

6: Maximum power spectral density

6.1 Test Result

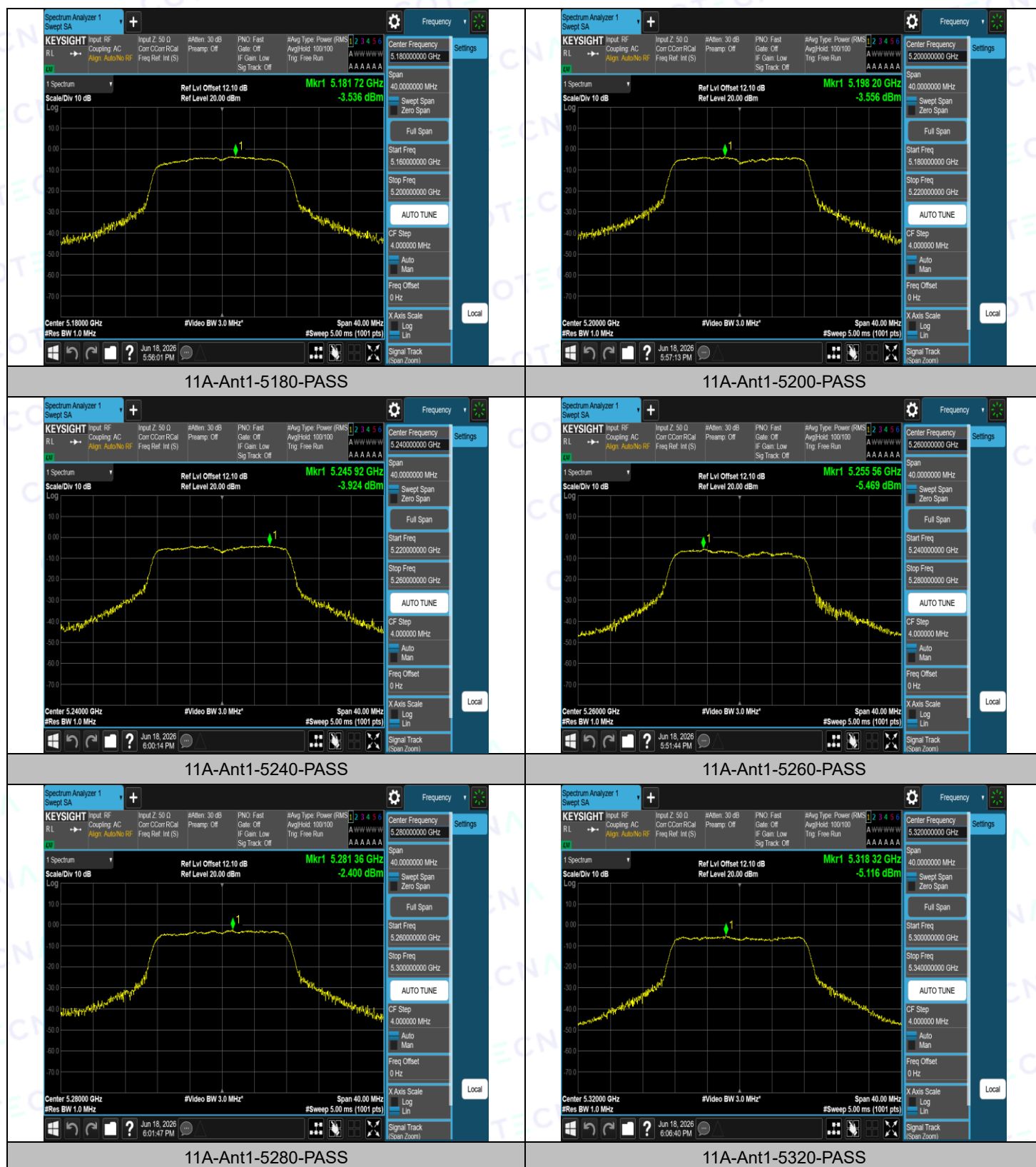
Test Mode	Ant.	Frequency [MHz]	RawData [dBm/3kHz]	DC Factor	Result [dBm/MHz] Result [dBm/500kHz]	Gain [dBi]	EIRP PSD [dBm/MHz]	Limit[dBm/MHz] Limit[dBm/500kHz]	EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-3.54	9.27	5.73	2.74	8.47	---	≤10.00	PASS
11A	Ant1	5200	-3.56	9.27	5.71	2.74	8.45	---	≤10.00	PASS
11A	Ant1	5240	-3.92	9.27	5.35	2.74	8.09	---	≤10.00	PASS
11A	Ant1	5260	-5.47	9.27	3.80	2.74	6.54	≤11.00	---	PASS
11A	Ant1	5280	-2.4	9.13	6.73	2.74	9.47	≤11.00	---	PASS
11A	Ant1	5320	-5.12	9.13	4.01	2.74	6.75	≤11.00	---	PASS
11A	Ant1	5500	-4.22	9.13	4.91	2.74	7.65	≤11.00	---	PASS
11A	Ant1	5580	-4.94	9.27	4.33	2.74	7.07	≤11.00	---	PASS
11A	Ant1	5700	-5.66	9.27	3.61	2.74	6.35	≤11.00	---	PASS
11A	Ant1	5745	-7.82	9.13	3.53	2.74	6.27	≤30.00	---	PASS
11A	Ant1	5785	-7.42	9.13	3.93	2.74	6.67	≤30.00	---	PASS
11A	Ant1	5825	-8.36	9.13	2.99	2.74	5.73	≤30.00	---	PASS
11N20SISO	Ant1	5180	-1.47	5.06	3.59	2.74	6.33	---	≤10.00	PASS
11N20SISO	Ant1	5200	-0.37	5.06	4.69	2.74	7.43	---	≤10.00	PASS
11N20SISO	Ant1	5240	0.38	5.06	5.44	2.74	8.18	---	≤10.00	PASS
11N20SISO	Ant1	5260	-1.49	5.06	3.57	2.74	6.31	≤11.00	---	PASS
11N20SISO	Ant1	5280	-1.27	5.06	3.79	2.74	6.53	≤11.00	---	PASS
11N20SISO	Ant1	5320	-0.93	5.06	4.13	2.74	6.87	≤11.00	---	PASS
11N20SISO	Ant1	5500	0.14	5.06	5.20	2.74	7.94	≤11.00	---	PASS
11N20SISO	Ant1	5580	-1.2	5.03	3.83	2.74	6.57	≤11.00	---	PASS
11N20SISO	Ant1	5700	-1.6	5.06	3.46	2.74	6.20	≤11.00	---	PASS
11N20SISO	Ant1	5745	-5.58	5.06	1.70	2.74	4.44	≤30.00	---	PASS
11N20SISO	Ant1	5785	-4.88	5.06	2.40	2.74	5.14	≤30.00	---	PASS
11N20SISO	Ant1	5825	-6.68	5.06	0.60	2.74	3.34	≤30.00	---	PASS
11N40SISO	Ant1	5190	-3.06	5.18	2.12	2.74	4.86	---	≤10.00	PASS
11N40SISO	Ant1	5230	-2.18	5.15	2.97	2.74	5.71	---	≤10.00	PASS
11N40SISO	Ant1	5270	-2.6	5.16	2.56	2.74	5.30	≤11.00	---	PASS
11N40SISO	Ant1	5310	-1.66	5.16	3.50	2.74	6.24	≤11.00	---	PASS
11N40SISO	Ant1	5510	-4.26	5.16	0.90	2.74	3.64	≤11.00	---	PASS
11N40SISO	Ant1	5550	-4.01	5.15	1.14	2.74	3.88	≤11.00	---	PASS
11N40SISO	Ant1	5670	-5.61	5.15	-0.46	2.74	2.28	≤11.00	---	PASS
11N40SISO	Ant1	5755	-8.52	5.16	-1.14	2.74	1.60	≤30.00	---	PASS
11N40SISO	Ant1	5795	-9.31	5.16	-1.93	2.74	0.81	≤30.00	---	PASS
11AC20SISO	Ant1	5180	-1.27	5.02	3.75	2.74	6.49	---	≤10.00	PASS
11AC20SISO	Ant1	5200	-0.48	5.02	4.54	2.74	7.28	---	≤10.00	PASS
11AC20SISO	Ant1	5240	0.22	5.02	5.24	2.74	7.98	---	≤10.00	PASS
11AC20SISO	Ant1	5260	-0.22	5.02	4.80	2.74	7.54	≤11.00	---	PASS
11AC20SISO	Ant1	5280	-0.46	5.02	4.56	2.74	7.30	≤11.00	---	PASS

11AC20SISO	Ant1	5320	-1.32	5.02	3.70	2.74	6.44	≤11.00	---	PASS
11AC20SISO	Ant1	5500	-1.51	5.02	3.51	2.74	6.25	≤11.00	---	PASS
11AC20SISO	Ant1	5580	-0.67	5.02	4.35	2.74	7.09	≤11.00	---	PASS
11AC20SISO	Ant1	5700	-0.96	5.03	4.07	2.74	6.81	≤11.00	---	PASS
11AC20SISO	Ant1	5745	-5.18	5.02	2.06	2.74	4.80	≤30.00	---	PASS
11AC20SISO	Ant1	5785	-6.7	5.02	0.54	2.74	3.28	≤30.00	---	PASS
11AC20SISO	Ant1	5825	-5.49	5.02	1.75	2.74	4.49	≤30.00	---	PASS
11AC40SISO	Ant1	5190	-3.81	5.16	1.35	2.74	4.09	---	≤10.00	PASS
11AC40SISO	Ant1	5230	-3.79	5.16	1.37	2.74	4.11	---	≤10.00	PASS
11AC40SISO	Ant1	5270	-3.94	5.16	1.22	2.74	3.96	≤11.00	---	PASS
11AC40SISO	Ant1	5310	-2.04	5.18	3.14	2.74	5.88	≤11.00	---	PASS
11AC40SISO	Ant1	5510	-5.35	5.16	-0.19	2.74	2.55	≤11.00	---	PASS
11AC40SISO	Ant1	5550	-5.46	5.16	-0.30	2.74	2.44	≤11.00	---	PASS
11AC40SISO	Ant1	5670	-4.34	5.16	0.82	2.74	3.56	≤11.00	---	PASS
11AC40SISO	Ant1	5755	-8.27	5.15	-0.90	2.74	1.84	≤30.00	---	PASS
11AC40SISO	Ant1	5795	-6.87	5.16	0.51	2.74	3.25	≤30.00	---	PASS
11AX20SISO	Ant1	5180	0.34	5.46	5.80	2.74	8.54	---	≤10.00	PASS
11AX20SISO	Ant1	5200	0.32	5.38	5.70	2.74	8.44	---	≤10.00	PASS
11AX20SISO	Ant1	5240	-0.17	5.38	5.21	2.74	7.95	---	≤10.00	PASS
11AX20SISO	Ant1	5260	0.67	5.38	6.05	2.74	8.79	≤11.00	---	PASS
11AX20SISO	Ant1	5280	0.24	5.40	5.64	2.74	8.38	≤11.00	---	PASS
11AX20SISO	Ant1	5320	-1.59	5.36	3.77	2.74	6.51	≤11.00	---	PASS
11AX20SISO	Ant1	5500	-0.92	5.38	4.46	2.74	7.20	≤11.00	---	PASS
11AX20SISO	Ant1	5580	-1.23	5.38	4.15	2.74	6.89	≤11.00	---	PASS
11AX20SISO	Ant1	5700	-2.92	5.38	2.46	2.74	5.20	≤11.00	---	PASS
11AX20SISO	Ant1	5745	-5.63	5.38	1.97	2.74	4.71	≤30.00	---	PASS
11AX20SISO	Ant1	5785	-5.87	5.38	1.73	2.74	4.47	≤30.00	---	PASS
11AX20SISO	Ant1	5825	-5.82	5.38	1.78	2.74	4.52	≤30.00	---	PASS
11AX40SISO	Ant1	5190	-2.99	5.38	2.39	2.74	5.13	---	≤10.00	PASS
11AX40SISO	Ant1	5230	-3.4	5.38	1.98	2.74	4.72	---	≤10.00	PASS
11AX40SISO	Ant1	5270	-3.64	5.38	1.74	2.74	4.48	≤11.00	---	PASS
11AX40SISO	Ant1	5310	-3.54	5.38	1.84	2.74	4.58	≤11.00	---	PASS
11AX40SISO	Ant1	5510	-4.78	5.38	0.60	2.74	3.34	≤11.00	---	PASS
11AX40SISO	Ant1	5550	-2.95	5.38	2.43	2.74	5.17	≤11.00	---	PASS
11AX40SISO	Ant1	5670	-4.34	5.38	1.04	2.74	3.78	≤11.00	---	PASS
11AX40SISO	Ant1	5755	-9.06	5.36	-1.48	2.74	1.26	≤30.00	---	PASS
11AX40SISO	Ant1	5795	-8.19	5.38	-0.59	2.74	2.15	≤30.00	---	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

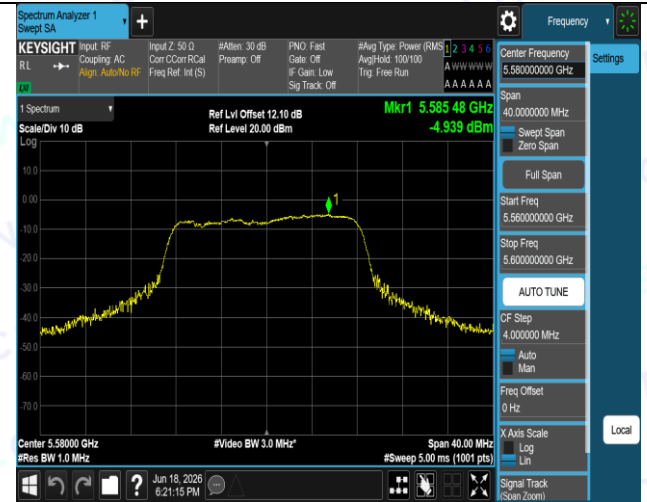
2.RF Conducted test Offset= cable loss+ Attenuator

6.2 Test Graphs

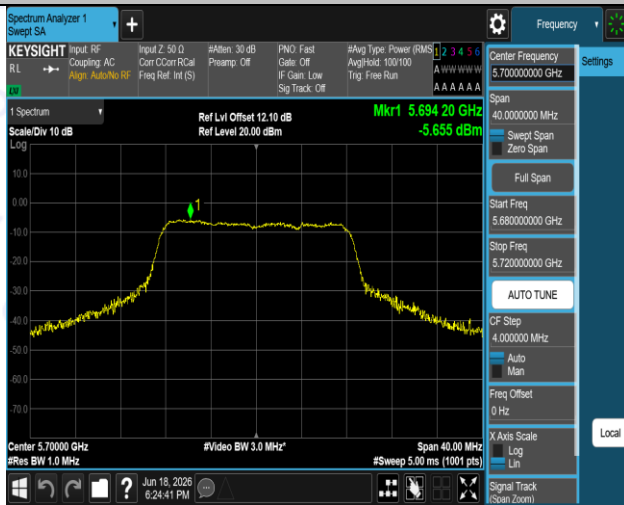




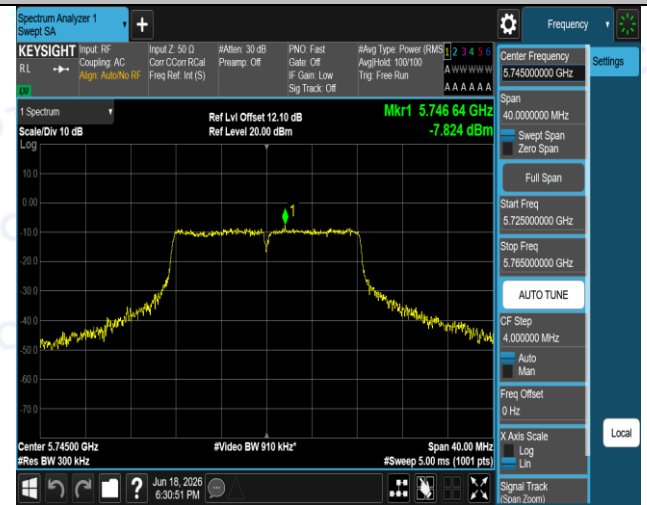
11A-Ant1-5500-PASS



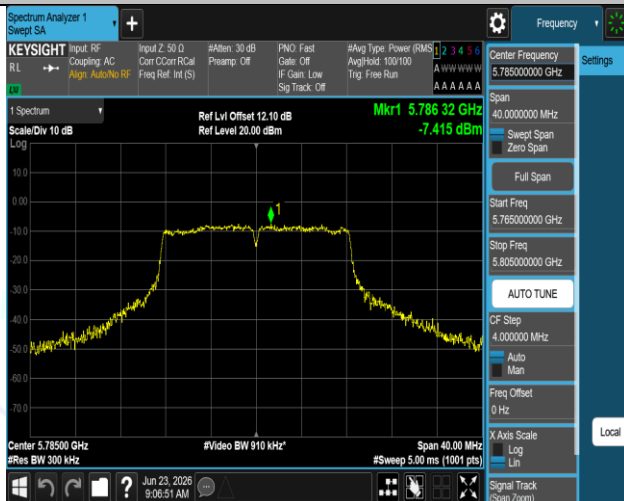
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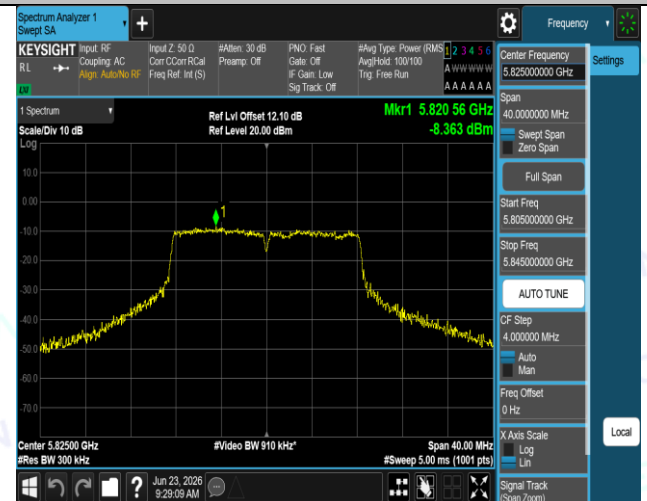
11A-Ant1-5700-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



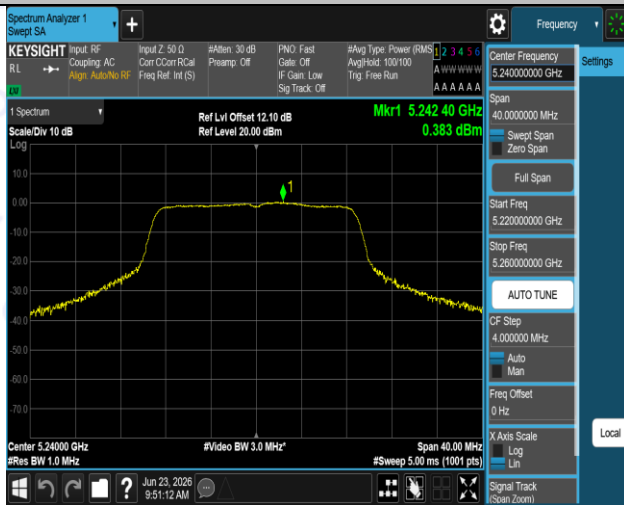
11A-Ant1-5825-PASS



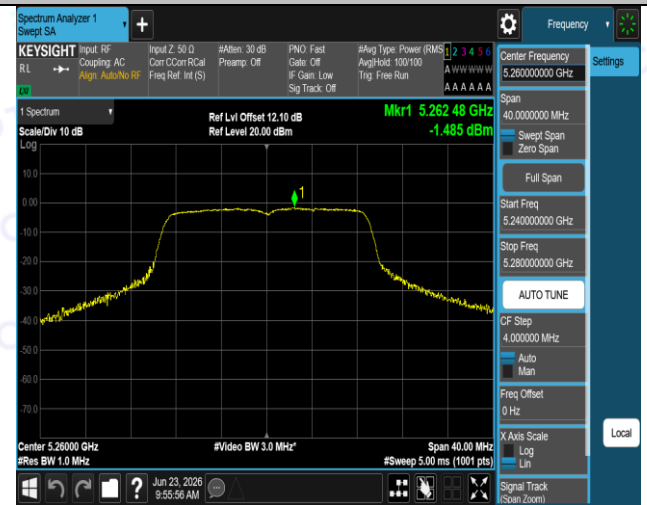
11N20SISO-Ant1-5180-PASS



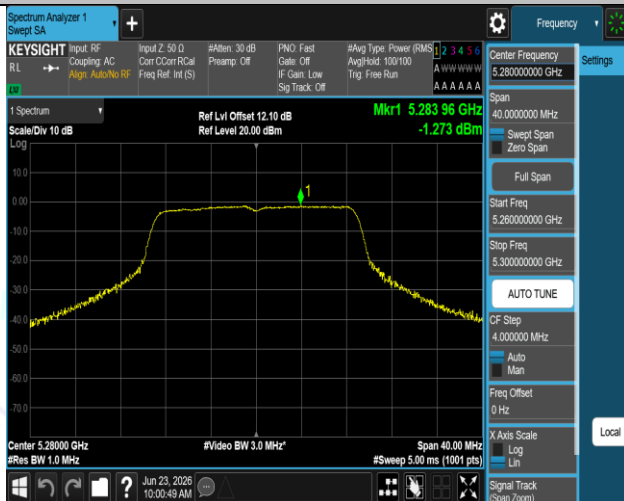
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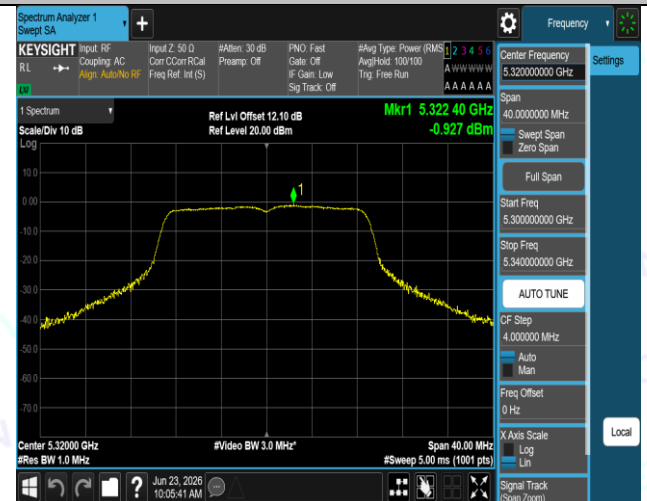
11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5260-PASS



11N20SISO-Ant1-5280-PASS



11N20SISO-Ant1-5320-PASS



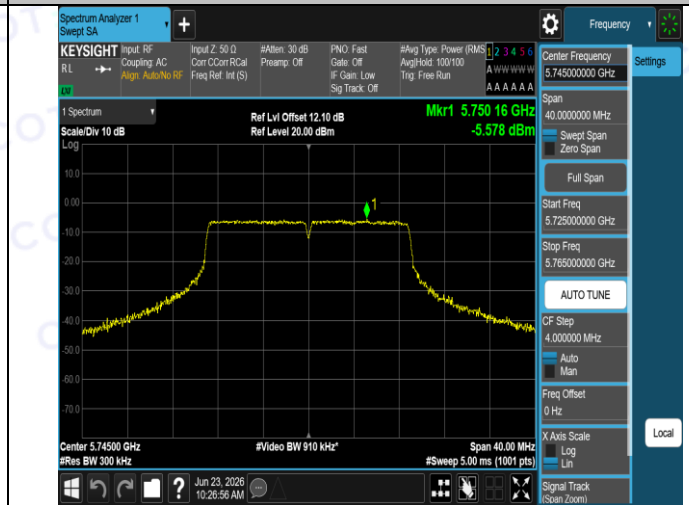
11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



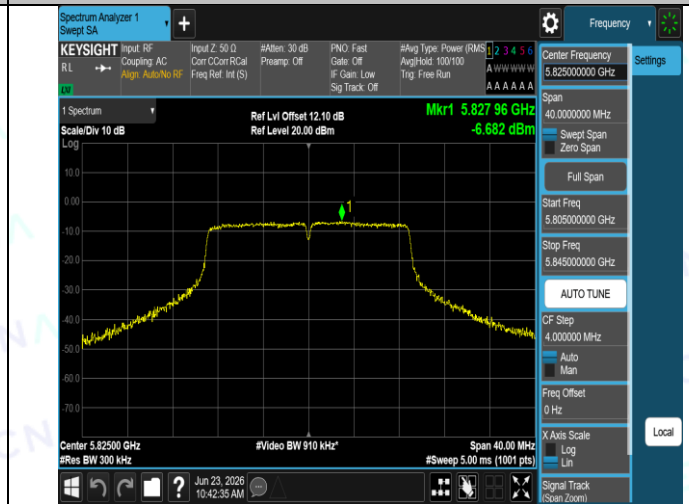
11N20SISO-Ant1-5700-PASS



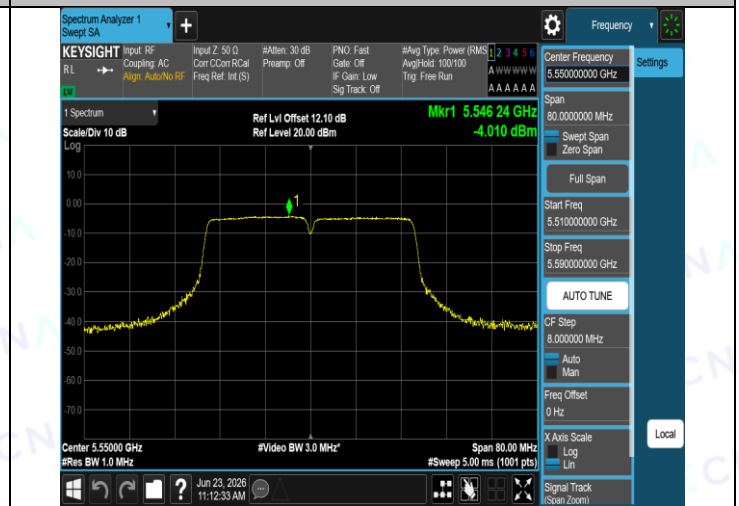
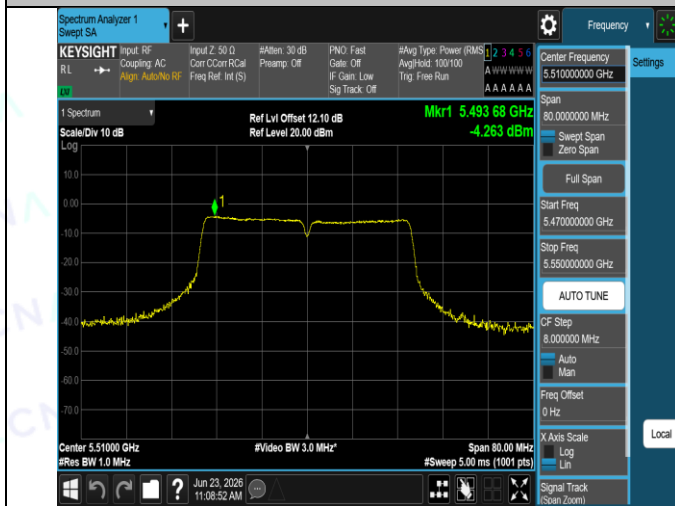
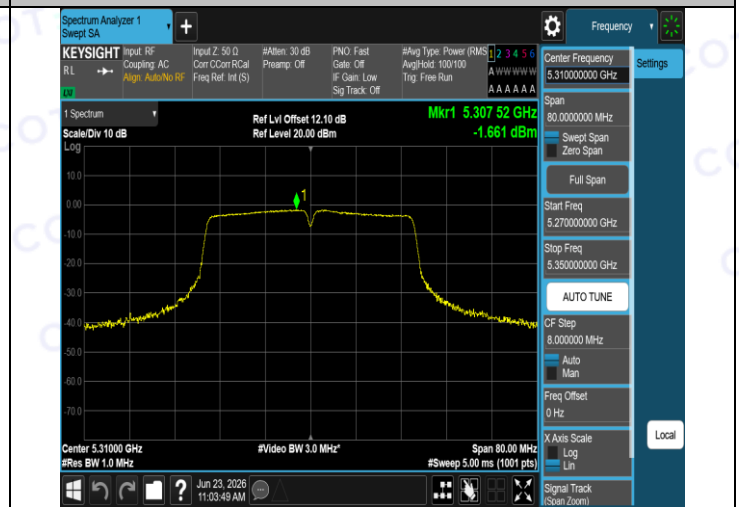
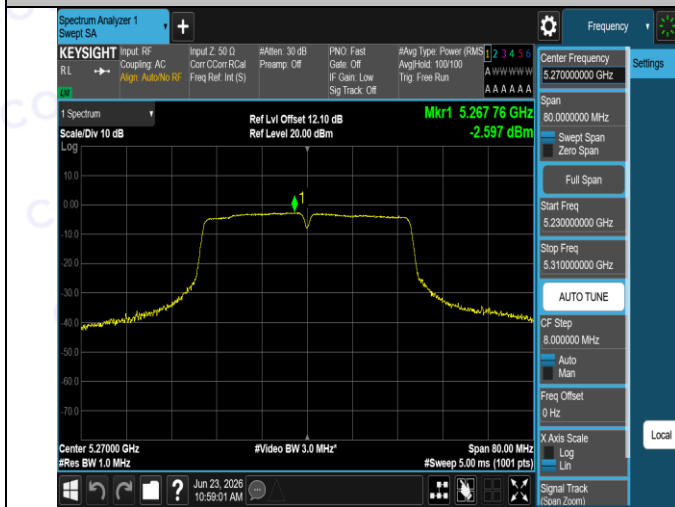
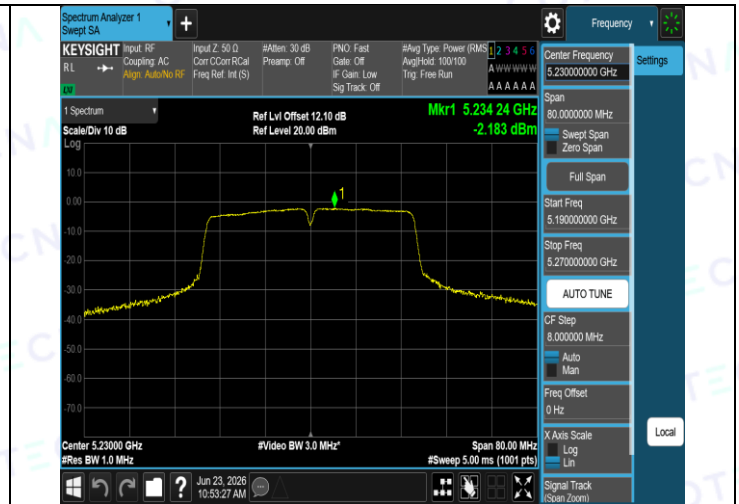
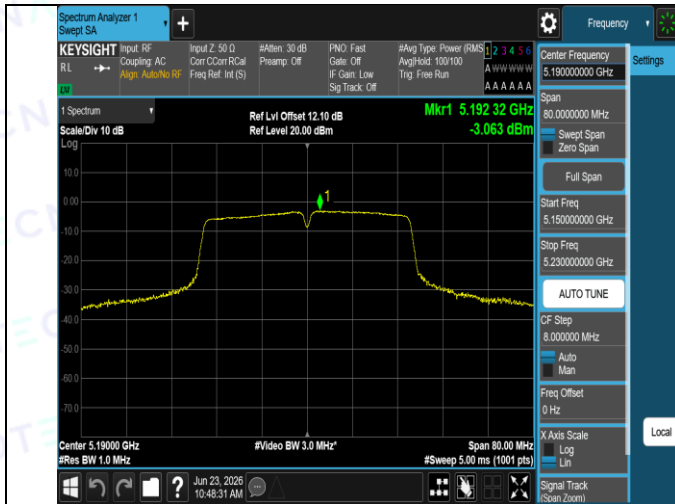
11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS

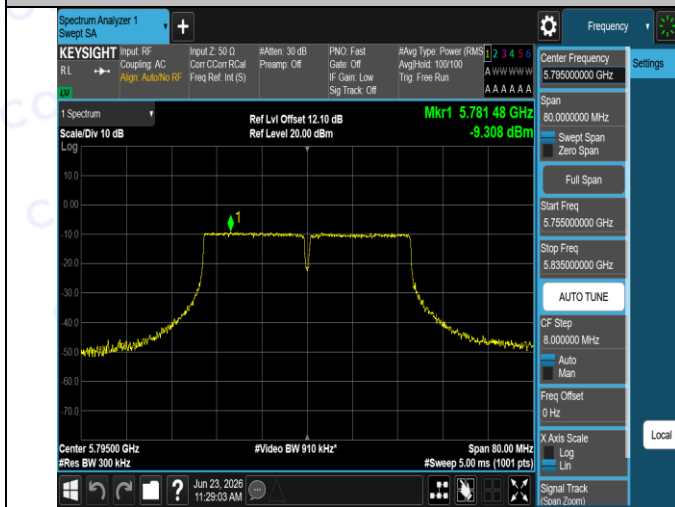
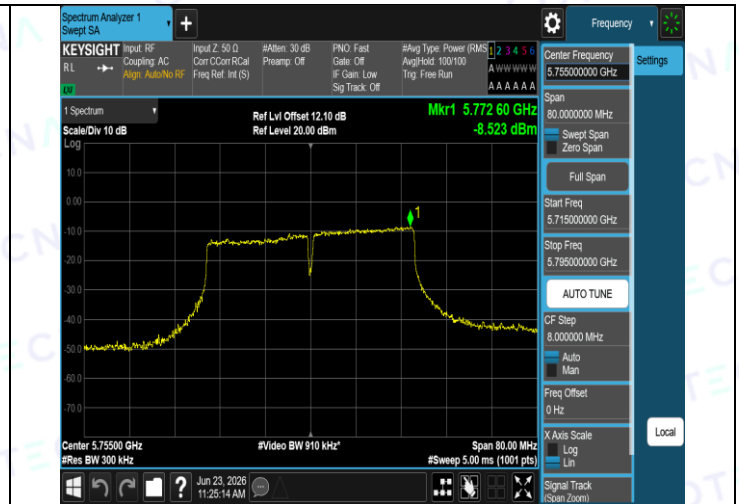
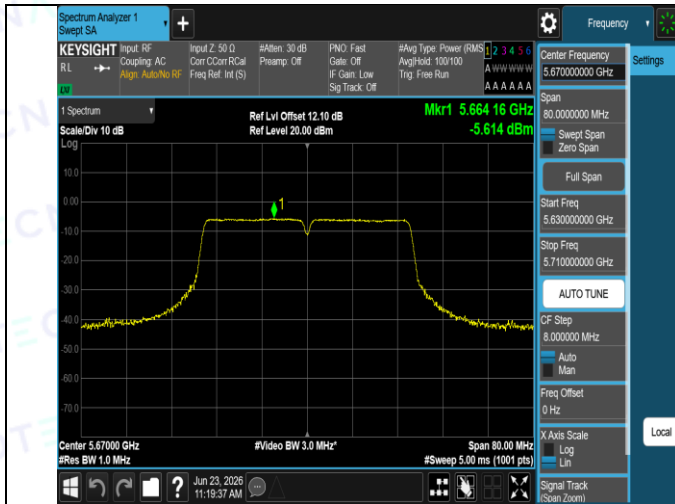


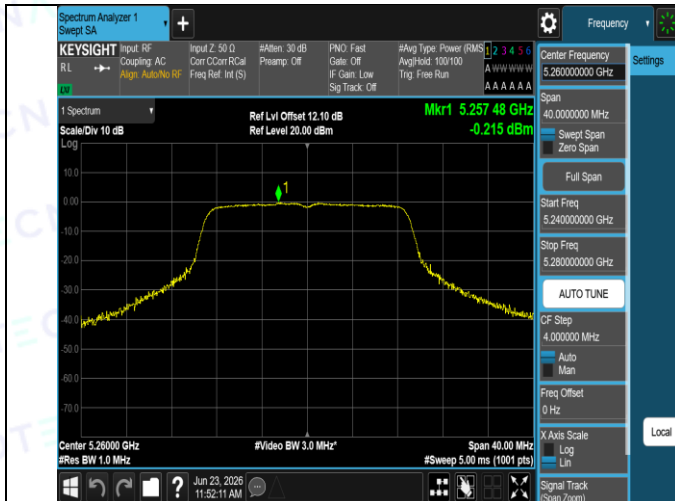
11N20SISO-Ant1-5825-PASS



11N40ISO-Ant1-5510-PASS

11N40ISO-Ant1-5550-PASS





11AC20SISO-Ant1-5260-PASS



11AC20SISO-Ant1-5280-PASS



11AC20SISO-Ant1-5320-PASS



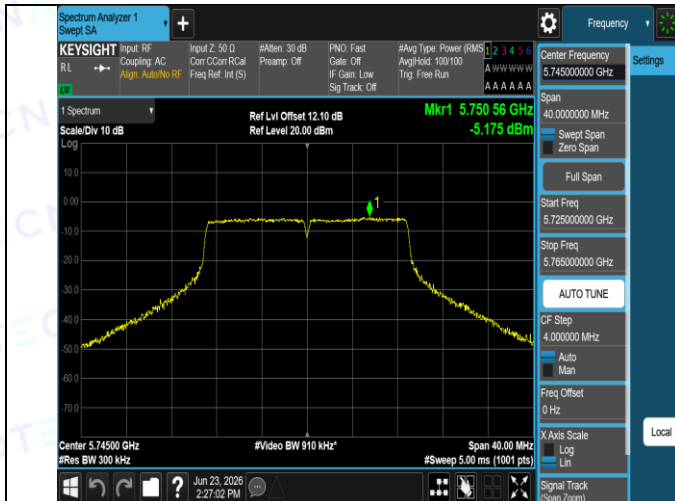
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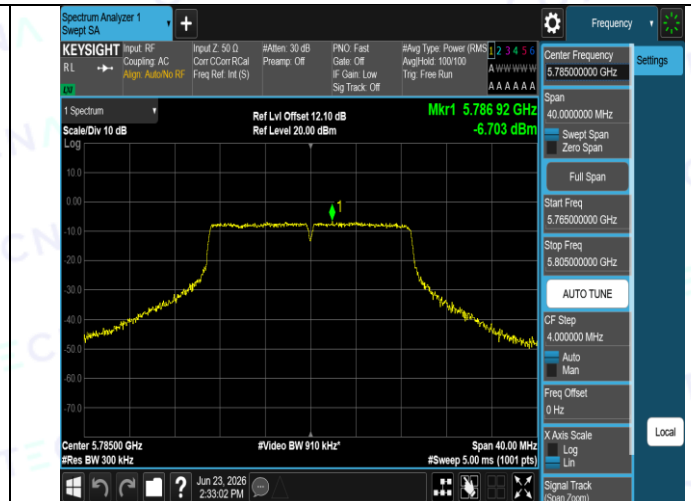
11AC20SISO-Ant1-5580-PASS



11AC20SISO-Ant1-5700-PASS



11AC20SISO-Ant1-5745-PASS



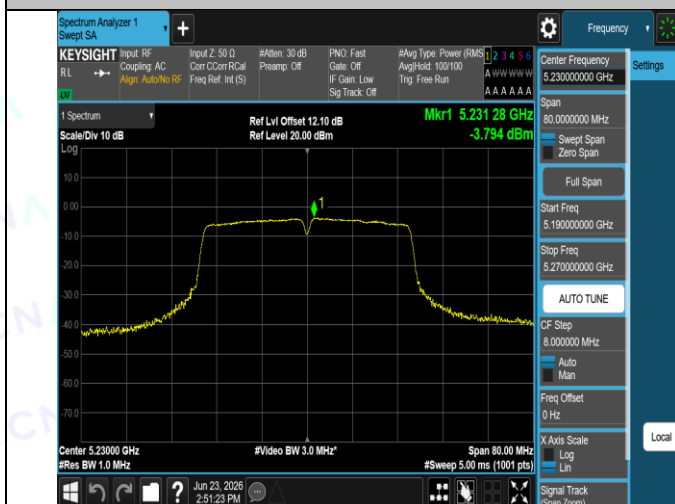
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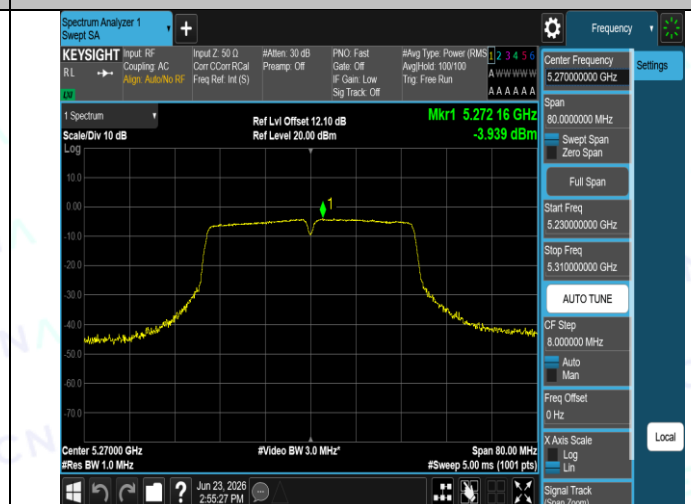
11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant1-5270-PASS