

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	21.200	5734.640	5755.840	---	---
11A	Ant1	5785	20.280	5774.800	5795.080	---	---
11A	Ant1	5825	21.280	5814.320	5835.600	---	---
11N20SISO	Ant1	5745	21.280	5734.560	5755.840	---	---
11N20SISO	Ant1	5785	21.240	5774.520	5795.760	---	---
11N20SISO	Ant1	5825	21.640	5814.280	5835.920	---	---
11N40SISO	Ant1	5755	38.800	5735.800	5774.600	---	---
11N40SISO	Ant1	5795	38.560	5775.880	5814.440	---	---

11A-Ant1-5745

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF Coupling DC
R/L Align: Auto

Input Z: 50 Ω #Att: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 M W W W W W P P P P P P

Center Frequency 5.785000000 GHz

Span 40.00000000 MHz

Sweep Span Zero Span

Full Span

Start Freq 5.765000000 GHz

Stop Freq 5.805000000 GHz

AUTO TUNE

CF Step 4.000000 MHz

Auto Man

Freq Offset 0 Hz

X Axis Scale Log Lin

Signal Track (Open Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 14.76 dB

Ref Level 20.00 dBm

Δ Mkr3 20.28 MHz

1.60 dB

3 Δ 1

Center 5.78500 GHz

#Video BW 680 kHz

Span 40.00 MHz

#Res BW 220 kHz

Sweep 1.00 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.774 80 GHz	-27.48 dBm		
2	N	1	f	5.789 48 GHz	0.4452 dBm		
3	Δ 1	1	f	(Δ) 20.28 MHz (Δ)	1.597 dB		
4							
5							
6							

May 09, 2026 8:54:37 AM

11A-Ant1-5785

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF Coupling DC
R/L Align: Auto

Input Z: 50 Ω #Att: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 M W W W W W P P P P P P

Center Frequency 5.825000000 GHz

Span 40.00000000 MHz

Sweep Span Zero Span

Full Span

Start Freq 5.805000000 GHz

Stop Freq 5.845000000 GHz

AUTO TUNE

CF Step 4.000000 MHz

Auto Man

Freq Offset 0 Hz

X Axis Scale Log Lin

Signal Track (Open Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 14.69 dB

Ref Level 20.00 dBm

Δ Mkr3 21.28 MHz

-0.29 dB

3 Δ 1

Center 5.82500 GHz

#Video BW 680 kHz

Span 40.00 MHz

#Res BW 220 kHz

Sweep 1.00 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.814 32 GHz	-24.85 dBm		
2	N	1	f	5.830 04 GHz	1.252 dBm		
3	Δ 1	1	f	(Δ) 21.28 MHz (Δ)	-0.2895 dB		
4							
5							
6							

May 09, 2026 9:19:26 AM

11A-Ant1-5825

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF Coupling DC
R/L Align: Auto

Input Z: 50 Ω #Att: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 M W W W W W P P P P P P

Center Frequency 5.745000000 GHz

Span 40.00000000 MHz

Sweep Span Zero Span

Full Span

Start Freq 5.725000000 GHz

Stop Freq 5.765000000 GHz

AUTO TUNE

CF Step 4.000000 MHz

Auto Man

Freq Offset 0 Hz

X Axis Scale Log Lin

Signal Track (Open Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 14.55 dB

Ref Level 20.00 dBm

Δ Mkr3 21.28 MHz

0.27 dB

3 Δ 1

Center 5.74500 GHz

#Video BW 680 kHz

Span 40.00 MHz

#Res BW 220 kHz

Sweep 1.00 ms (1001 pts)

5 Marker Table

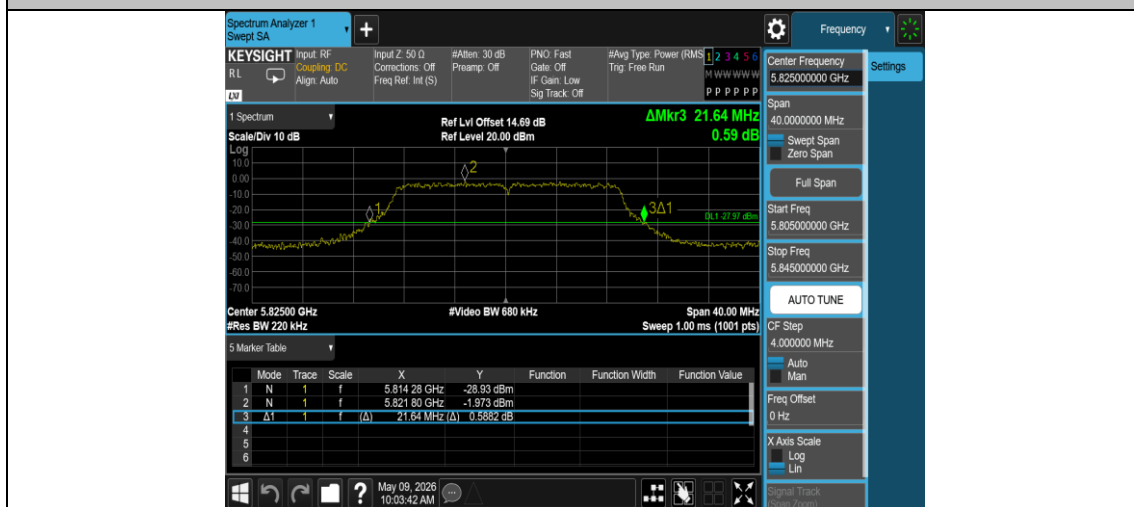
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.734 56 GHz	-27.64 dBm		
2	N	1	f	5.748 80 GHz	-0.9133 dBm		
3	Δ 1	1	f	(Δ) 21.28 MHz (Δ)	0.2676 dB		
4							
5							
6							

May 09, 2026 9:48:46 AM

11N20SISO-Ant1-5745



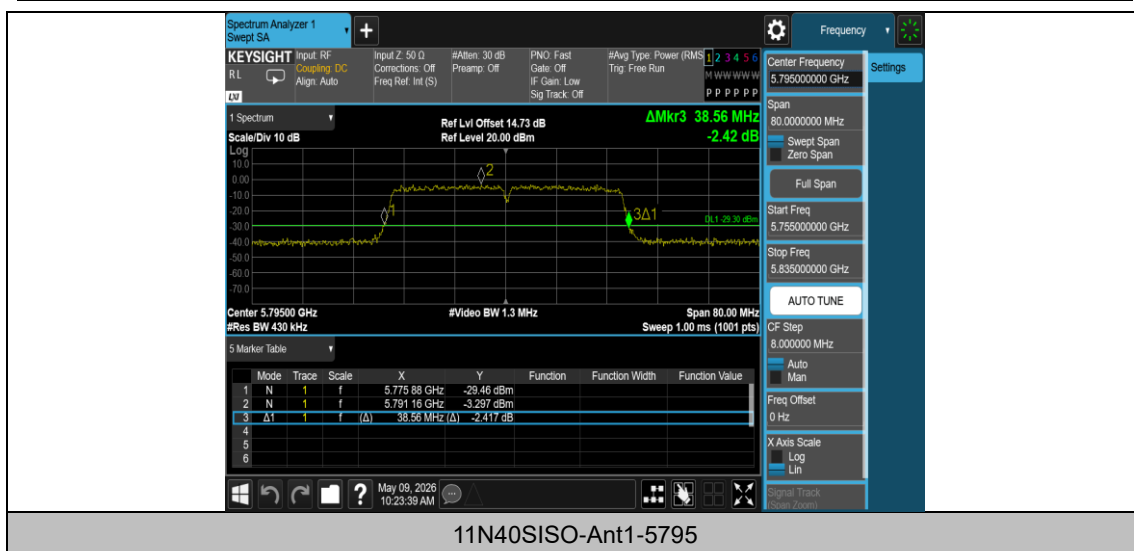
11N20SISO-Ant1-5785



11N20SISO-Ant1-5825



11N40SISO-Ant1-5755



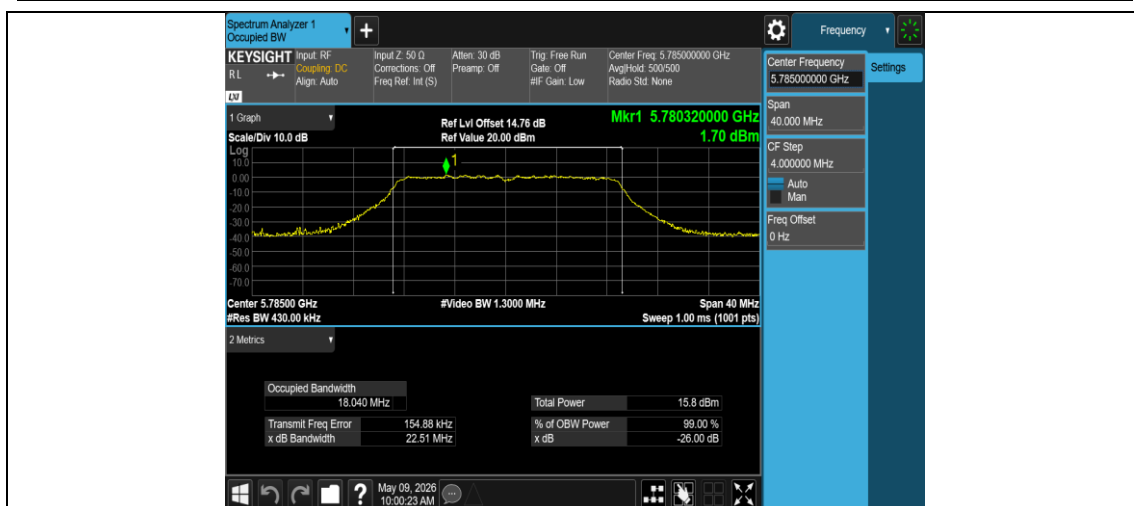
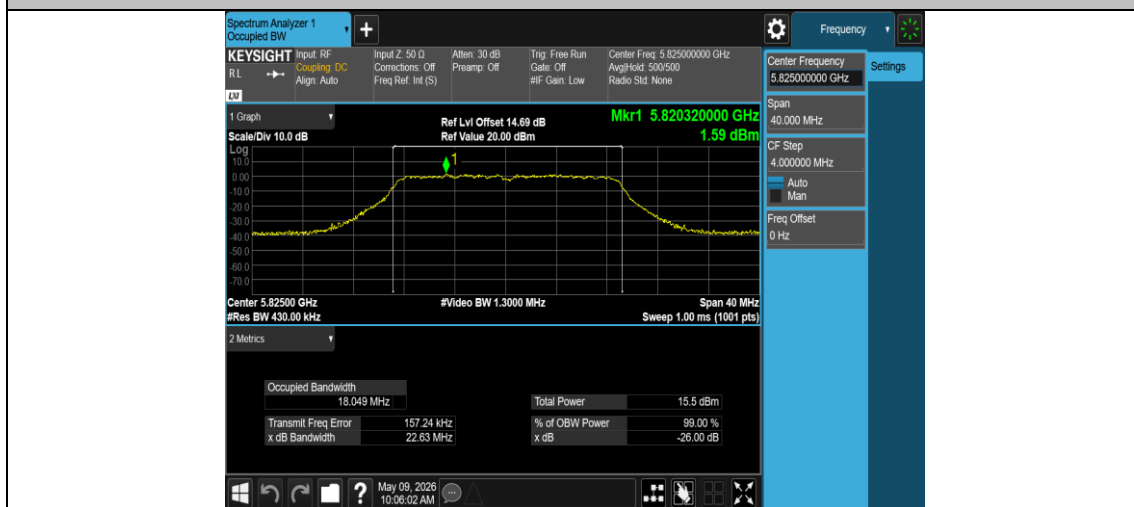
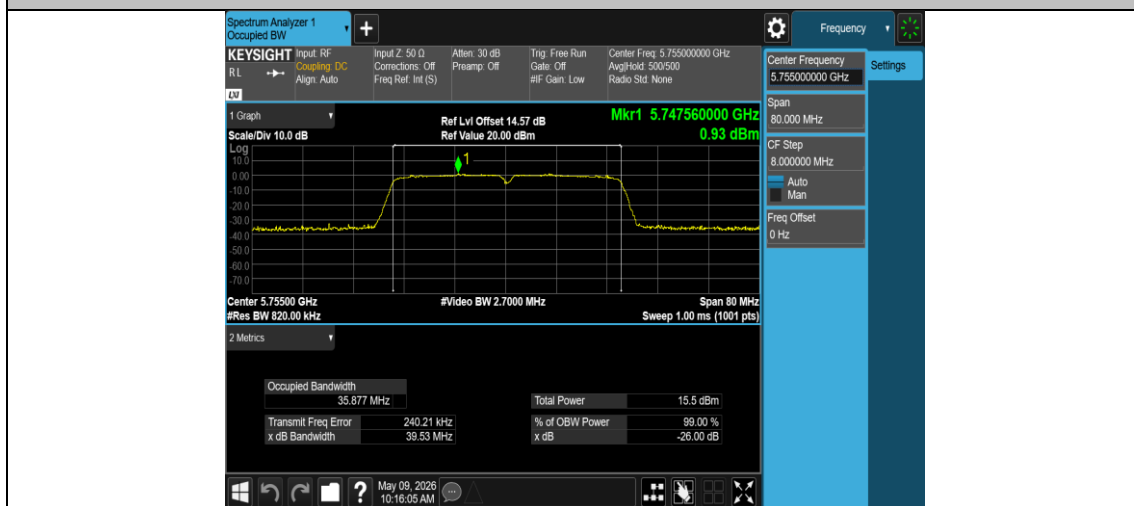
Appendix A2: Occupied channel bandwidth

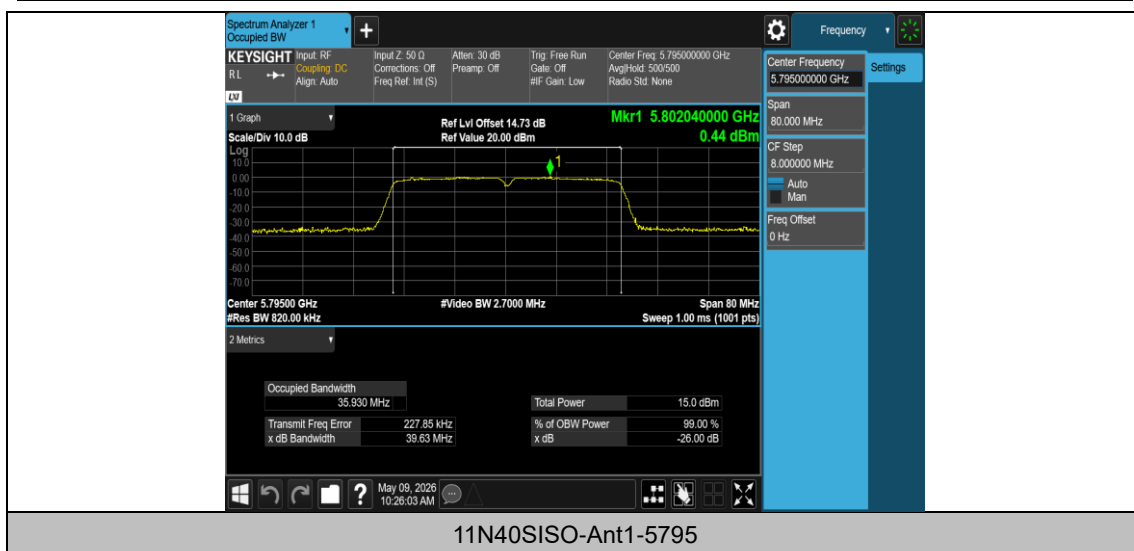
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.070	5736.1272	5754.1972	---	---
11A	Ant1	5785	17.014	5776.6571	5793.6711	---	---
11A	Ant1	5825	17.087	5816.5096	5833.5966	---	---
11N20SISO	Ant1	5745	18.041	5736.1528	5754.1938	---	---
11N20SISO	Ant1	5785	18.040	5776.1349	5794.1749	---	---
11N20SISO	Ant1	5825	18.049	5816.1327	5834.1817	---	---
11N40SISO	Ant1	5755	35.877	5737.3017	5773.1787	---	---
11N40SISO	Ant1	5795	35.930	5777.2629	5813.1929	---	---

Test Graphs




11N20SISO-Ant1-5785

11N20SISO-Ant1-5825

11N40SISO-Ant1-5755



Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.640	5736.360	5754.000	0.5	PASS
11A	Ant1	5785	16.360	5777.120	5793.480	0.5	PASS
11A	Ant1	5825	16.440	5817.000	5833.440	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.360	5754.000	0.5	PASS
11N20SISO	Ant1	5785	17.720	5776.320	5794.040	0.5	PASS
11N20SISO	Ant1	5825	17.600	5816.400	5834.000	0.5	PASS
11N40SISO	Ant1	5755	36.320	5737.080	5773.400	0.5	PASS
11N40SISO	Ant1	5795	36.400	5777.000	5813.400	0.5	PASS

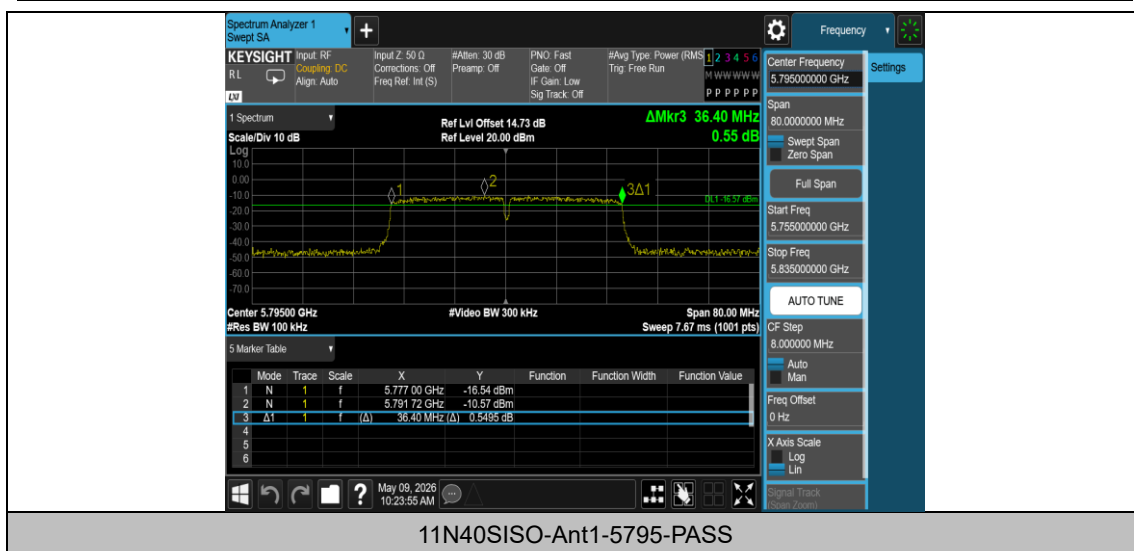
Test Graphs B4




11N20SISO-Ant1-5785-PASS

11N20SISO-Ant1-5825-PASS

11N40SISO-Ant1-5755-PASS



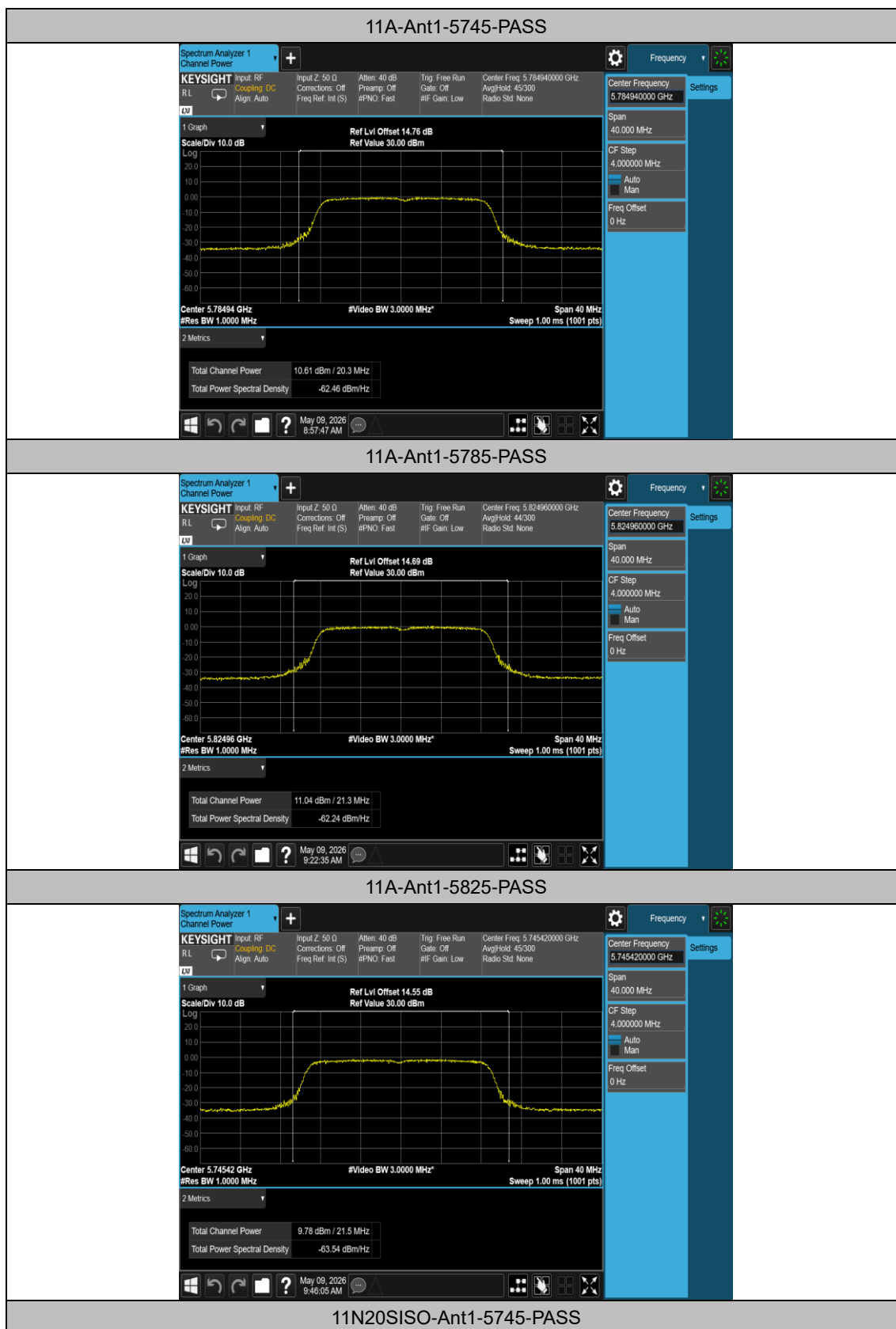
Appendix B: Maximum conducted output power

Test Result Channel Power

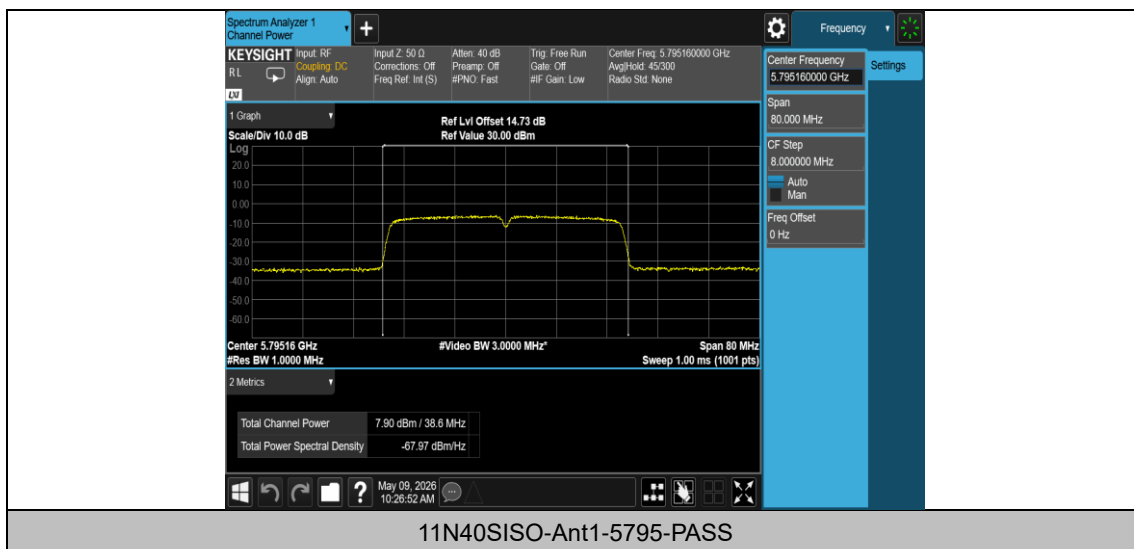
Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5745	12.21	100	0.00	12.21	≤30.00	4.5	16.71	---	PASS
11A	Ant1	5785	10.62	100	0.00	10.62	≤30.00	4.5	15.12	---	PASS
11A	Ant1	5825	11.03	100	0.00	11.03	≤30.00	4.5	15.53	---	PASS
11N20SI SO	Ant1	5745	9.72	100	0.00	9.72	≤30.00	4.5	14.22	---	PASS
11N20SI SO	Ant1	5785	9.00	100	0.00	9.00	≤30.00	4.5	13.50	---	PASS
11N20SI SO	Ant1	5825	8.80	100	0.00	8.80	≤30.00	4.5	13.30	---	PASS
11N40SI SO	Ant1	5755	8.37	100	0.00	8.37	≤30.00	4.5	12.87	---	PASS
11N40SI SO	Ant1	5795	7.87	100	0.00	7.87	≤30.00	4.5	12.37	---	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power







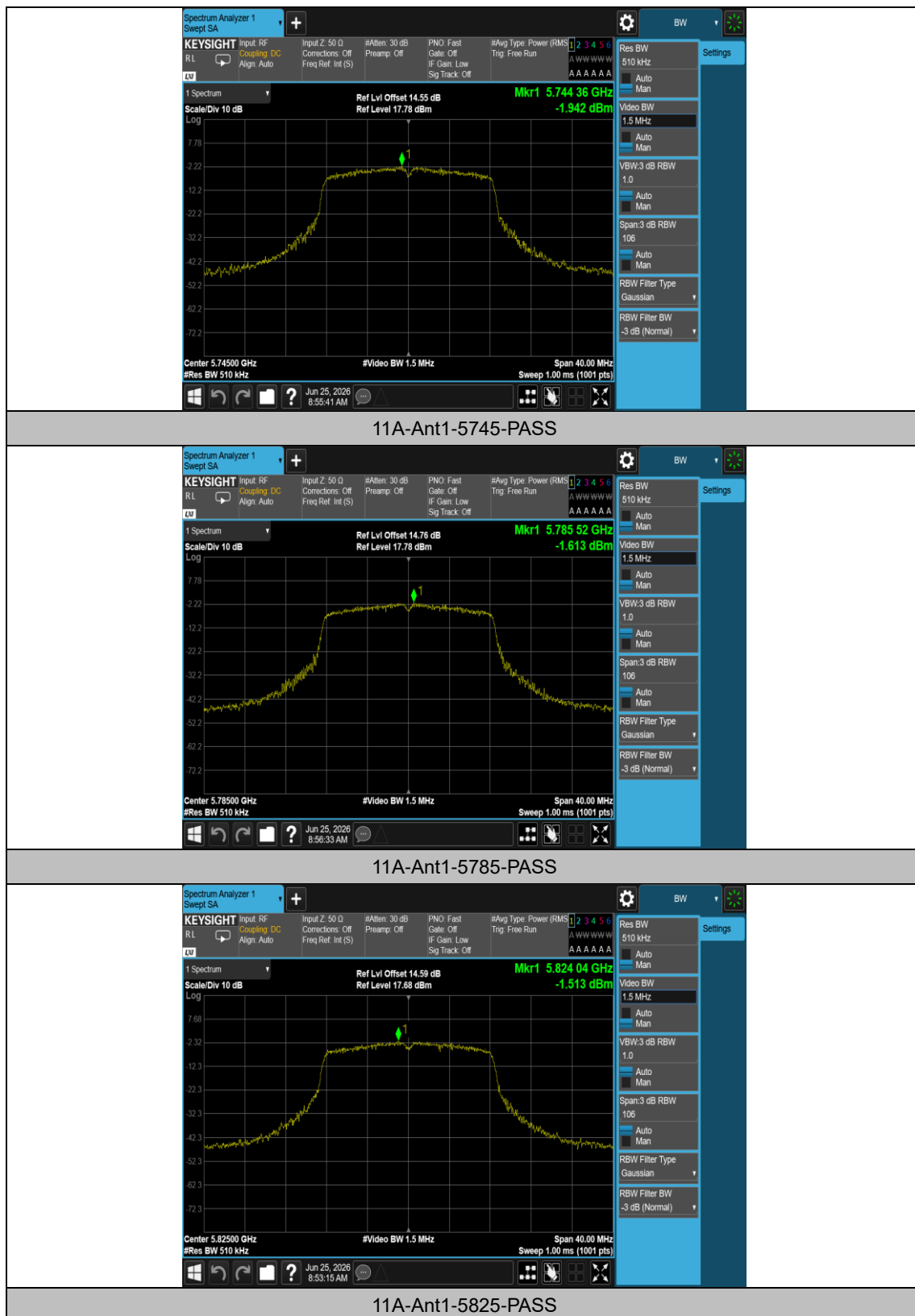
Appendix D: Maximum power spectral density

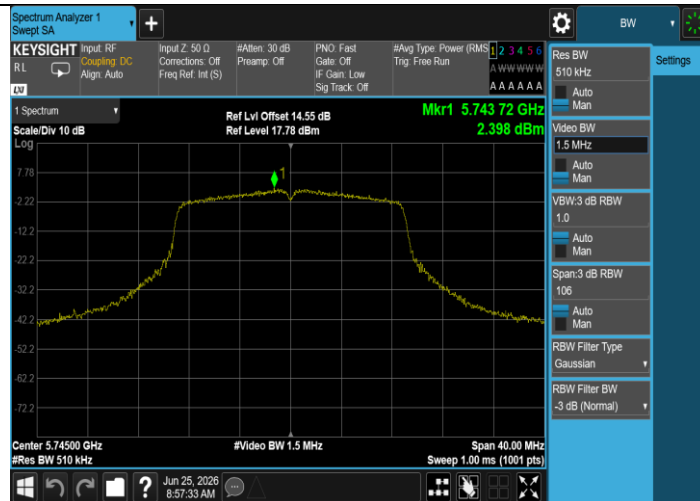
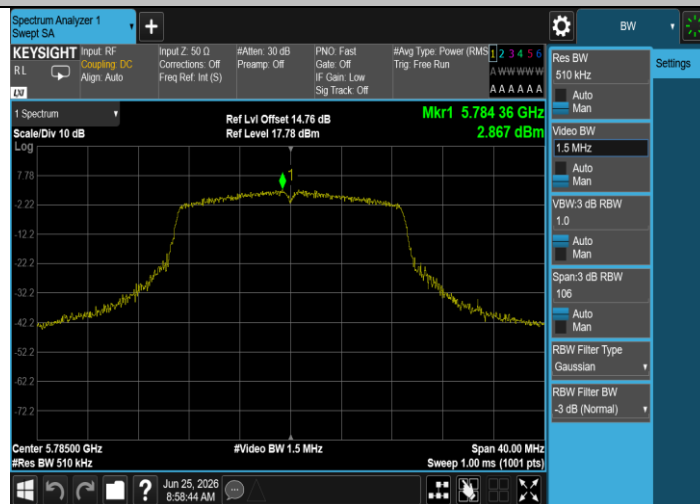
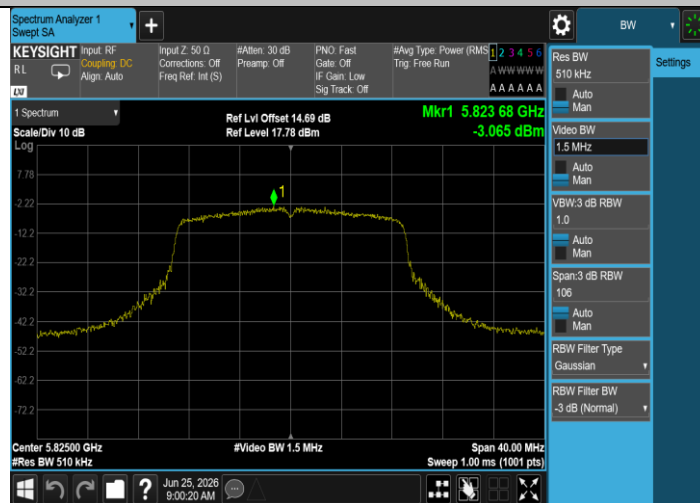
Test Result

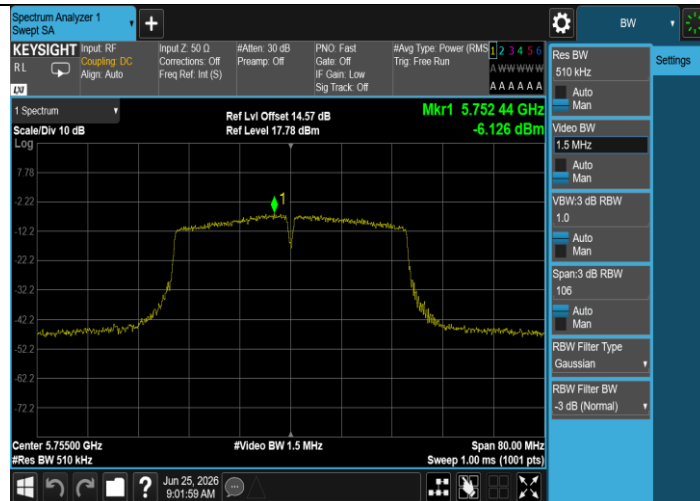
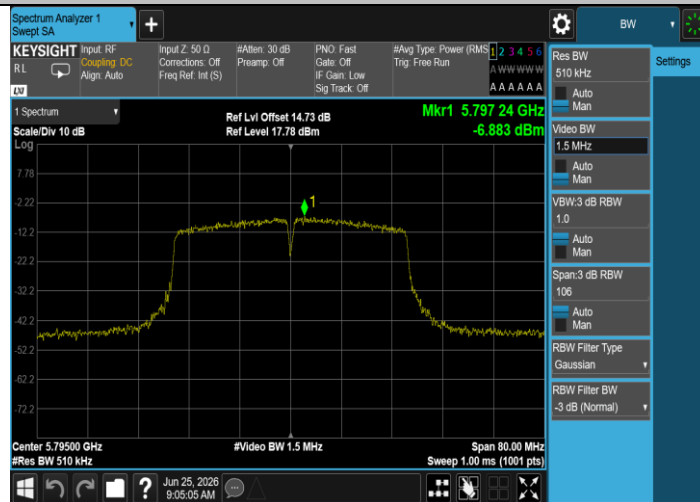
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.94	≤30.00	PASS
11A	Ant1	5785	-1.61	≤30.00	PASS
11A	Ant1	5825	-1.51	≤30.00	PASS
11N20SISO	Ant1	5745	2.40	≤30.00	PASS
11N20SISO	Ant1	5785	2.87	≤30.00	PASS
11N20SISO	Ant1	5825	-3.07	≤30.00	PASS
11N40SISO	Ant1	5755	-6.13	≤30.00	PASS
11N40SISO	Ant1	5795	-6.88	≤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




11N20SISO-Ant1-5745-PASS

11N20SISO-Ant1-5785-PASS

11N20SISO-Ant1-5825-PASS


11N40SISO-Ant1-5755-PASS

11N40SISO-Ant1-5795-PASS

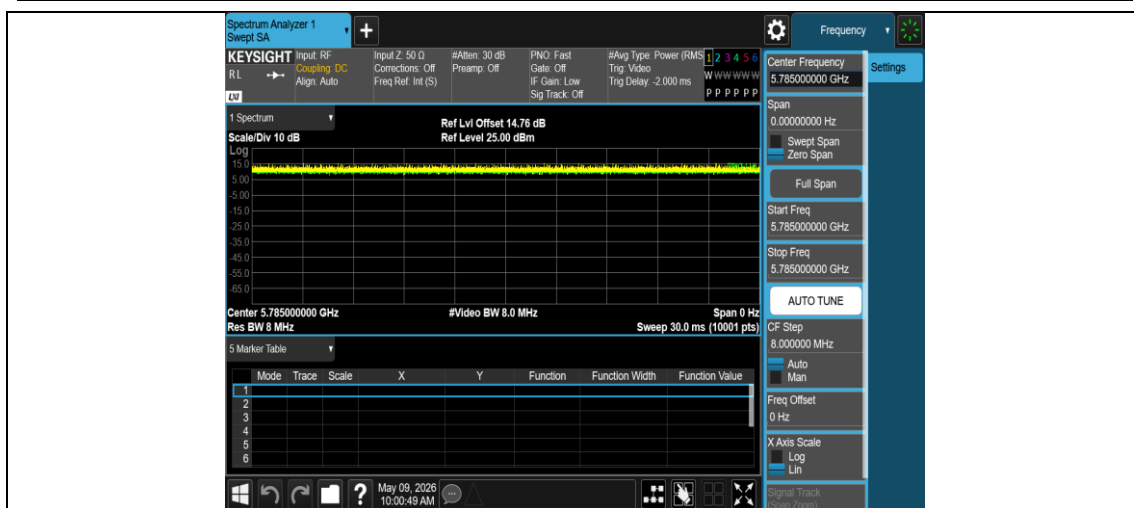
Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	30.00	30.00	100.00
11A	Ant1	5785	30.00	30.00	100.00
11A	Ant1	5825	30.00	30.00	100.00
11N20SISO	Ant1	5745	30.00	30.00	100.00
11N20SISO	Ant1	5785	30.00	30.00	100.00
11N20SISO	Ant1	5825	30.00	30.00	100.00
11N40SISO	Ant1	5755	30.00	30.00	100.00
11N40SISO	Ant1	5795	30.00	30.00	100.00

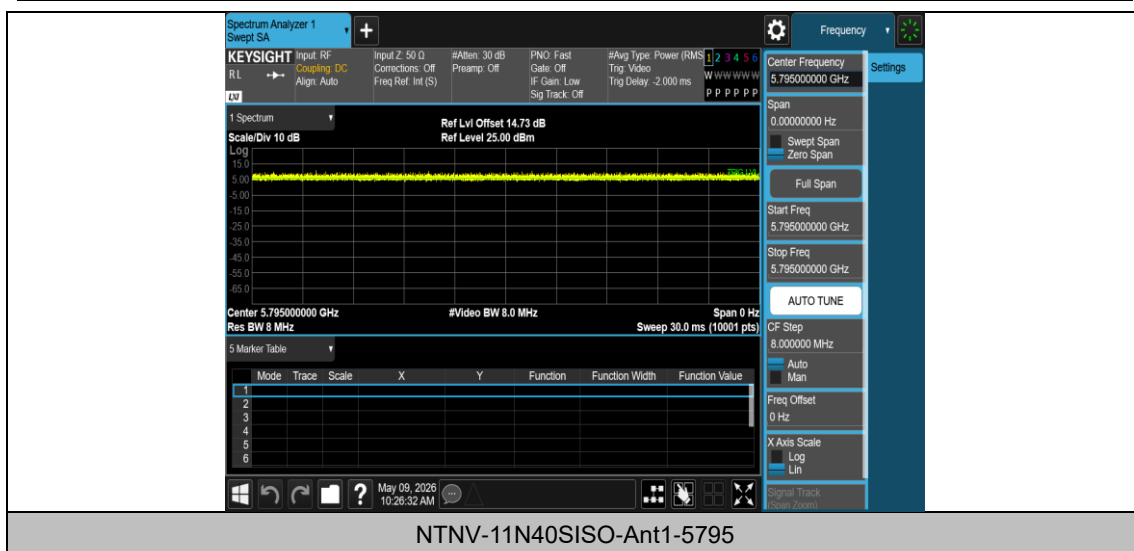
Test Graphs




NTNV-11N20SISO-Ant1-5785

NTNV-11N20SISO-Ant1-5825

NTNV-11N40SISO-Ant1-5755



Appendix E: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency [MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-42.08	≤16.87	PASS
11A	Ant1	Low	5745	5700~5720	-44.44	≤10.06	PASS
11A	Ant1	Low	5745	5650~5700	-45.22	≤-26.87	PASS
11A	Ant1	Low	5745	5760~5650	-44.3	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-44.75	≤16.34	PASS
11A	Ant1	High	5825	5855~5875	-42.07	≤11.61	PASS
11A	Ant1	High	5825	5875~5925	-43.07	≤-26.31	PASS
11A	Ant1	High	5825	5925~5935	-42.59	≤-27	PASS
11N20SISO	Ant1	Low	5745	5720~5725	-45.38	≤15.82	PASS
11N20SISO	Ant1	Low	5745	5700~5720	-44.86	≤10.06	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-44.99	≤-26.53	PASS
11N20SISO	Ant1	Low	5745	5760~5650	-44.03	≤-27	PASS
11N20SISO	Ant1	High	5825	5850~5855	-44.13	≤15.73	PASS
11N20SISO	Ant1	High	5825	5855~5875	-43.81	≤10.06	PASS
11N20SISO	Ant1	High	5825	5875~5925	-42.16	≤-26.51	PASS
11N20SISO	Ant1	High	5825	5925~5935	-43.28	≤-27	PASS
11N40SISO	Ant1	Low	5755	5720~5725	-46.01	≤15.74	PASS
11N40SISO	Ant1	Low	5755	5700~5720	-43.96	≤10.32	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-45.36	≤-26.40	PASS
11N40SISO	Ant1	Low	5755	5780~5650	-42.63	≤-27	PASS
11N40SISO	Ant1	High	5795	5850~5855	-44.69	≤16.41	PASS
11N40SISO	Ant1	High	5795	5855~5875	-43.25	≤10.29	PASS
11N40SISO	Ant1	High	5795	5875~5925	-43.47	≤-26.71	PASS
11N40SISO	Ant1	High	5795	5925~5935	-43.23	≤-27	PASS

Test Graphs B4

