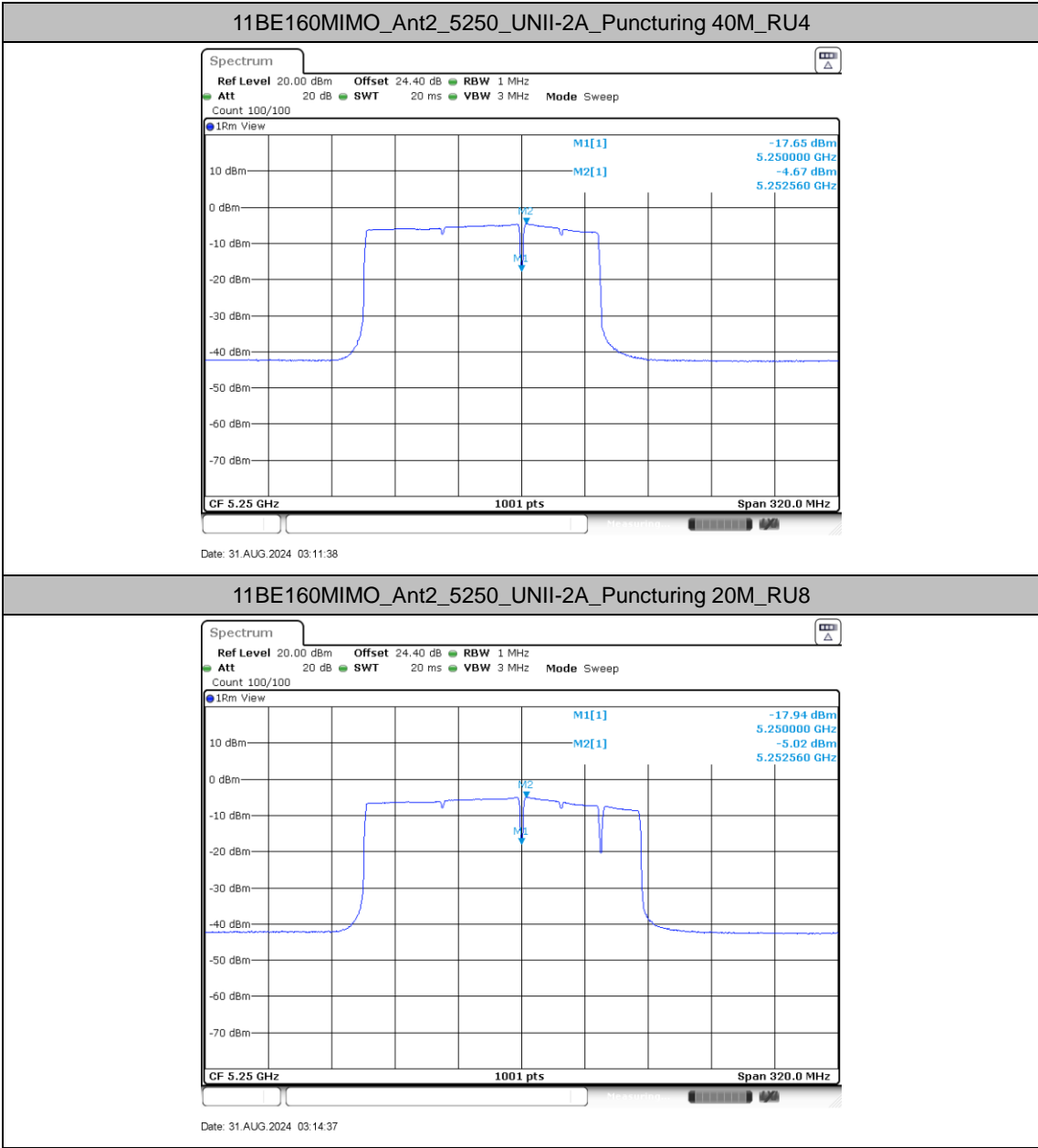
Date: 31.AUG.2024 03:11:06

11BE160MIMO\_Ant1\_5250\_UNII-2A\_Puncturing 20M\_RU8



Date: 31.AUG.2024 03:14:05

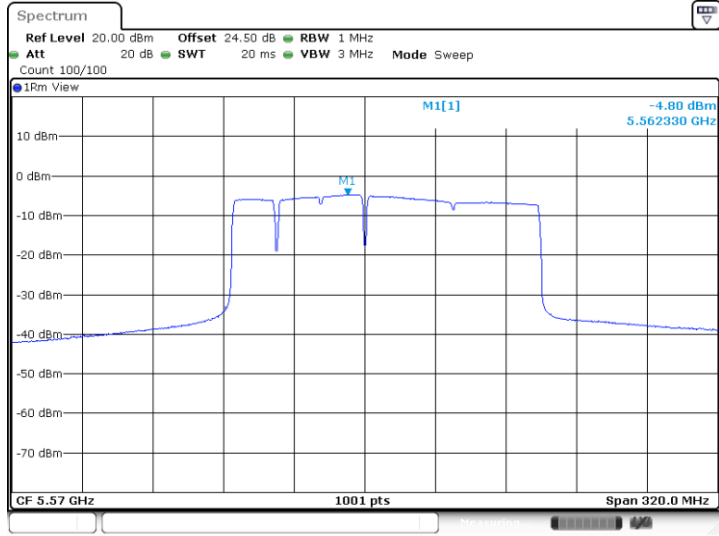






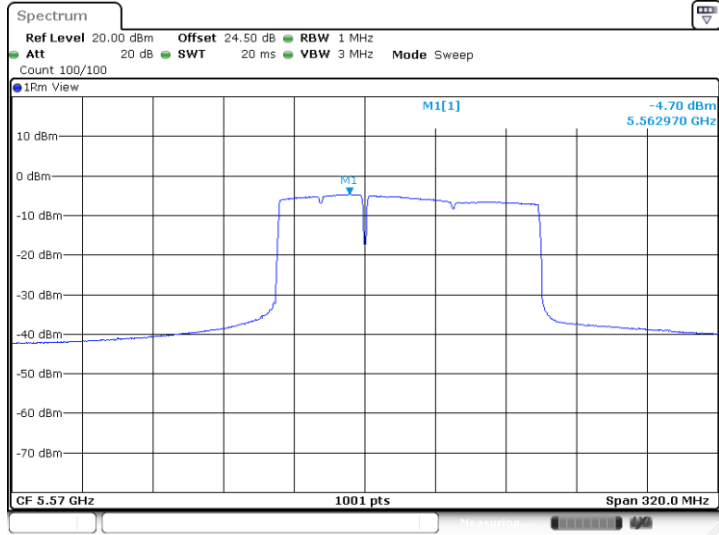


11BE160MIMO\_Ant1\_5570\_Puncturing 20M\_RU1



Date: 6.SEP.2024 02:32:37

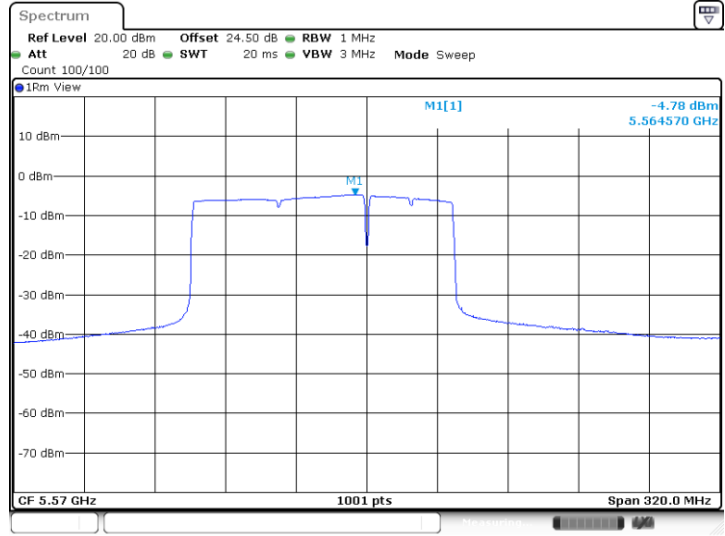
11BE160MIMO\_Ant1\_5570\_Puncturing 40M\_RU1



Date: 6.SEP.2024 02:33:19

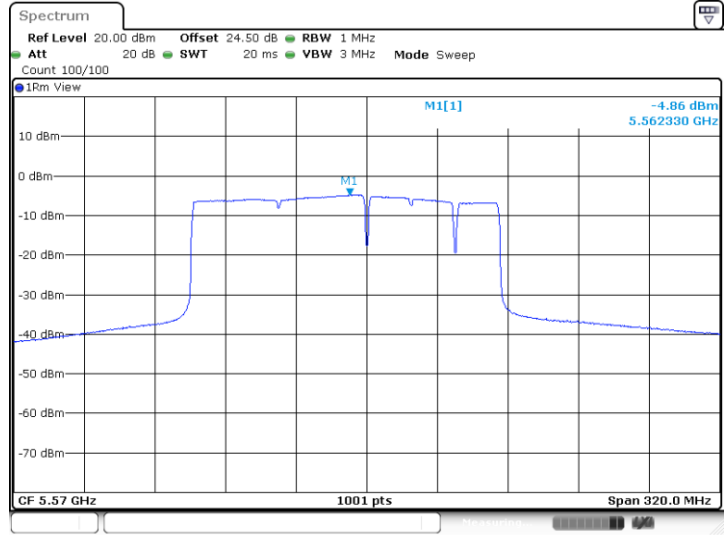


11BE160MIMO\_Ant1\_5570\_Puncturing 40M\_RU4



Date: 6.SEP.2024 02:34:08

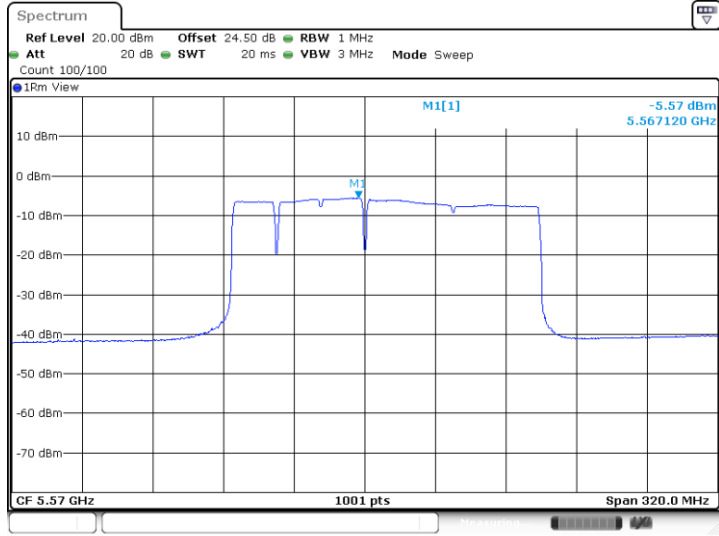
11BE160MIMO\_Ant1\_5570\_Puncturing 20M\_RU8



Date: 6.SEP.2024 02:35:10

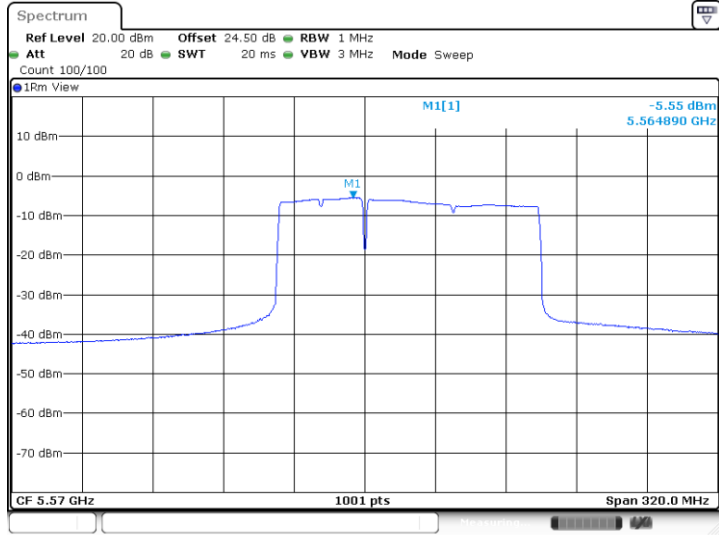


11BE160MIMO\_Ant2\_5570\_Puncturing 20M\_RU1



Date: 6.SEP.2024 02:32:48

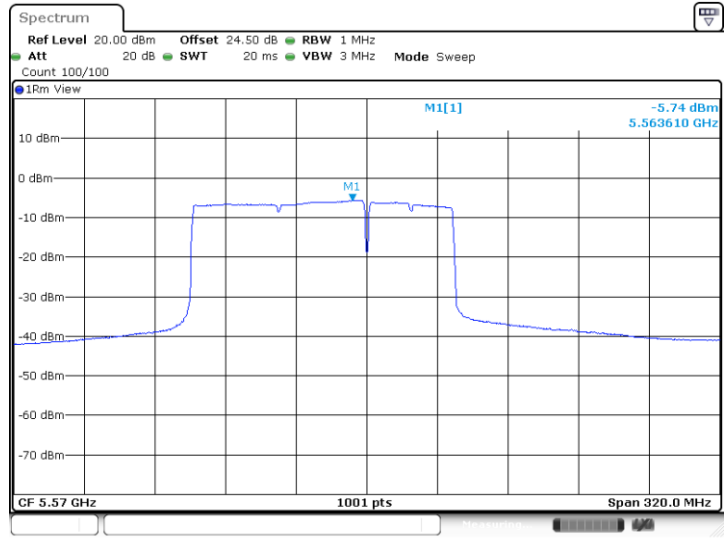
11BE160MIMO\_Ant2\_5570\_Puncturing 40M\_RU1



Date: 6.SEP.2024 02:33:30

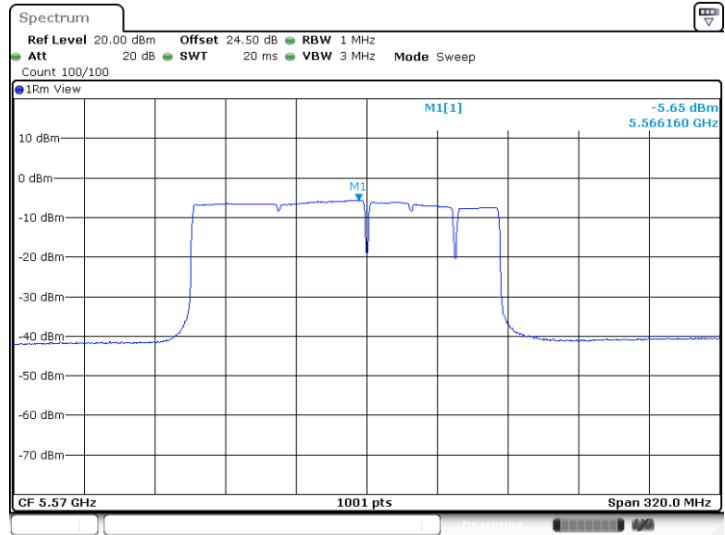


11BE160MIMO\_Ant2\_5570\_Puncturing 40M\_RU4



Date: 6.SEP.2024 02:34:20

11BE160MIMO\_Ant2\_5570\_Puncturing 20M\_RU8



Date: 6.SEP.2024 02:35:22



### <802.11be Small RU>

### Maximum power spectral density

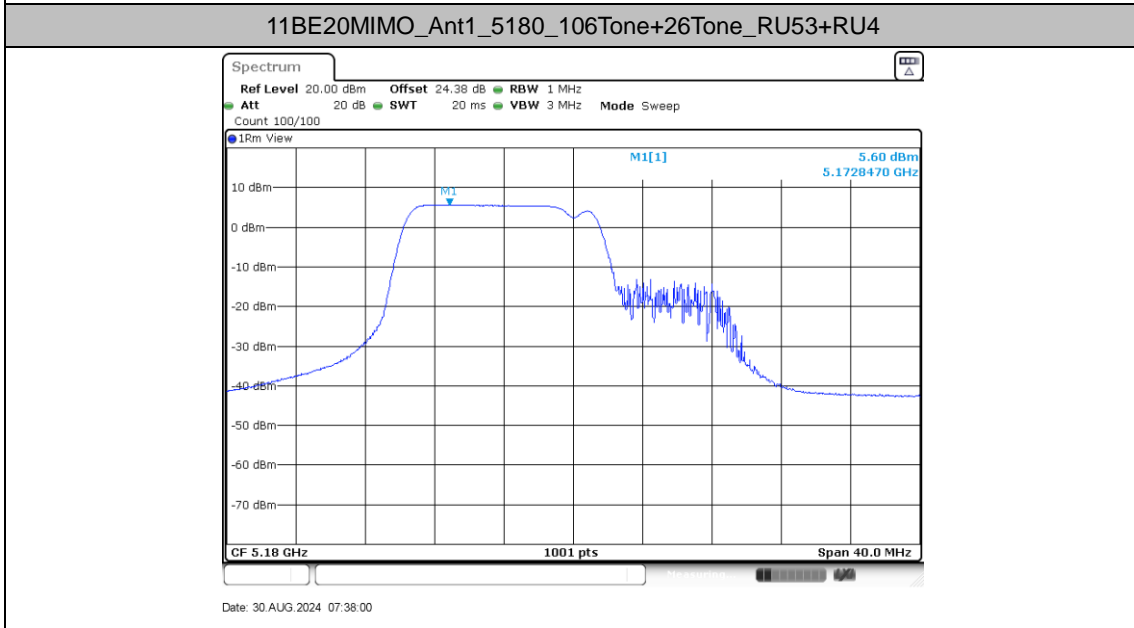
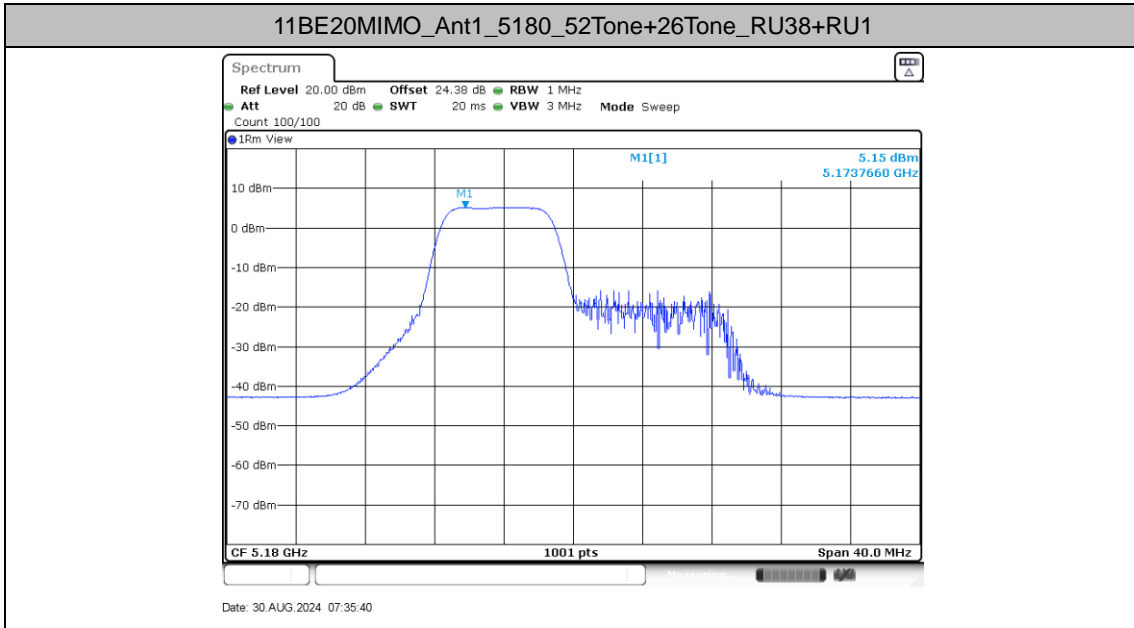
### Test Result

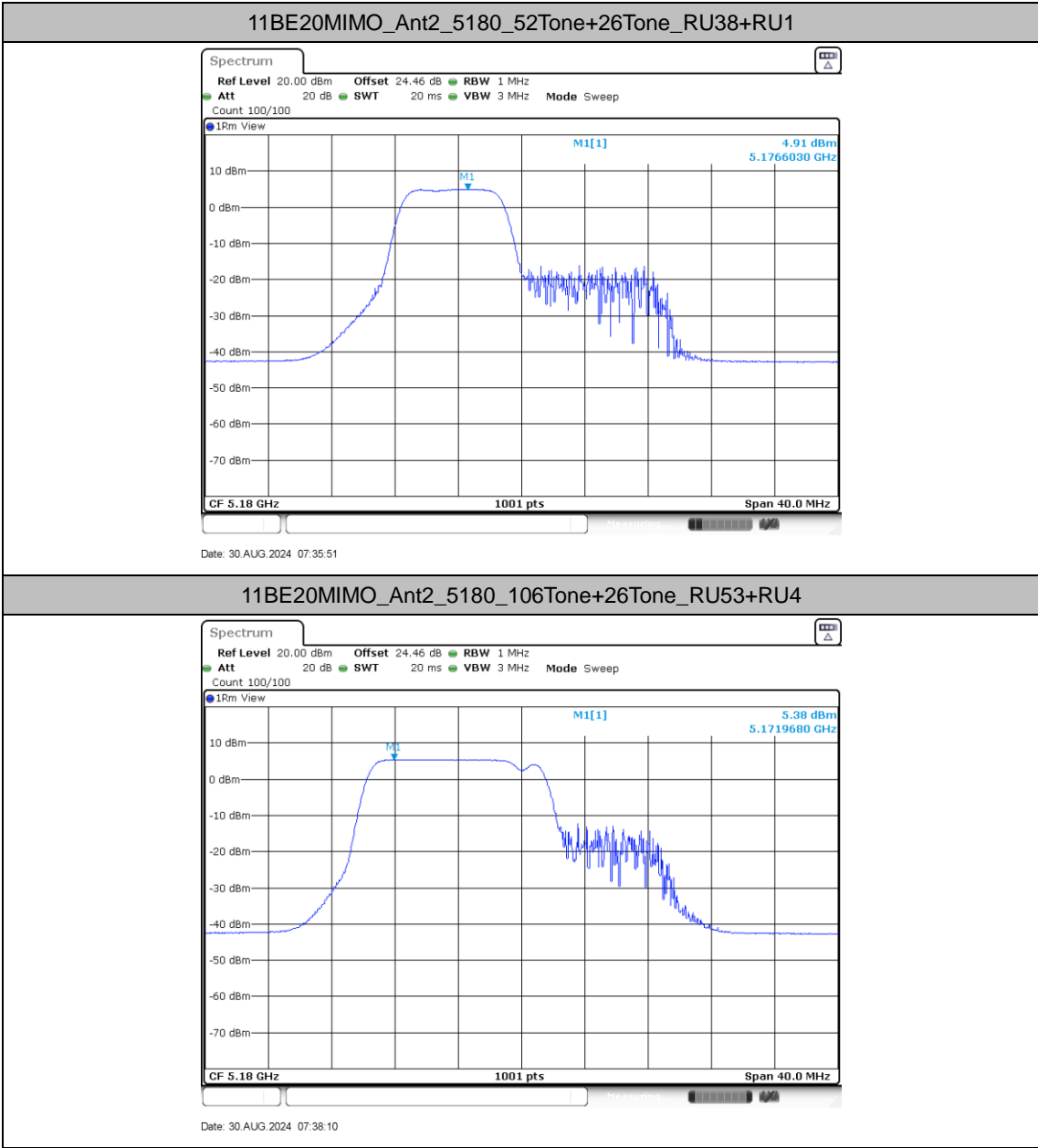
Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm /MHz]	Limit [dBm /MHz]	Verdict
11BE20MIMO	Ant1	5180	52Tone+26Tone	RU38+RU1	5.15	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	5.6	≤11.00	PASS
	Ant2	5180	52Tone+26Tone	RU38+RU1	4.91	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	5.38	≤11.00	PASS
	total	5180	52Tone+26Tone	RU38+RU1	8.04	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	8.50	≤11.00	PASS
	Ant1	5320	52Tone+26Tone	RU39+RU7	5.48	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	5.54	≤11.00	PASS
	Ant2	5320	52Tone+26Tone	RU39+RU7	4.49	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	4.38	≤11.00	PASS
	total	5320	52Tone+26Tone	RU39+RU7	8.02	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	8.01	≤11.00	PASS
	Ant1	5500	52Tone+26Tone	RU38+RU1	5.19	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	5.05	≤11.00	PASS
	Ant2	5500	52Tone+26Tone	RU38+RU1	5.5	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	5.28	≤11.00	PASS
	total	5500	52Tone+26Tone	RU38+RU1	8.36	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	8.18	≤11.00	PASS
	Ant1	5700	52Tone+26Tone	RU39+RU7	5.31	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	5.11	≤11.00	PASS
	Ant2	5700	52Tone+26Tone	RU39+RU7	5.39	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	5.16	≤11.00	PASS
	total	5700	52Tone+26Tone	RU39+RU7	8.36	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	8.15	≤11.00	PASS
	Ant1	5745	52Tone+26Tone	RU38+RU1	2.22	≤30.00	PASS
			106Tone+26Tone	RU53+RU4	2.01	≤30.00	PASS
	Ant2	5745	52Tone+26Tone	RU38+RU1	2.2	≤30.00	PASS
			106Tone+26Tone	RU53+RU4	2.06	≤30.00	PASS
total	5745	52Tone+26Tone	RU38+RU1	5.22	≤30.00	PASS	
		106Tone+26Tone	RU53+RU4	5.05	≤30.00	PASS	
Ant1	5825	52Tone+26Tone	RU39+RU7	1.77	≤30.00	PASS	
		106Tone+26Tone	RU54+RU4	1.58	≤30.00	PASS	
Ant2	5825	52Tone+26Tone	RU39+RU7	1.82	≤30.00	PASS	
		106Tone+26Tone	RU54+RU4	1.72	≤30.00	PASS	
total	5825	52Tone+26Tone	RU39+RU7	4.81	≤30.00	PASS	
		106Tone+26Tone	RU54+RU4	4.66	≤30.00	PASS	

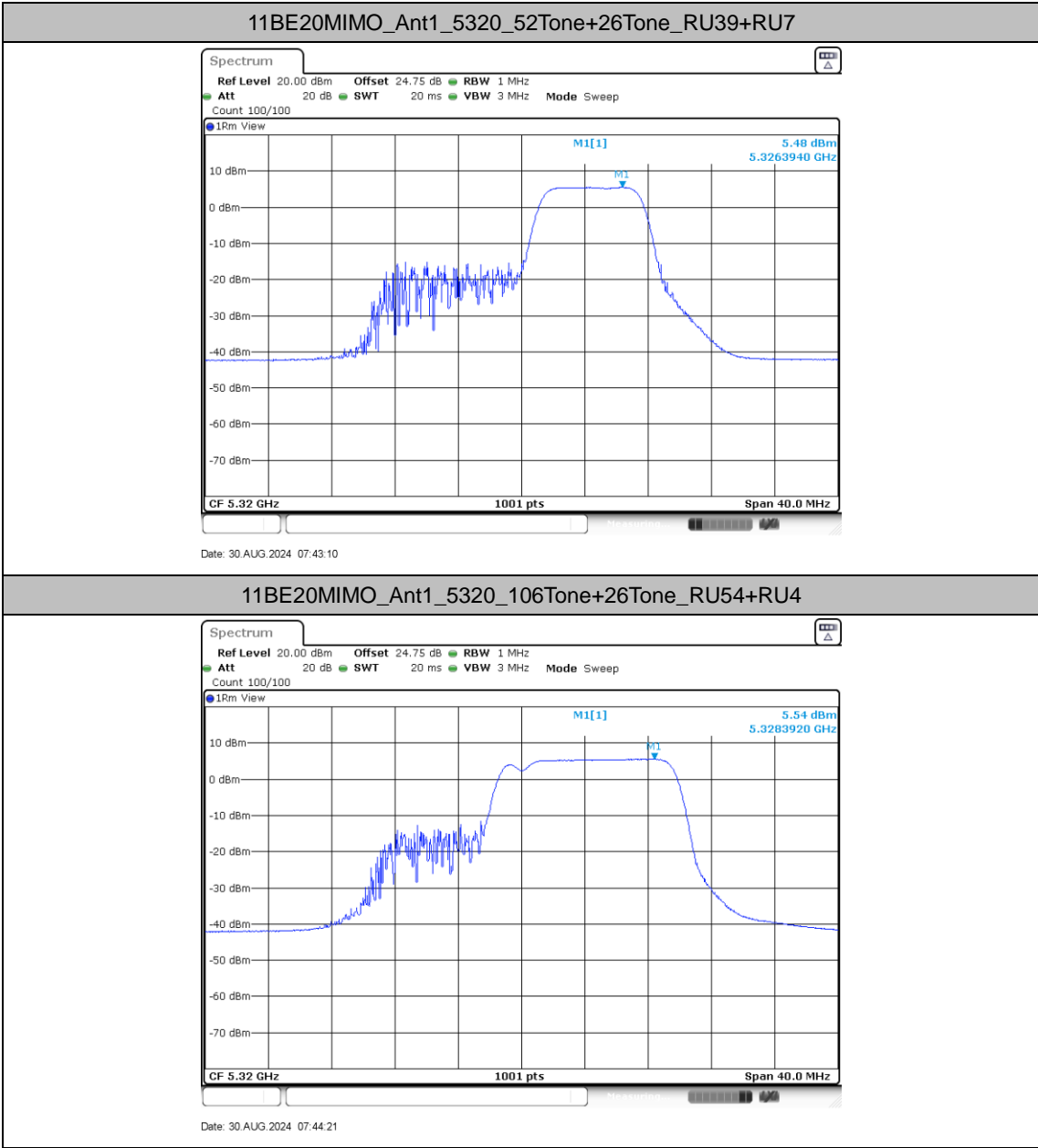
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor is compensated in the graph.



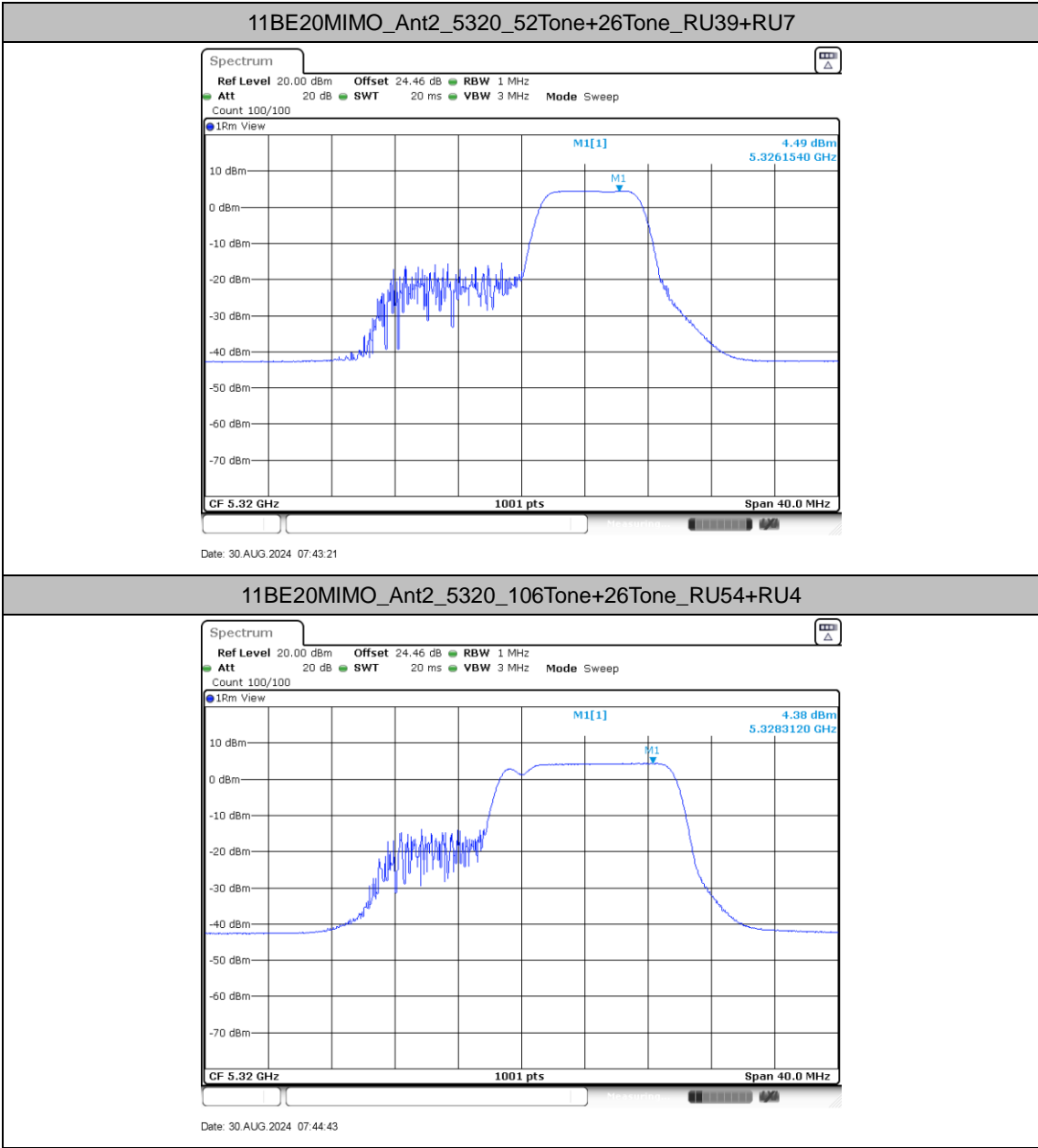
Test Graphs

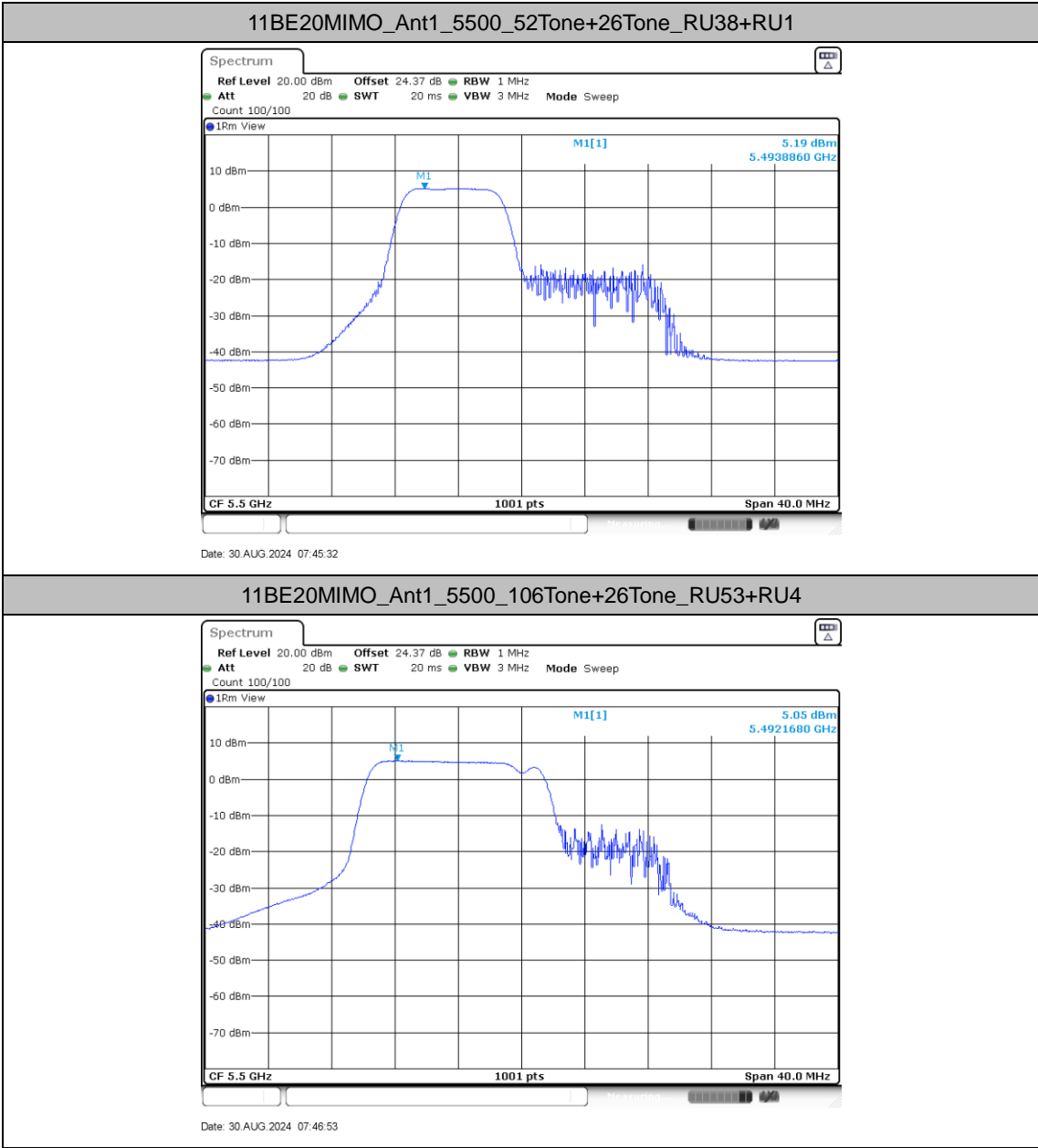






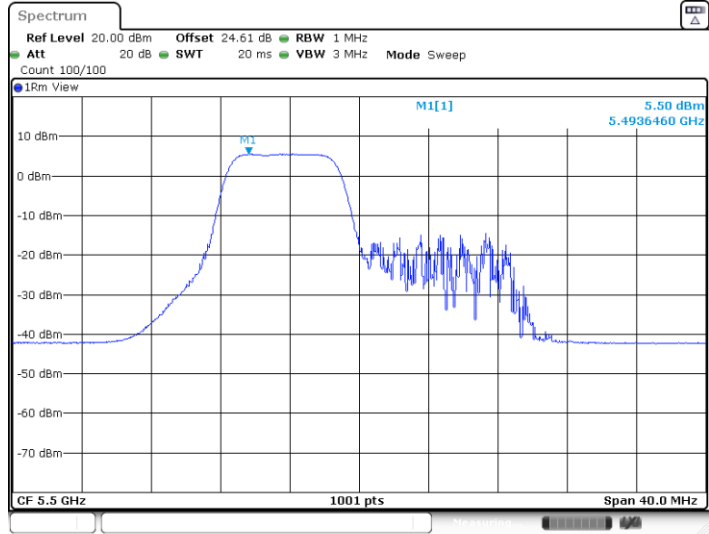






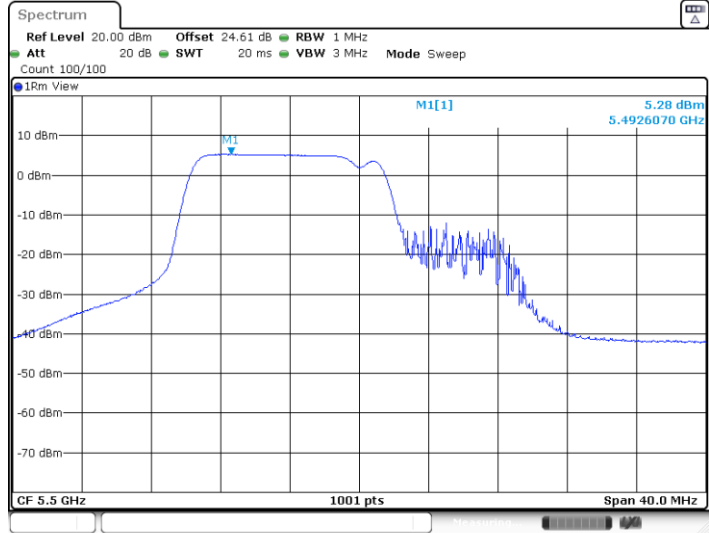


11BE20MIMO\_Ant2\_5500\_52Tone+26Tone\_RU38+RU1

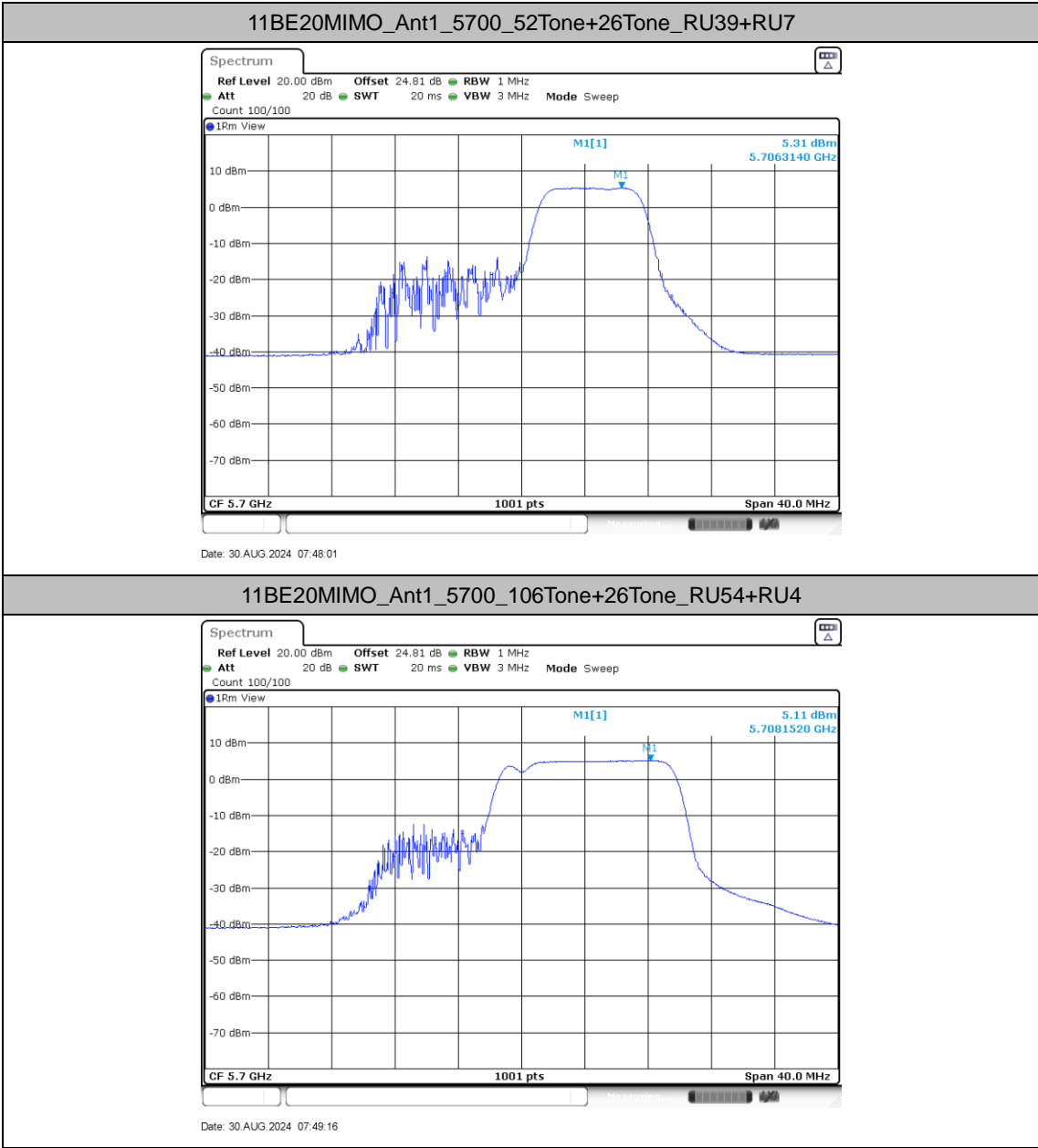


Date: 30 AUG 2024 07:45:53

11BE20MIMO\_Ant2\_5500\_106Tone+26Tone\_RU53+RU4

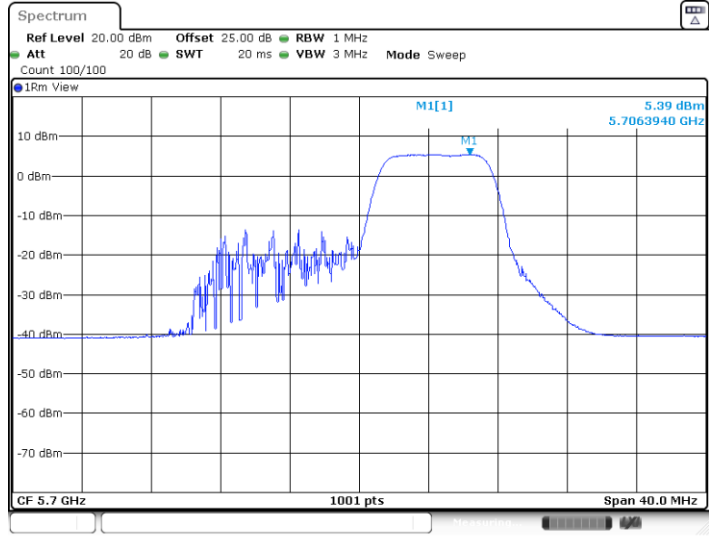


Date: 30 AUG 2024 07:47:15



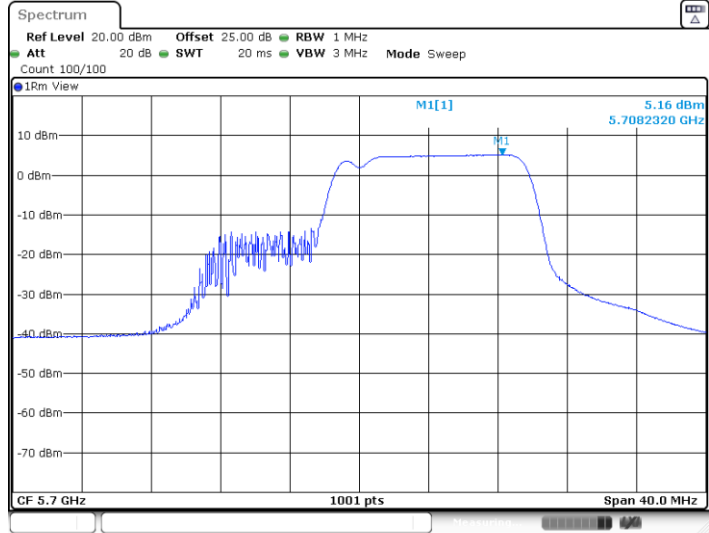


11BE20MIMO\_Ant2\_5700\_52Tone+26Tone\_RU39+RU7

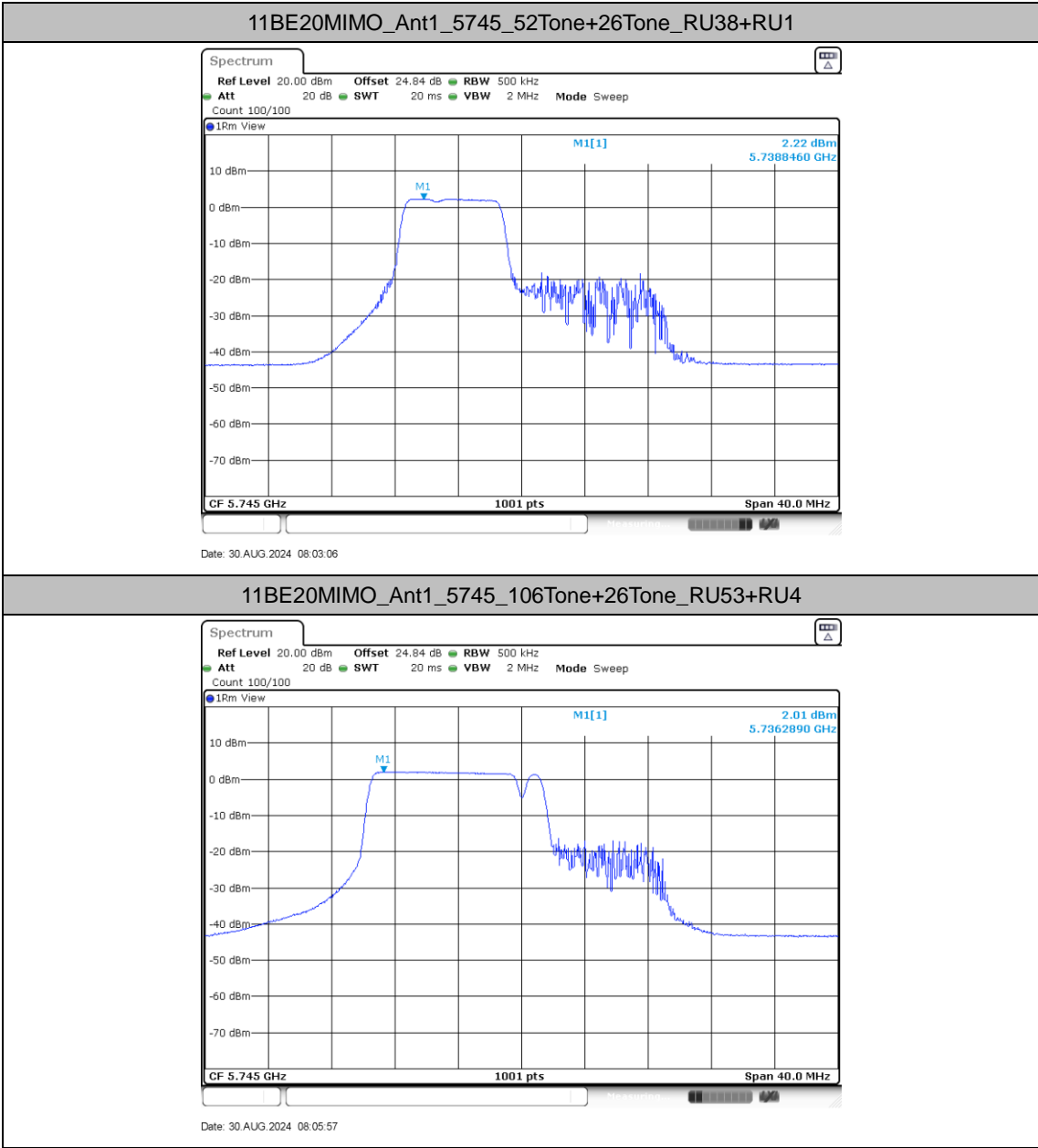


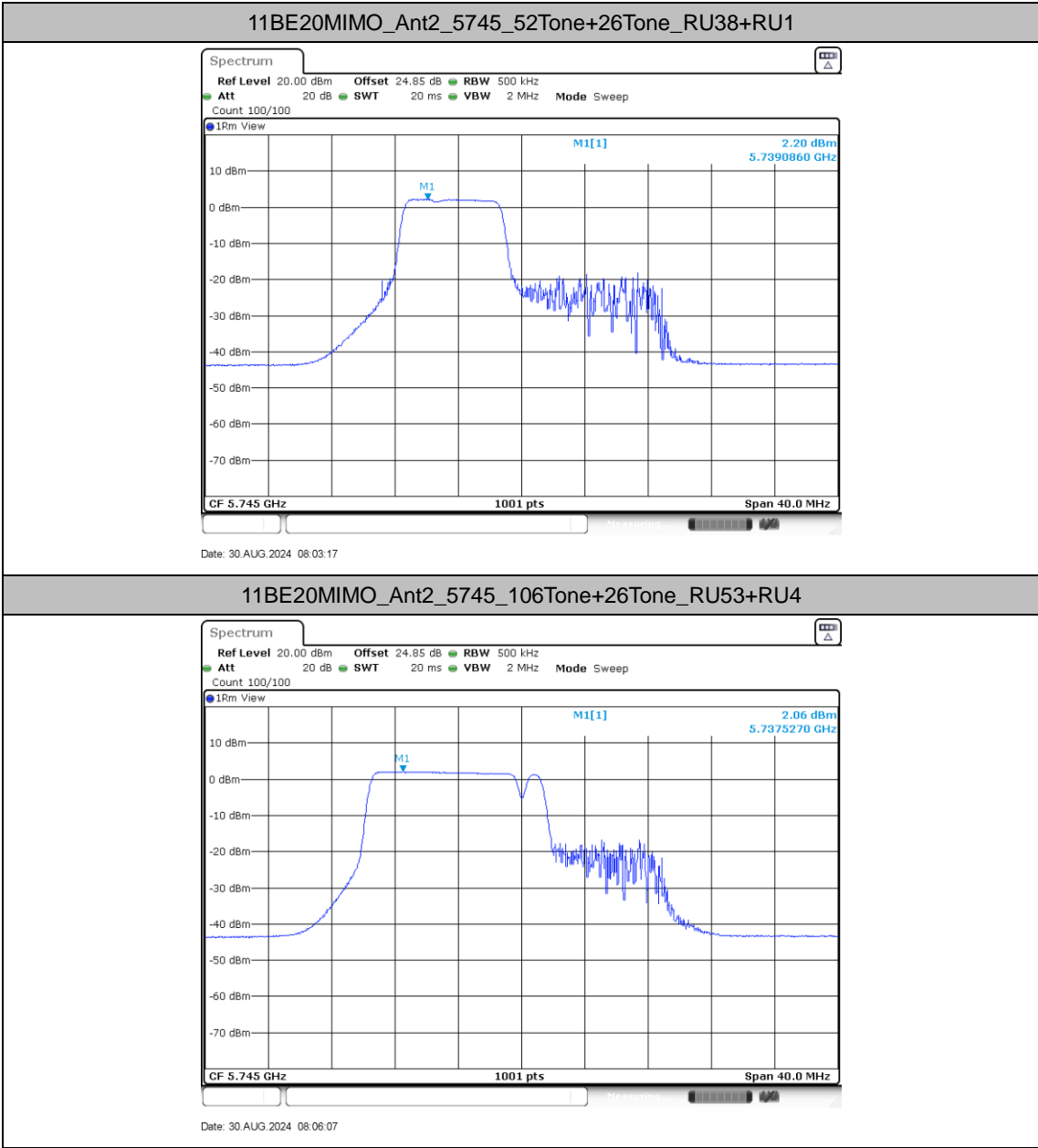
Date: 30 AUG 2024 07:48:24

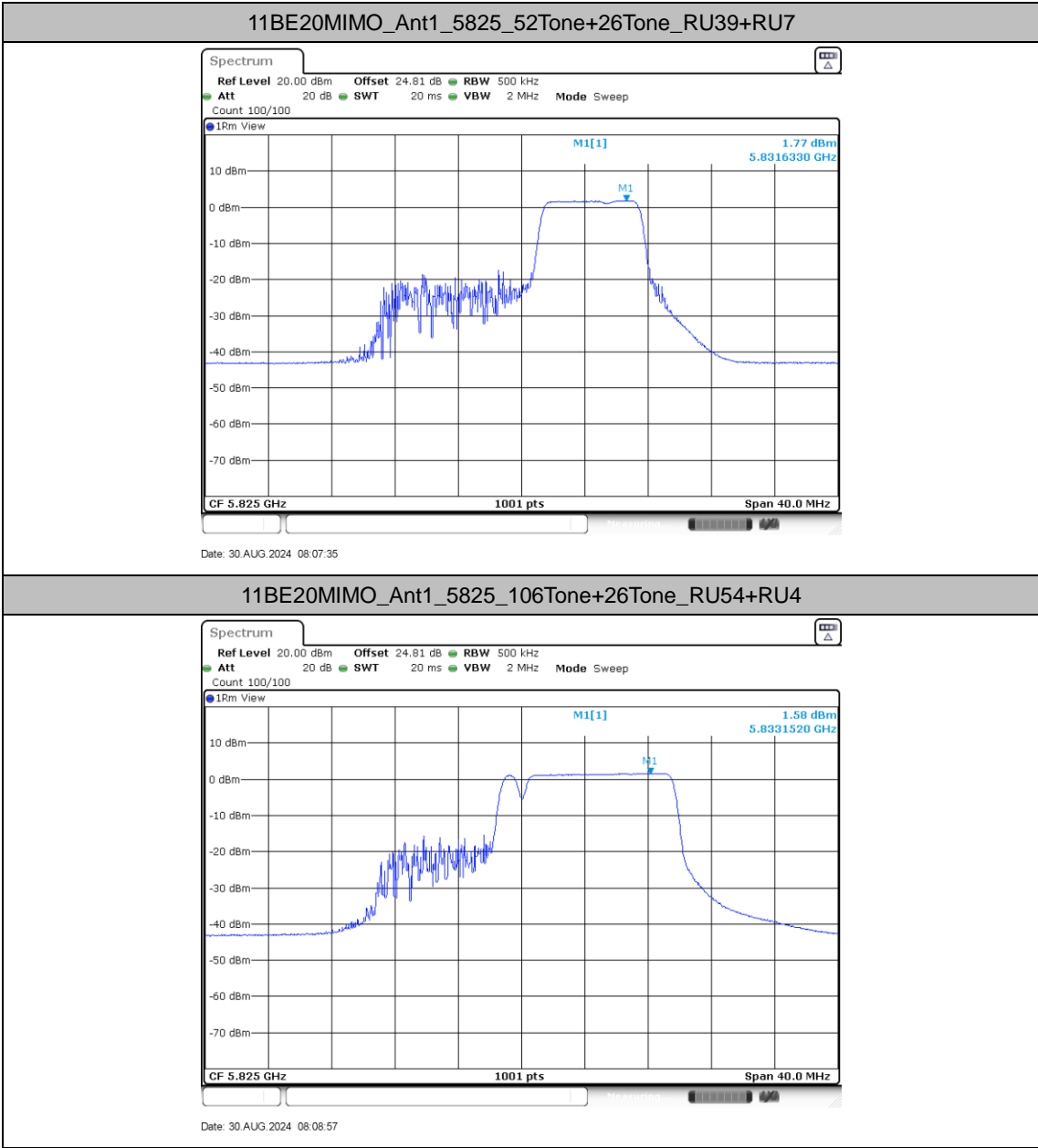
11BE20MIMO\_Ant2\_5700\_106Tone+26Tone\_RU54+RU4



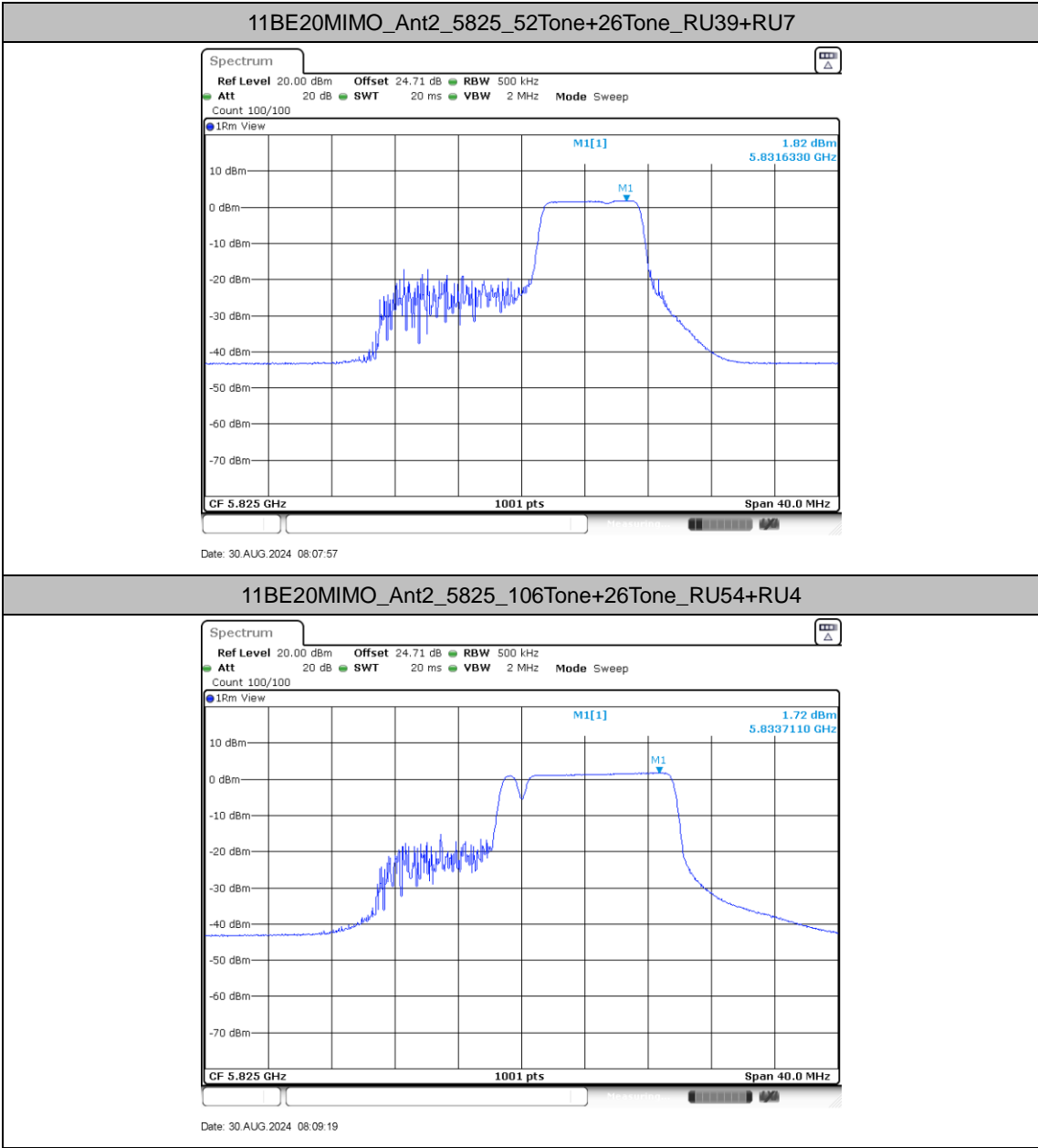
Date: 30 AUG 2024 07:49:38







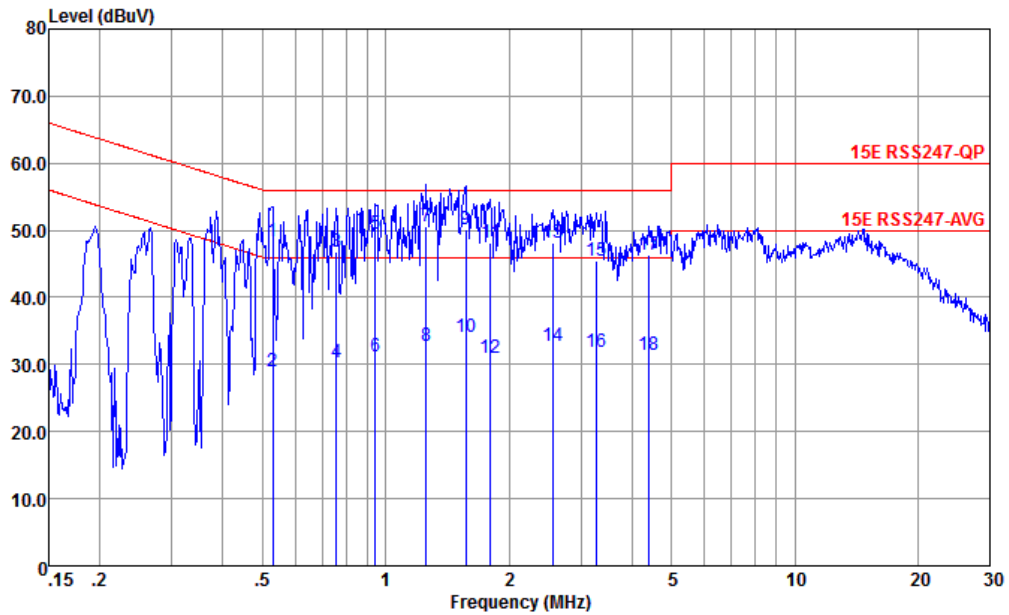






## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

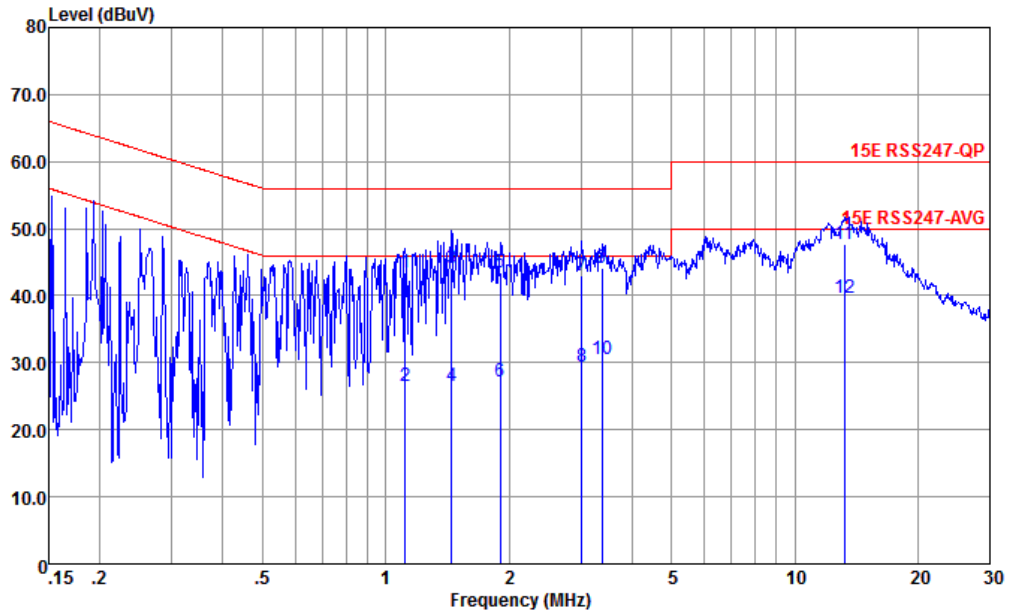


Site : CO01-KS  
 Condition : 15E RSS247-QP LISN-060105-L 2024 LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.529	48.29	-7.71	56.00	38.20	-0.12	10.21	QP
2	0.529	28.99	-17.01	46.00	18.90	-0.12	10.21	Average
3	0.759	46.87	-9.13	56.00	36.91	-0.16	10.12	QP
4	0.759	30.27	-15.73	46.00	20.31	-0.16	10.12	Average
5	0.943	49.52	-6.48	56.00	39.59	-0.17	10.10	QP
6	0.943	31.12	-14.88	46.00	21.19	-0.17	10.10	Average
7 *	1.255	50.49	-5.51	56.00	40.59	-0.19	10.09	QP
8	1.255	32.79	-13.21	46.00	22.89	-0.19	10.09	Average
9	1.568	50.08	-5.92	56.00	40.21	-0.21	10.08	QP
10	1.568	34.08	-11.92	46.00	24.21	-0.21	10.08	Average
11	1.800	48.07	-7.93	56.00	38.20	-0.21	10.08	QP
12	1.800	31.07	-14.93	46.00	21.20	-0.21	10.08	Average
13	2.567	48.09	-7.91	56.00	38.20	-0.18	10.07	QP
14	2.567	32.79	-13.21	46.00	22.90	-0.18	10.07	Average
15	3.276	45.40	-10.60	56.00	35.50	-0.17	10.07	QP
16	3.276	31.80	-14.20	46.00	21.90	-0.17	10.07	Average
17	4.384	46.46	-9.54	56.00	36.60	-0.20	10.06	QP
18	4.384	31.46	-14.54	46.00	21.60	-0.20	10.06	Average



Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS  
 Condition : 15E RSS247-QP LISN-060105-N 2024 NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	1.117	43.41	-12.59	56.00	33.50	-0.18	10.09	QP
2	1.117	26.51	-19.49	46.00	16.60	-0.18	10.09	Average
3	1.449	44.10	-11.90	56.00	34.21	-0.19	10.08	QP
4	1.449	26.50	-19.50	46.00	16.61	-0.19	10.08	Average
5	1.908	43.39	-12.61	56.00	33.50	-0.19	10.08	QP
6	1.908	27.09	-18.91	46.00	17.20	-0.19	10.08	Average
7	3.009	43.06	-12.94	56.00	33.20	-0.21	10.07	QP
8	3.009	29.46	-16.54	46.00	19.60	-0.21	10.07	Average
9	3.381	44.06	-11.94	56.00	34.20	-0.21	10.07	QP
10	3.381	30.46	-15.54	46.00	20.60	-0.21	10.07	Average
11	13.197	47.77	-12.23	60.00	36.90	-0.21	11.08	QP
12 *	13.197	39.67	-10.33	50.00	28.80	-0.21	11.08	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



## Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jake zhou	Relative Humidity :	53 ~ 58%
		Temperature :	22 ~ 26°C

### Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	1+2	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	1+2	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	1+2	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-2A	5.25-5.35	1+2	802.11a	52	5260	6Mbps	-	-
Mode 5	U-NII-2A	5.25-5.35	1+2	802.11a	60	5300	6Mbps	-	-
Mode 6	U-NII-2A	5.25-5.35	1+2	802.11a	64	5320	6Mbps	-	-
Mode 7	U-NII-2C	5.47-5.725	1+2	802.11a	100	5500	6Mbps	-	-
Mode 8	U-NII-2C	5.47-5.725	1+2	802.11a	116	5580	6Mbps	-	-
Mode 9	U-NII-2C	5.47-5.725	1+2	802.11a	140	5700	6Mbps	-	-
Mode 10	U-NII-1	5.15-5.25	1+2	802.11be EHT20	36	5180	MCS0	Full	-
Mode 11	U-NII-1	5.15-5.25	1+2	802.11be EHT20	44	5220	MCS0	Full	-
Mode 12	U-NII-1	5.15-5.25	1+2	802.11be EHT20	48	5240	MCS0	Full	-
Mode 13	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	52	5260	MCS0	Full	-
Mode 14	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	60	5300	MCS0	Full	-
Mode 15	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	64	5320	MCS0	Full	-
Mode 16	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	100	5500	MCS0	Full	-
Mode 17	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	116	5580	MCS0	Full	-
Mode 18	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	140	5700	MCS0	Full	-
Mode 19	U-NII-1	5.15-5.25	1+2	802.11be EHT40	38	5190	MCS0	Full	-
Mode 20	U-NII-1	5.15-5.25	1+2	802.11be EHT40	46	5230	MCS0	Full	-
Mode 21	U-NII-2A	5.25-5.35	1+2	802.11be EHT40	54	5270	MCS0	Full	-
Mode 22	U-NII-2A	5.25-5.35	1+2	802.11be EHT40	62	5310	MCS0	Full	-
Mode 23	U-NII-2C	5.47-5.725	1+2	802.11be EHT40	102	5510	MCS0	Full	-
Mode 24	U-NII-2C	5.47-5.725	1+2	802.11be EHT40	110	5550	MCS0	Full	-
Mode 25	U-NII-2C	5.47-5.725	1+2	802.11be EHT40	134	5670	MCS0	Full	-
Mode 26	U-NII-1	5.15-5.25	1+2	802.11be EHT80	42	5210	MCS0	Full	-
Mode 27	U-NII-2A	5.25-5.35	1+2	802.11be EHT80	58	5290	MCS0	Full	-
Mode 28	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	106	5530	MCS0	Full	-
Mode 29	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	122	5610	MCS0	Full	-
Mode 30	U-NII-2A	5.15-5.35	1+2	802.11be EHT160	50	5250	MCS0	Full	-
Mode 31	U-NII-2C	5.47-5.725	1+2	802.11be EHT160	114	5570	MCS0	Full	-
Mode 32	U-NII-3	5.725-5.85	1+2	802.11a	149	5745	6Mbps	-	-
Mode 33	U-NII-3	5.725-5.85	1+2	802.11a	157	5785	6Mbps	-	-
Mode 34	U-NII-3	5.725-5.85	1+2	802.11a	165	5825	6Mbps	-	-
Mode 35	U-NII-3	5.725-5.85	1+2	802.11be EHT20	149	5745	MCS0	Full	-
Mode 36	U-NII-3	5.725-5.85	1+2	802.11be EHT20	157	5785	MCS0	Full	-
Mode 37	U-NII-3	5.725-5.85	1+2	802.11be EHT20	165	5825	MCS0	Full	-



### Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 38	U-NII-3	5.725-5.85	1+2	802.11be EHT40	151	5755	MCS0	Full	
Mode 39	U-NII-3	5.725-5.85	1+2	802.11be EHT40	159	5795	MCS0	Full	
Mode 40	U-NII-3	5.725-5.85	1+2	802.11be EHT80	155	5775	MCS0	Full	
Mode 41	U-NII-2C	5.47-5.85	1+2	802.11a	144	5720	6Mbps	-	-
Mode 42	U-NII-2C	5.47-5.85	1+2	802.11be EHT20	144	5720	MCS0	Full	-
Mode 43	U-NII-2C	5.47-5.85	1+2	802.11be EHT40	142	5710	MCS0	Full	-
Mode 44	U-NII-2C	5.47-5.85	1+2	802.11be EHT80	138	5690	MCS0	Full	-
Mode 45	U-NII-1	5.15-5.25	1+2	802.11ax HE20	36	5180	MCS0	Single RU RU26/0	-
Mode 46	U-NII-1	5.15-5.25	1+2	802.11be EHT20	36	5180	MCS0	Single RU RU52/37	-
Mode 47	U-NII-1	5.15-5.25	1+2	802.11be EHT20	36	5180	MCS0	Single RU RU106/53	-
Mode 48	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	64	5320	MCS0	Single RU RU26/8	-
Mode 49	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	64	5320	MCS0	Single RU RU52/40	-
Mode 50	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	64	5320	MCS0	Single RU RU106/54	-
Mode 51	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	100	5500	MCS0	Single RU RU26/0	-
Mode 52	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	100	5500	MCS0	Single RU RU52/37	-
Mode 53	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	100	5500	MCS0	Single RU RU106/53	-
Mode 54	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	140	5700	MCS0	Single RU RU26/8	-
Mode 55	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	140	5700	MCS0	Single RU RU52/40	-
Mode 56	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	140	5700	MCS0	Single RU RU106/54	-
Mode 57	U-NII-3	5.725-5.85	1+2	802.11be EHT20	149	5745	MCS0	Single RU RU26/0	-
Mode 58	U-NII-3	5.725-5.85	1+2	802.11be EHT20	149	5745	MCS0	Single RU RU52/37	-
Mode 59	U-NII-3	5.725-5.85	1+2	802.11be EHT20	149	5745	MCS0	Single RU RU106/53	-
Mode 60	U-NII-3	5.725-5.85	1+2	802.11be EHT20	165	5825	MCS0	Single RU RU26/8	-
Mode 61	U-NII-3	5.725-5.85	1+2	802.11be EHT20	165	5825	MCS0	Single RU RU52/40	-
Mode 62	U-NII-3	5.725-5.85	1+2	802.11be EHT20	165	5825	MCS0	Single RU RU106/54	-
Mode 63	U-NII-1	5.15-5.25	1+2	802.11be EHT20	36	5180	MCS0	Small RU Index38+1	-
Mode 64	U-NII-1	5.15-5.25	1+2	802.11be EHT20	36	5180	MCS0	Small RU Index53+4	-
Mode 65	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	64	5320	MCS0	Small RU Index39+7	-
Mode 66	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	64	5320	MCS0	Small RU Index54+4	-
Mode 67	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	100	5500	MCS0	Small RU Index38+1	-
Mode 68	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	100	5500	MCS0	Small RU Index53+4	-



### Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 69	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	140	5700	MCS0	Small RU Index39+7	-
Mode 70	U-NII-2C	5.47-5.725	1+2	802.11be EHT20	140	5700	MCS0	Small RU Index54+4	-
Mode 71	U-NII-3	5.725-5.85	1+2	802.11be EHT20	149	5745	MCS0	Small RU Index38+1	-
Mode 72	U-NII-3	5.725-5.85	1+2	802.11be EHT20	149	5745	MCS0	Small RU Index53+4	-
Mode 73	U-NII-3	5.725-5.85	1+2	802.11be EHT20	165	5825	MCS0	Small RU Index39+7	-
Mode 74	U-NII-3	5.725-5.85	1+2	802.11be EHT20	165	5825	MCS0	Small RU Index54+4	-
Mode 75	U-NII-1	5.15-5.25	1+2	802.11be EHT80	42	5210	MCS0	Puncturing 20M ④	-
Mode 76	U-NII-2A	5.25-5.35	1+2	802.11be EHT80	58	5290	MCS0	Puncturing 20M ①	-
Mode 77	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	106	5530	MCS0	Puncturing 20M ④	-
Mode 78	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	122	5610	MCS0	Puncturing 20M ①	-
Mode 79	U-NII-2A	5.15-5.35	1+2	802.11be EHT160	50	5250	MCS0	Puncturing 40M ④	-
Mode 80	U-NII-2A	5.15-5.35	1+2	802.11be EHT160	50	5250	MCS0	Puncturing 40M ①	-
Mode 81	U-NII-2C	5.47-5.725	1+2	802.11be EHT160	114	5570	MCS0	Puncturing 40M ④	-
Mode 82	U-NII-2C	5.47-5.725	1+2	802.11be EHT160	114	5570	MCS0	Puncturing 40M ①	-
Mode 83	U-NII-2A	5.15-5.35	1+2	802.11be EHT160	50	5250	MCS0	Puncturing 20M ①	-
Mode 84	U-NII-2A	5.15-5.35	1+2	802.11be EHT160	50	5250	MCS0	Puncturing 20M ③	-
Mode 85	U-NII-2C	5.47-5.725	1+2	802.11be EHT160	114	5570	MCS0	Puncturing 20M ①	-
Mode 86	U-NII-2C	5.47-5.725	1+2	802.11be EHT160	114	5570	MCS0	Puncturing 20M ③	-
Mode 87	U-NII-3	5.725-5.85	1+2	802.11be EHT80	155	5775	MCS0	Puncturing 20M ①	-
Mode 88	U-NII-3	5.725-5.85	1+2	802.11be EHT80	155	5775	MCS0	Puncturing 20M ④	-
Mode 90	U-NII-1	5.15-5.25	1+2	802.11be EHT80	42	5210	MCS0	Large RU 484+242 ④	-
Mode 91	U-NII-2A	5.25-5.35	1+2	802.11be EHT80	58	5290	MCS0	Large RU 484+242 ①	-
Mode 92	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	106	5530	MCS0	Large RU 484+242 ④	-
Mode 93	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	122	5610	MCS0	Large RU 484+242 ①	-
Mode 94	U-NII-2A	5.15-5.35	1+2	802.11be EHT160	50	5250	MCS0	Large RU 996+484 ④	-
Mode 95	U-NII-2A	5.15-5.35	1+2	802.11be EHT160	50	5250	MCS0	Large RU 996+484 ①	-
Mode 96	U-NII-2C	5.47-5.725	1+2	802.11be EHT160	114	5570	MCS0	Large RU 996+484 ④	-



### Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 97	U-NII-2C	5.47-5.725	1+2	802.11be EHT160	114	5570	MCS0	Large RU 996+484 <sup>1</sup>	-
Mode 98	U-NII-3	5.725-5.85	1+2	802.11be EHT80	155	5775	MCS0	Large RU 484+242 <sup>4</sup>	-
Mode 99	U-NII-3	5.725-5.85	1+2	802.11be EHT80	155	5775	MCS0	Large RU 484+242 <sup>1</sup>	-
Mode 102	2400-2483.5	2400-2483.5	1	Bluetooth-LE	39	2480	2Mbps	Full	-
	2400-2483.5	2400-2483.5	2	802.11be EHT20	1	2412	MCS0	Full	-
	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	106	5530	MCS0	Full	-
Mode 103	2400-2483.5	2400-2483.5	2	Bluetooth BR_GFSK	78	2480	1Mbps	Full	-
	2400-2483.5	2400-2483.5	1	802.11be EHT20	1	2412	MCS0	Full	-
	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	106	5530	MCS0	Full	-
Mode 104	2400-2483.5	2400-2483.5	1+2	802.11be EHT20	1	2412	MCS0	Full	-
	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	106	5530	MCS0	Full	-
Mode 105	2400-2483.5	2400-2483.5	1	Bluetooth-LE	39	2480	2Mbps	Full	-
	U-NII-2A	5.25-5.35	1+2	802.11a	64	5320	6Mbps	Full	-
	U-NII-2C	5.47-5.725	1+2	802.11be EHT80	106	5530	MCS0	Full	-
Mode 106	2400-2483.5	2400-2483.5	1	Bluetooth-LE	39	2480	2Mbps	Full	-
	U-NII-2A	5.25-5.35	1+2	802.11be EHT20	64	5320	MCS0	Full	-
	U-NII-2C	5.47-5.725	1+2	802.11a	140	5700	6Mbps	Full	-



### Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5146.60	47.87	54.00	-6.13	V	AVERAGE	Pass	Band Edge
1	802.11a	36	10360.00	56.19	68.20	-12.01	V	PEAK	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
2	802.11a	44	10440.00	44.73	68.20	-23.47	H	PEAK	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
3	802.11a	48	10492.50	49.51	68.20	-18.69	V	Peak	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
4	802.11a	52	10526.60	51.42	68.20	-16.78	V	Peak	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
5	802.11a	60	10600.00	42.62	54.00	-11.38	V	AVERAGE	Pass	Harmonic
6	802.11a	64	5352.00	50.39	54.00	-3.61	V	AVERAGE	Pass	Band Edge
6	802.11a	64	10640.00	44.28	54.00	-9.72	V	AVERAGE	Pass	Harmonic
7	802.11a	100	5459.92	48.08	54.00	-5.92	V	AVERAGE	Pass	Band Edge
7	802.11a	100	7699.60	47.06	74.00	-26.94	V	Peak	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
8	802.11a	116	7805.20	47.40	68.20	-20.80	V	Peak	Pass	Harmonic
9	802.11a	140	5729.24	64.51	68.20	-3.69	V	PEAK	Pass	Band Edge
9	802.11a	140	11400.00	42.68	54.00	-11.32	V	AVERAGE	Pass	Harmonic
10	802.11be EHT20	36	5148.40	49.47	54.00	-4.53	V	AVERAGE	Pass	Band Edge
10	802.11be EHT20	36	10360.00	45.02	68.20	-23.18	V	PEAK	Pass	Harmonic
11	802.11be EHT20	44	-	-	-	-	-	-	-	Band Edge
11	802.11be EHT20	44	10440.00	47.75	68.20	-20.45	V	PEAK	Pass	Harmonic
12	802.11be EHT20	48	-	-	-	-	-	-	-	Band Edge
12	802.11be EHT20	48	10480.00	47.94	68.20	-20.26	V	PEAK	Pass	Harmonic
13	802.11be EHT20	52	-	-	-	-	-	-	-	Band Edge
13	802.11be EHT20	52	10520.00	51.99	68.20	-16.21	V	PEAK	Pass	Harmonic
14	802.11be EHT20	60	-	-	-	-	-	-	-	Band Edge
14	802.11be EHT20	60	10600.00	43.28	54.00	-10.72	V	AVERAGE	Pass	Harmonic
15	802.11be EHT20	64	5350.00	50.30	54.00	-3.70	V	AVERAGE	Pass	Band Edge
15	802.11be EHT20	64	10640.00	44.04	54.00	-9.96	V	AVERAGE	Pass	Harmonic
16	802.11be EHT20	100	5468.24	59.41	68.20	-8.79	V	PEAK	Pass	Band Edge
16	802.11be EHT20	100	7705.10	46.79	74.00	-27.21	V	Peak	Pass	Harmonic
17	802.11be EHT20	116	-	-	-	-	-	-	-	Band Edge
17	802.11be EHT20	116	7812.90	46.27	68.20	-21.93	V	Peak	Pass	Harmonic
18	802.11be EHT20	140	5731.24	58.38	68.20	-9.82	V	PEAK	Pass	Band Edge
18	802.11be EHT20	140	11400.00	44.37	54.00	-9.63	V	AVERAGE	Pass	Harmonic
19	802.11be EHT40	38	5149.92	48.83	54.00	-5.17	V	AVERAGE	Pass	Band Edge
19	802.11be EHT40	38	10380.00	45.29	68.20	-22.91	V	PEAK	Pass	Harmonic