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6.1. Block diagram of test setup

Same with 4.1

6.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	11 dBm/MHz	5250-5350
	11 dBm/MHz	5470 - 5725
	30 dBm/500 kHz	5725-5850
Note: the EUT does not incorporate a MIMO function.		

6.3. Test procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyzer and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

6.4. Test result

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
a	5180	Ant1	3.41	0.31	3.72	11	PASS
a	5200	Ant1	3.79	0.29	4.08	11	PASS
a	5240	Ant1	4.23	0.34	4.57	11	PASS
a	5260	Ant1	4.83	0.42	5.25	11	PASS
a	5280	Ant1	5.57	0.24	5.81	11	PASS
a	5320	Ant1	6.58	0.29	6.87	11	PASS
a	5500	Ant1	7.55	0.38	7.93	11	PASS
a	5600	Ant1	6.01	0.44	6.45	11	PASS
a	5700	Ant1	0.89	0.44	1.33	11	PASS
a	5745	Ant1	5.45	0.38	5.83	30	PASS
a	5785	Ant1	5.44	0.32	5.76	30	PASS
a	5825	Ant1	5.39	0.36	5.75	30	PASS
a	5180	Ant2	2.93	0.32	3.25	11	PASS
a	5200	Ant2	3.24	0.26	3.5	11	PASS
a	5240	Ant2	4.13	0.36	4.49	11	PASS
a	5260	Ant2	5.16	0.44	5.6	11	PASS
a	5280	Ant2	6.11	0.24	6.35	11	PASS
a	5320	Ant2	6.28	0.32	6.6	11	PASS
a	5500	Ant2	7.29	0.38	7.67	11	PASS
a	5600	Ant2	6.06	0.32	6.38	11	PASS
a	5700	Ant2	6.73	0.44	7.17	11	PASS
a	5745	Ant2	3.9	0.32	4.22	30	PASS
a	5785	Ant2	3.64	0.38	4.02	30	PASS
a	5825	Ant2	3.62	0.26	3.88	30	PASS
n20	5180	Ant1	4.57	0.22	4.79	11	PASS
n20	5200	Ant1	4.55	0.3	4.85	11	PASS
n20	5240	Ant1	5.04	0.37	5.41	11	PASS
n20	5260	Ant1	5.36	0.41	5.77	11	PASS
n20	5280	Ant1	6.56	0.39	6.95	11	PASS
n20	5320	Ant1	7.16	0.33	7.49	11	PASS
n20	5500	Ant1	7.76	0.45	8.21	11	PASS
n20	5600	Ant1	6.42	0.39	6.81	11	PASS
n20	5700	Ant1	7.48	0.39	7.87	11	PASS
n20	5745	Ant1	5.53	0.26	5.79	30	PASS
n20	5785	Ant1	4.62	0.35	4.97	30	PASS
n20	5825	Ant1	4.99	0.45	5.44	30	PASS
n20	5180	Ant2	2.3	0.41	2.71	11	PASS
n20	5200	Ant2	2.95	0.35	3.3	11	PASS
n20	5240	Ant2	3.33	0.47	3.8	11	PASS
n20	5260	Ant2	4.29	0.41	4.7	11	PASS
n20	5280	Ant2	5.04	0.49	5.53	11	PASS
n20	5320	Ant2	5.8	0.47	6.27	11	PASS
n20	5500	Ant2	7.7	0.28	7.98	11	PASS

n20	5600	Ant2	6.67	0.45	7.12	11	PASS
n20	5700	Ant2	4.96	0.41	5.37	11	PASS
n20	5745	Ant2	3.23	0.41	3.64	30	PASS
n20	5785	Ant2	3.28	0.45	3.73	30	PASS
n20	5825	Ant2	3.53	0.41	3.94	30	PASS
ac20	5180	Ant1	5.16	0.41	5.57	11	PASS
ac20	5200	Ant1	6.19	0.39	6.58	11	PASS
ac20	5240	Ant1	7.6	0.39	7.99	11	PASS
ac20	5260	Ant1	7.69	0.51	8.2	11	PASS
ac20	5280	Ant1	8.92	0.47	9.39	11	PASS
ac20	5320	Ant1	9.42	0.35	9.77	11	PASS
ac20	5500	Ant1	5.35	0.43	5.78	11	PASS
ac20	5600	Ant1	7	0.41	7.41	11	PASS
ac20	5700	Ant1	5.39	0.36	5.75	11	PASS
ac20	5745	Ant1	4.74	0.45	5.19	30	PASS
ac20	5785	Ant1	4.92	0.3	5.22	30	PASS
ac20	5825	Ant1	5.05	0.37	5.42	30	PASS
ac20	5180	Ant2	6.04	0.45	6.49	11	PASS
ac20	5200	Ant2	6.54	0.3	6.84	11	PASS
ac20	5240	Ant2	7.24	0.47	7.71	11	PASS
ac20	5260	Ant2	8.14	0.45	8.59	11	PASS
ac20	5280	Ant2	8.75	0.3	9.05	11	PASS
ac20	5320	Ant2	4.78	0.32	5.1	11	PASS
ac20	5500	Ant2	5.72	0.32	6.04	11	PASS
ac20	5600	Ant2	8.22	0.26	8.48	11	PASS
ac20	5700	Ant2	1.72	0.47	2.19	11	PASS
ac20	5745	Ant2	3.24	0.45	3.69	30	PASS
ac20	5785	Ant2	3.28	0.43	3.71	30	PASS
ac20	5825	Ant2	3.66	0.41	4.07	30	PASS

Note: The limit for band 5725MHz – 5850MHz is dBm/500kHz.

6.5. Original test data

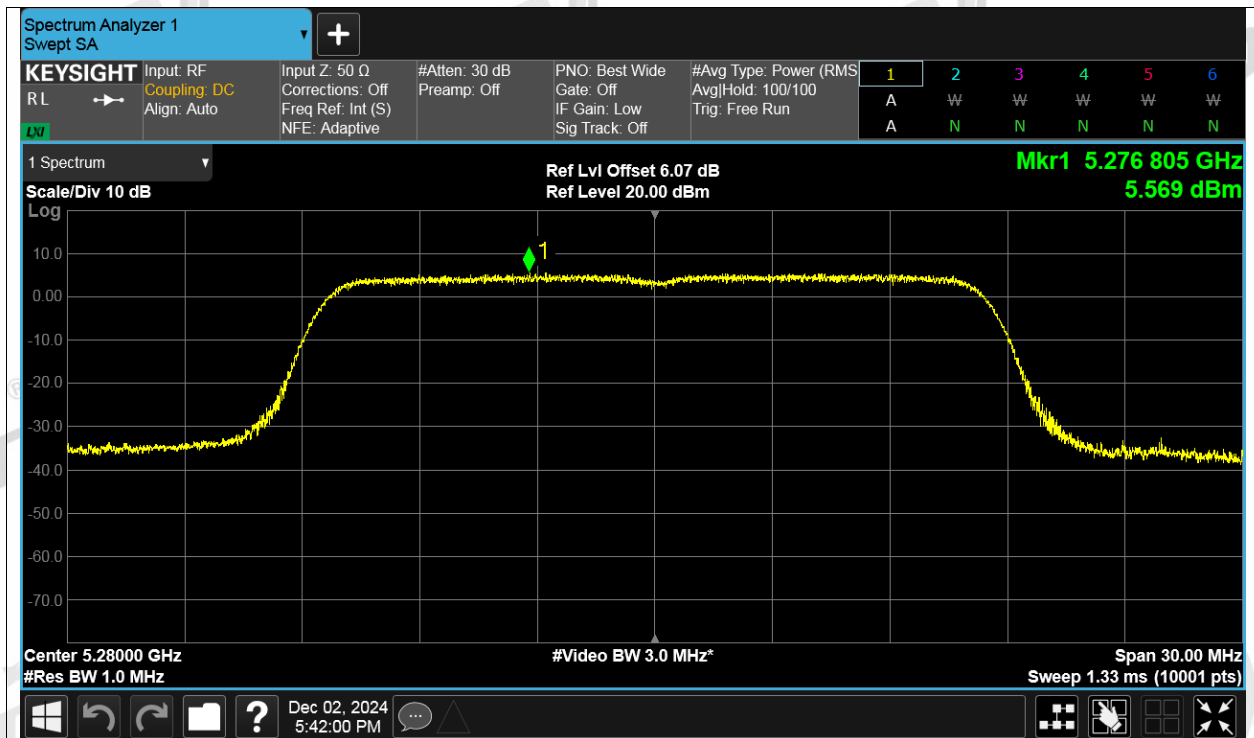




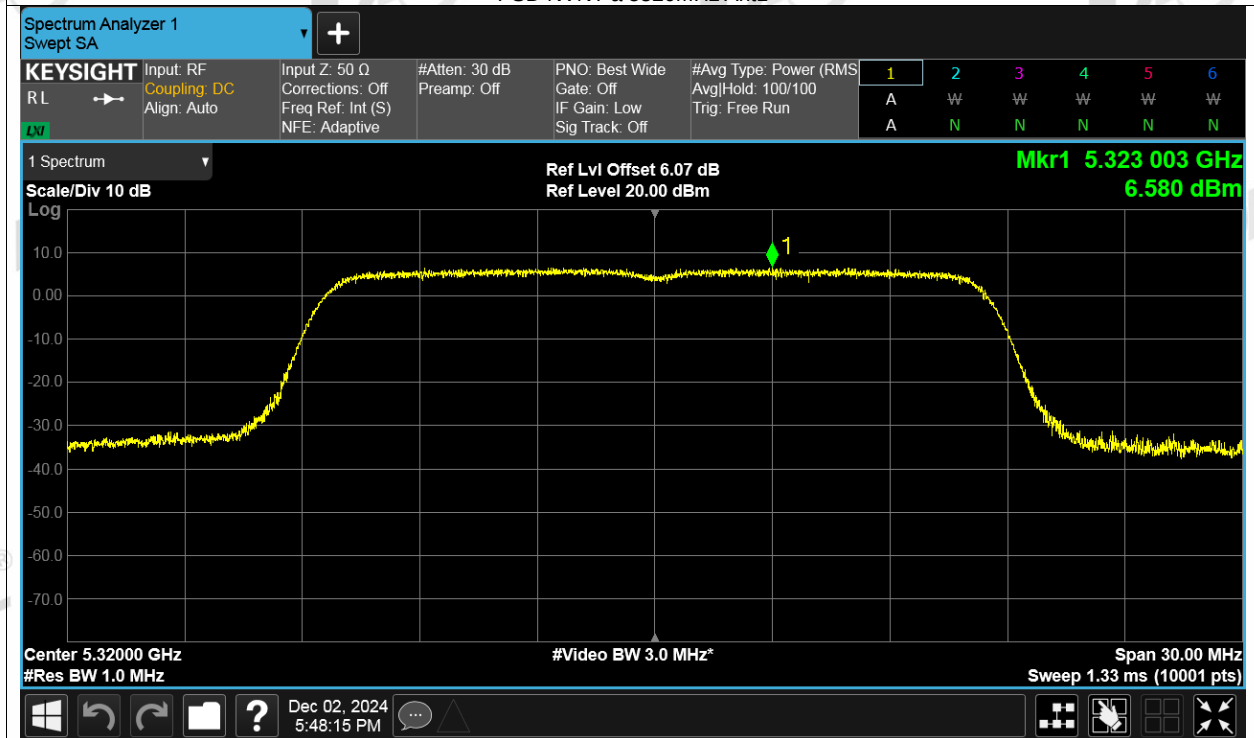
PSD NVNT a 5260MHz Ant1



PSD NVNT a 5280MHz Ant1



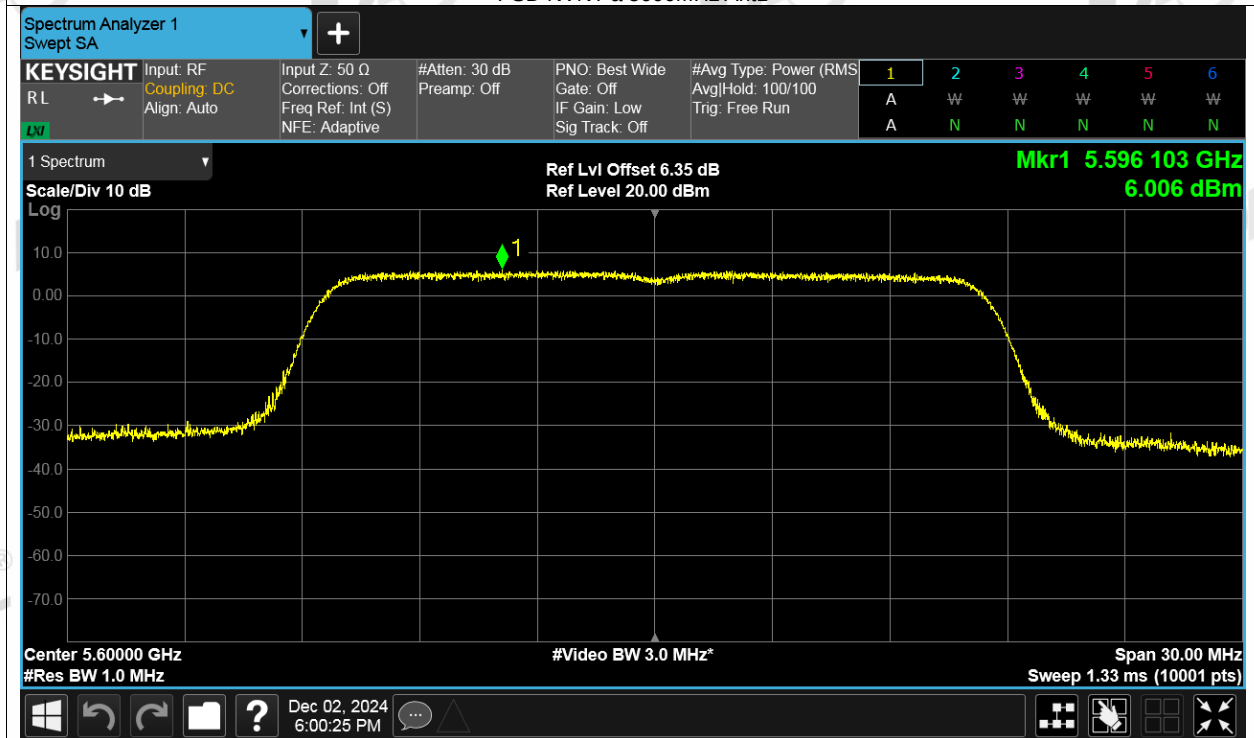
PSD NVNT a 5320MHz Ant1



PSD NVNT a 5500MHz Ant1



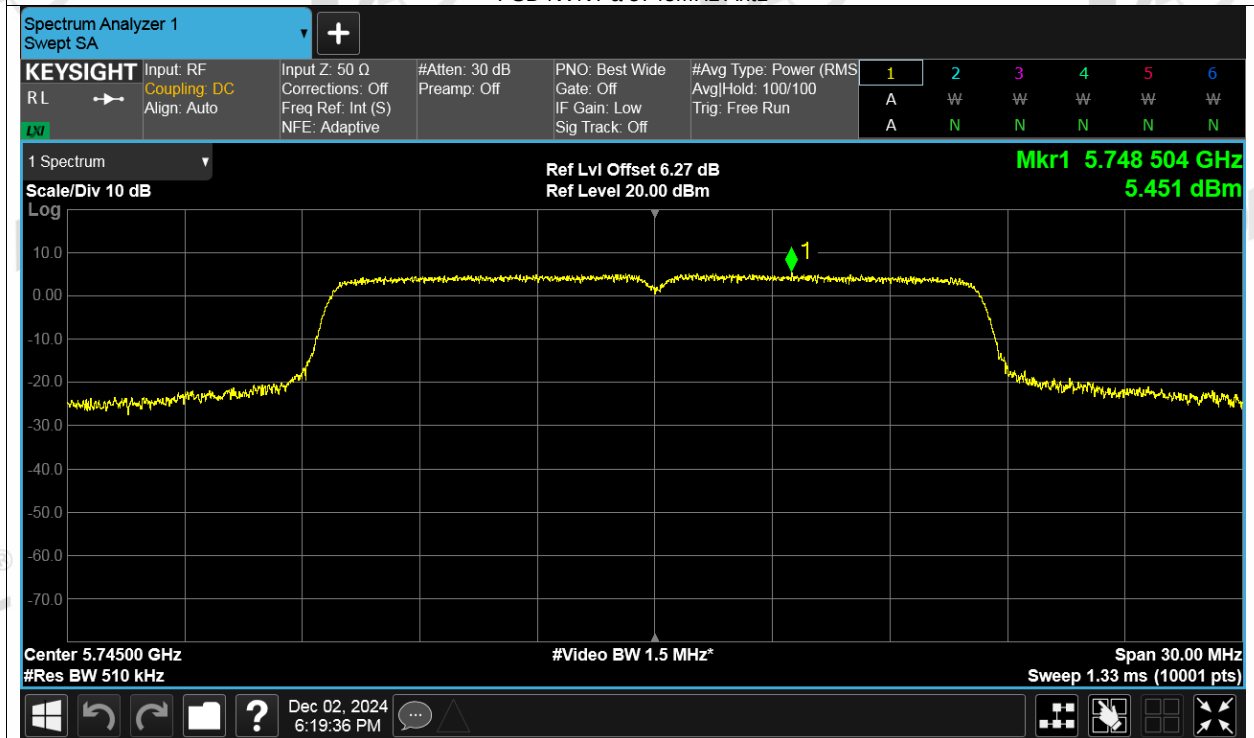
PSD NVNT a 5600MHz Ant1



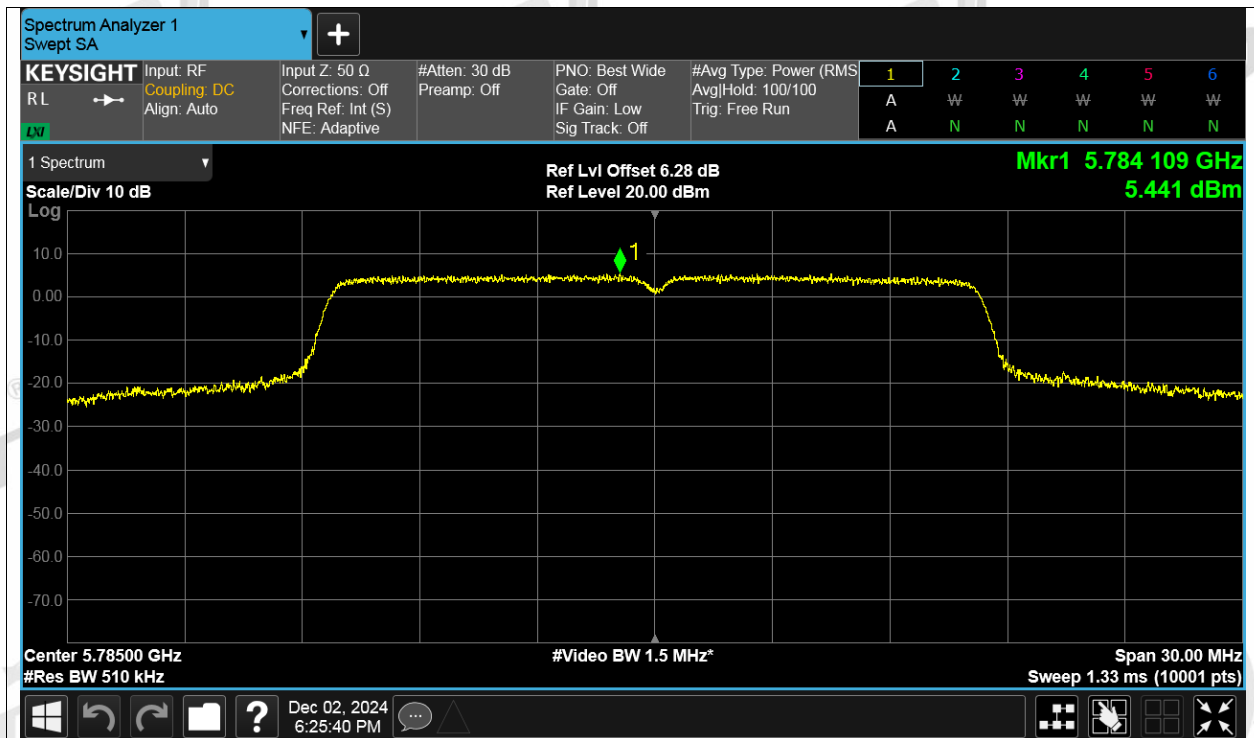
PSD NVNT a 5700MHz Ant1



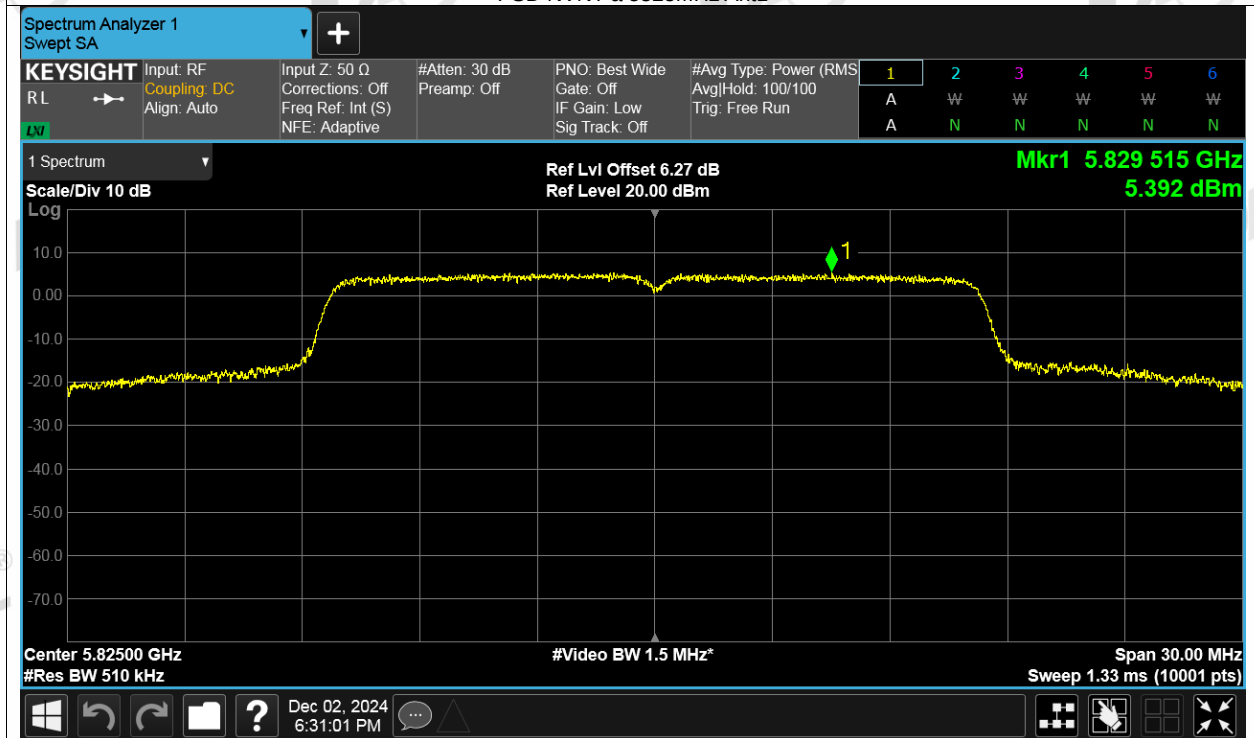
PSD NVNT a 5745MHz Ant1



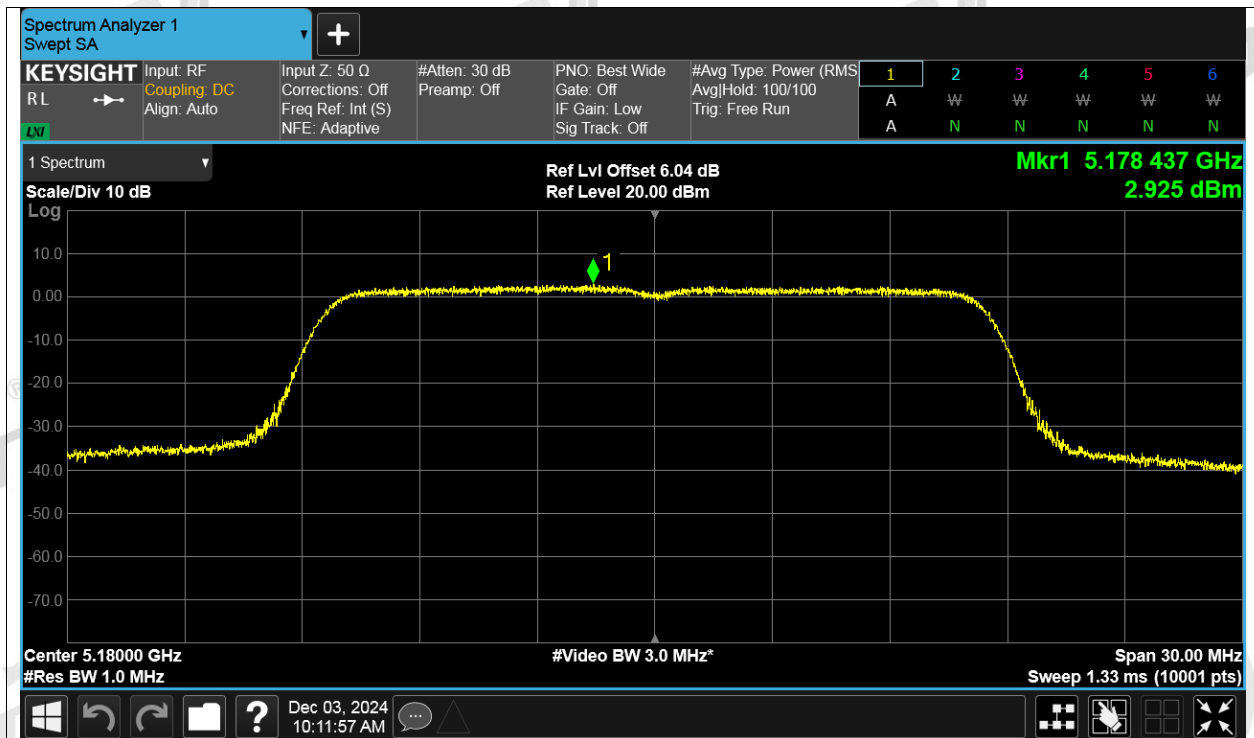
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



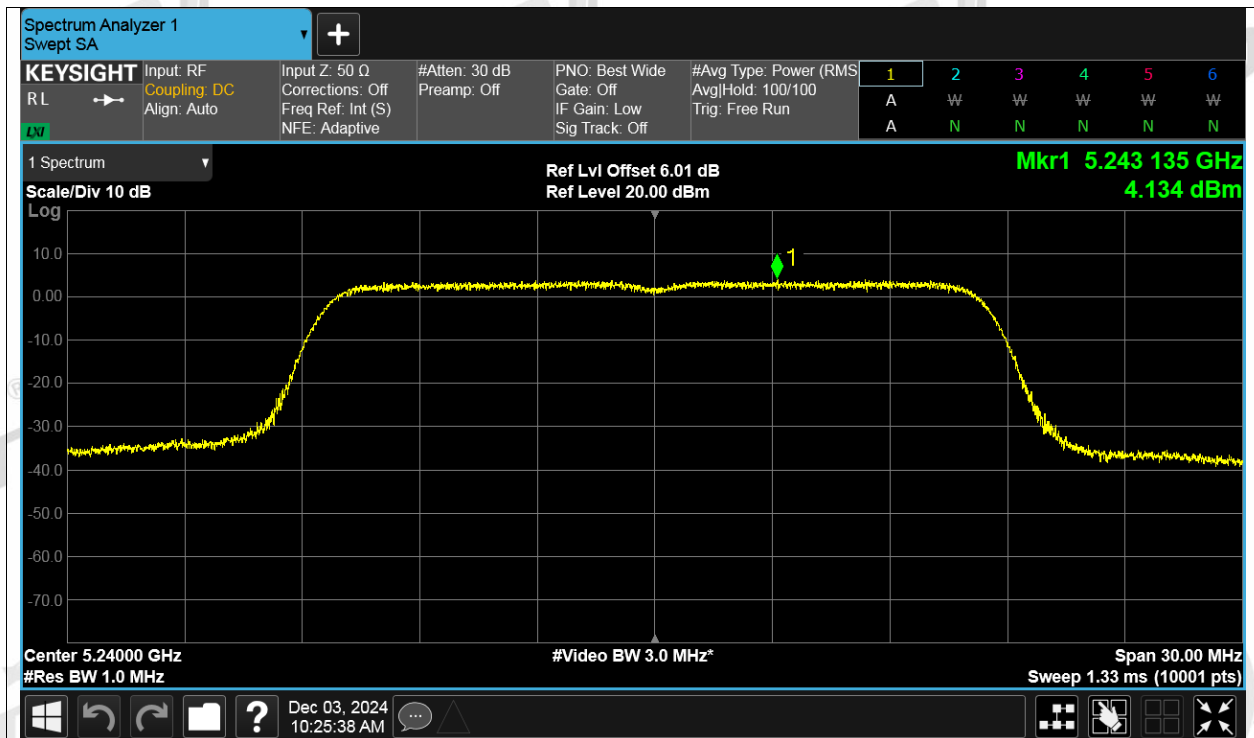
PSD NVNT a 5180MHz Ant2



PSD NVNT a 5200MHz Ant2



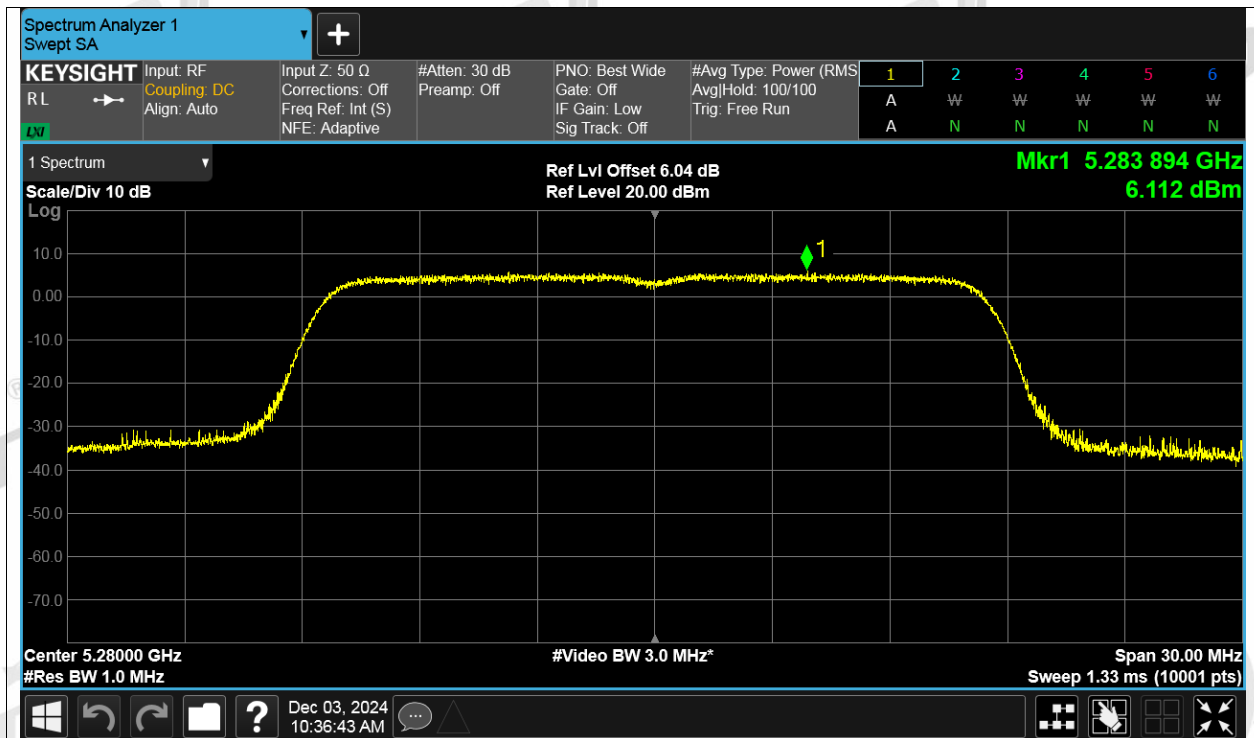
PSD NVNT a 5240MHz Ant2



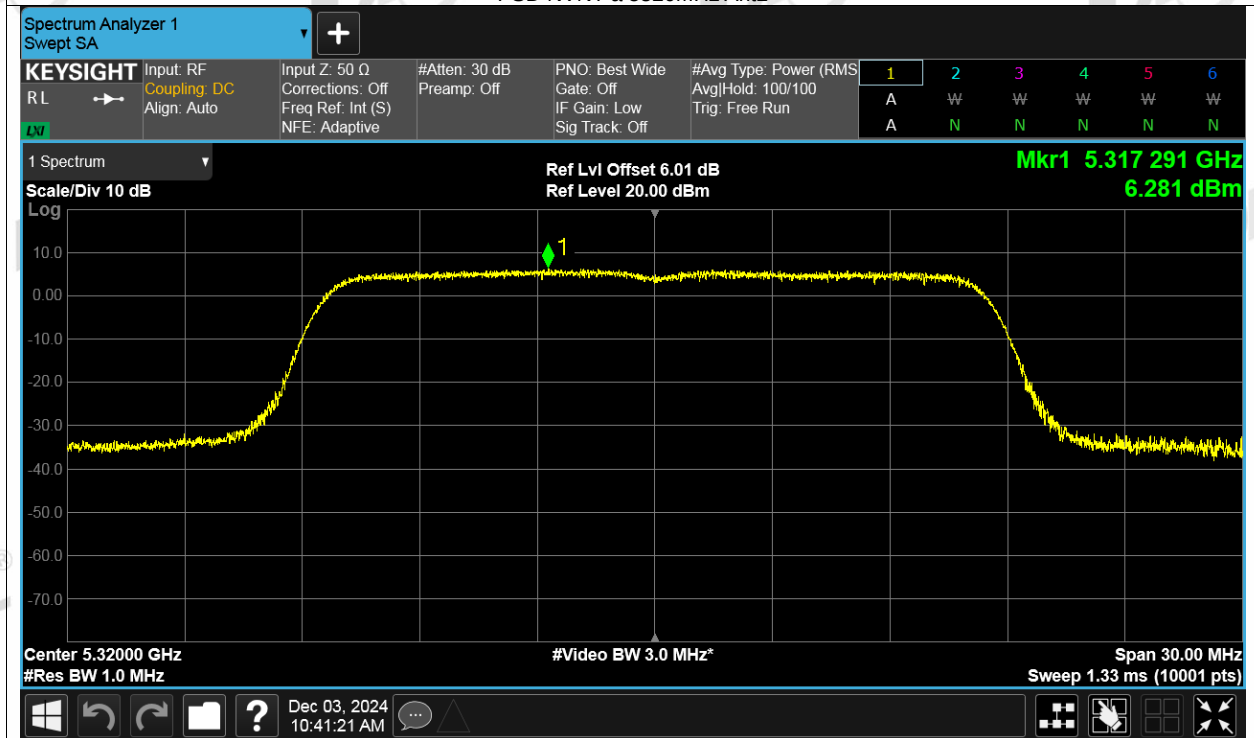
PSD NVNT a 5260MHz Ant2



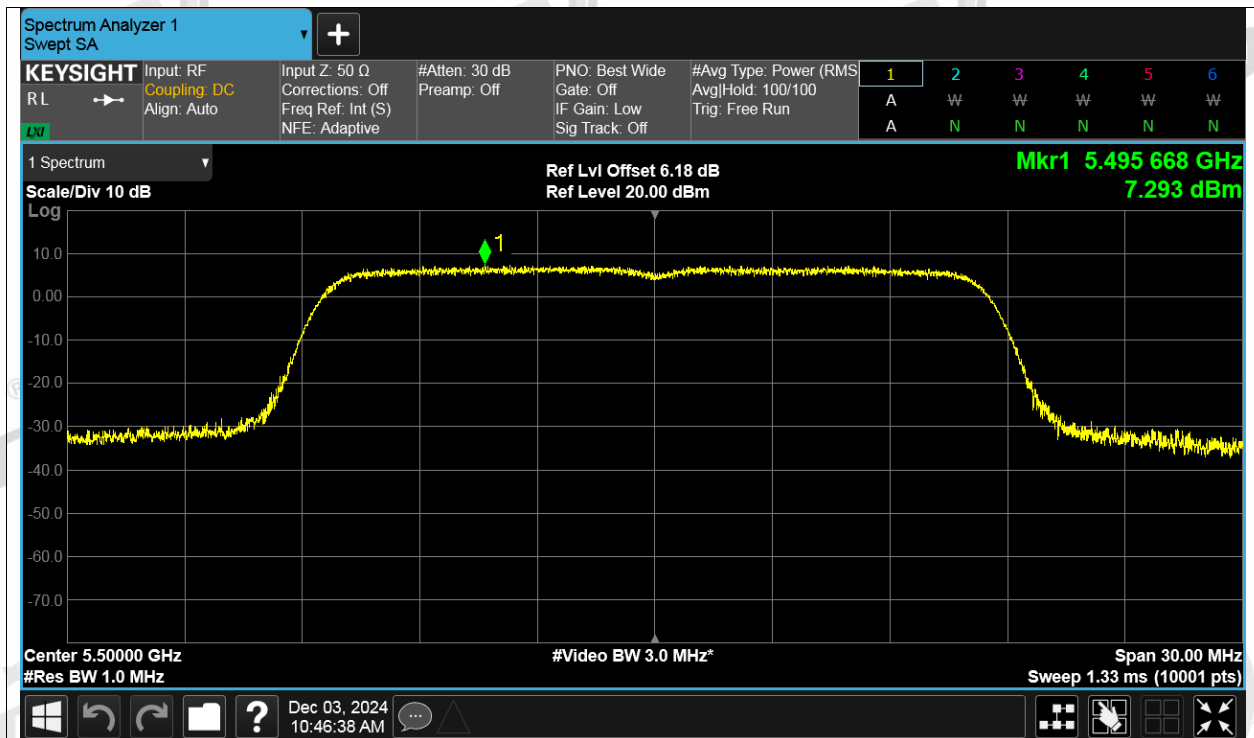
PSD NVNT a 5280MHz Ant2



PSD NVNT a 5320MHz Ant2



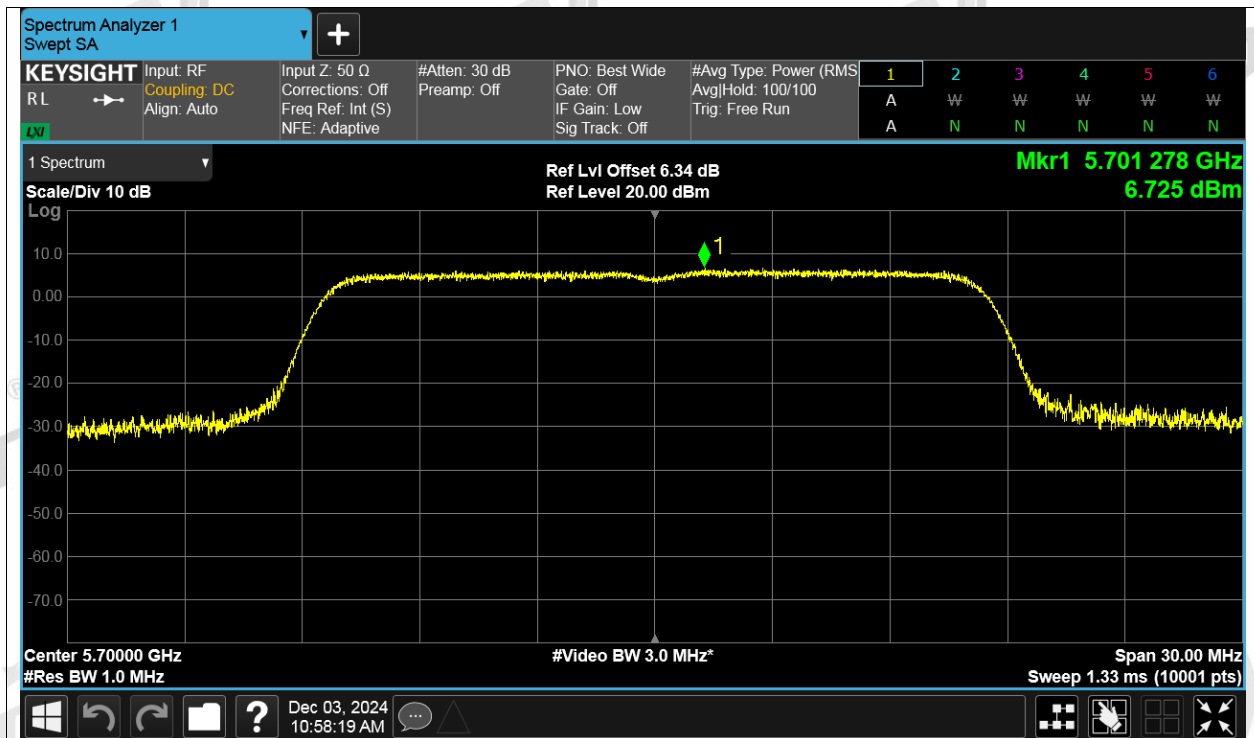
PSD NVNT a 5500MHz Ant2



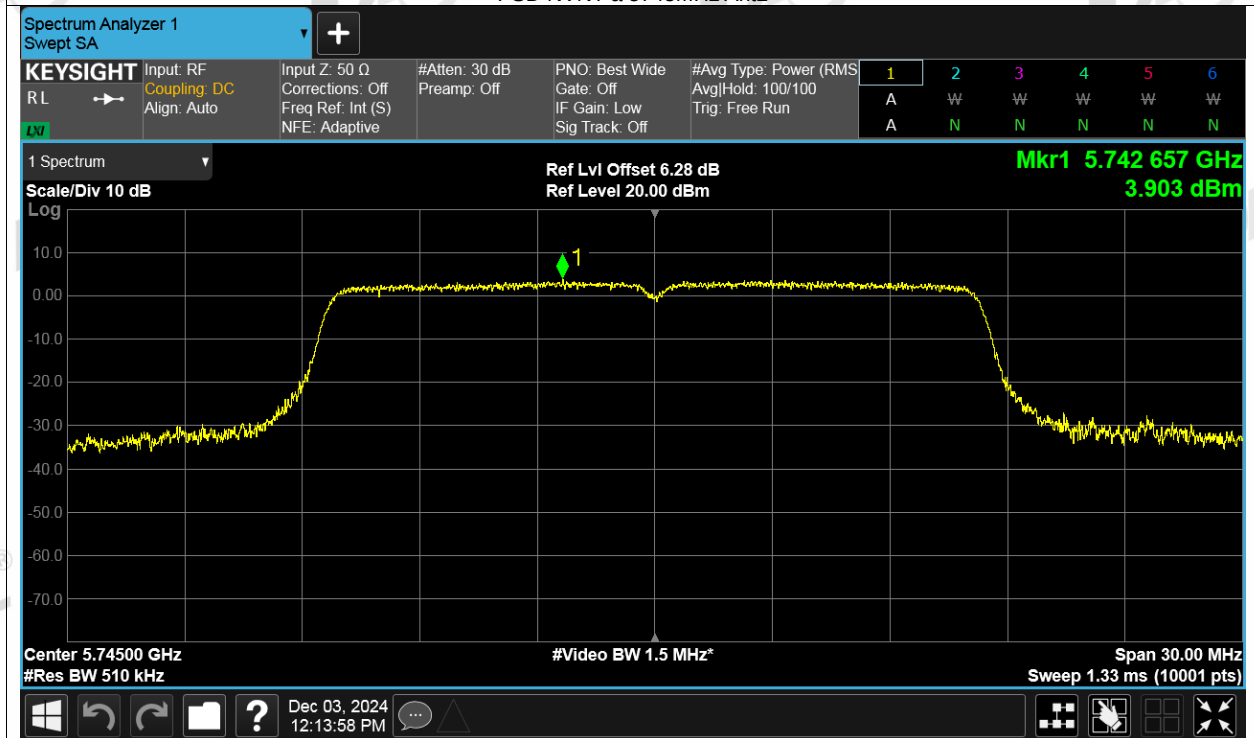
PSD NVNT a 5600MHz Ant2



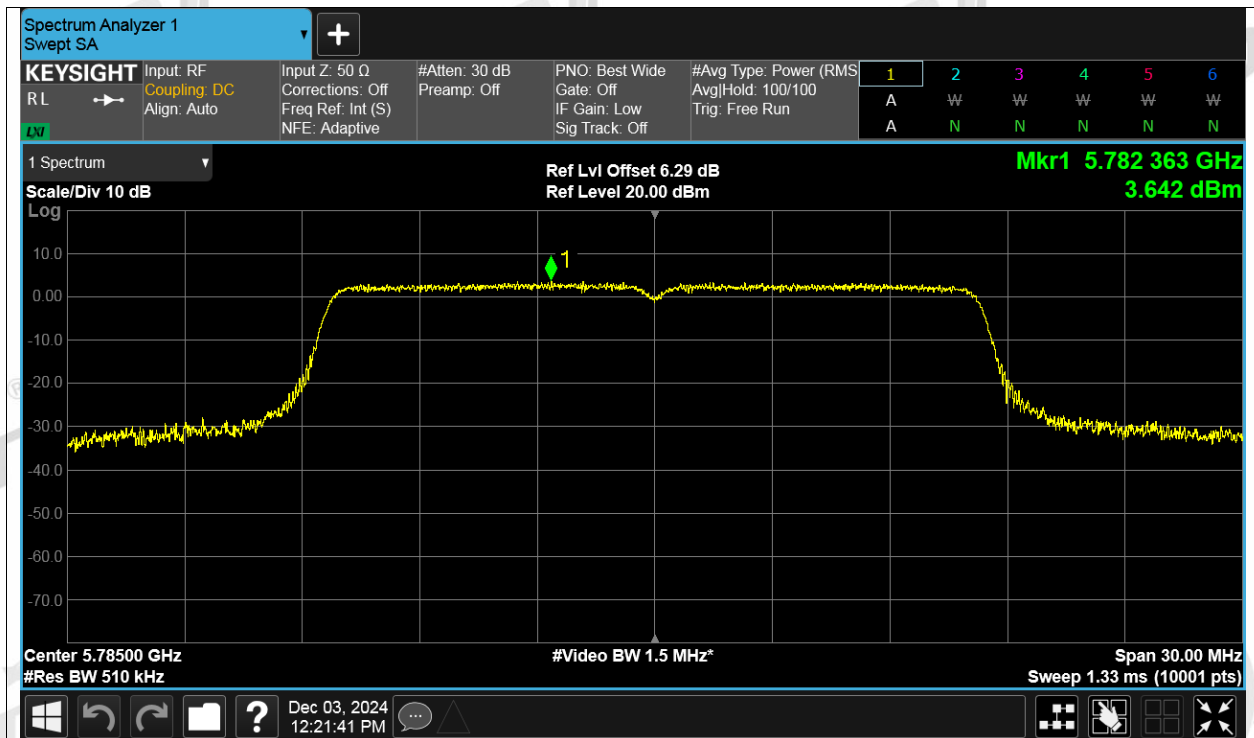
PSD NVNT a 5700MHz Ant2



PSD NVNT a 5745MHz Ant2



PSD NVNT a 5785MHz Ant2



PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5180MHz Ant1

