



Appendix D

RF Test Data for 5.5GWIFI (Conducted Measurement)

Product Name: Flat Panel Detector

Test Model: MasterX903SW

Environmental Conditions

Temperature:	25.3°C
Relative Humidity:	54.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



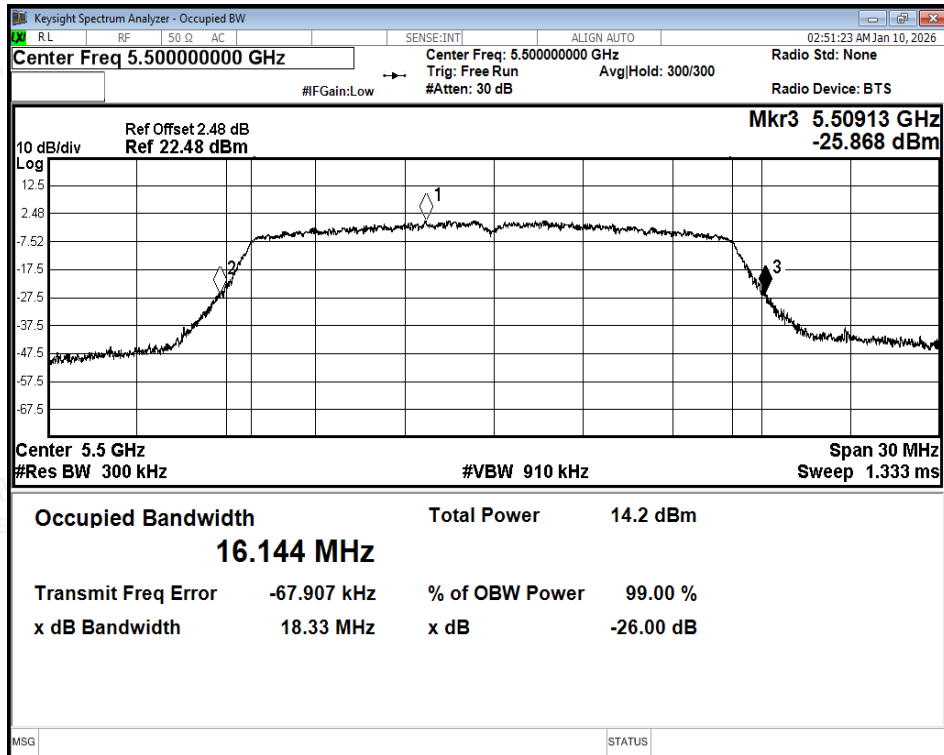
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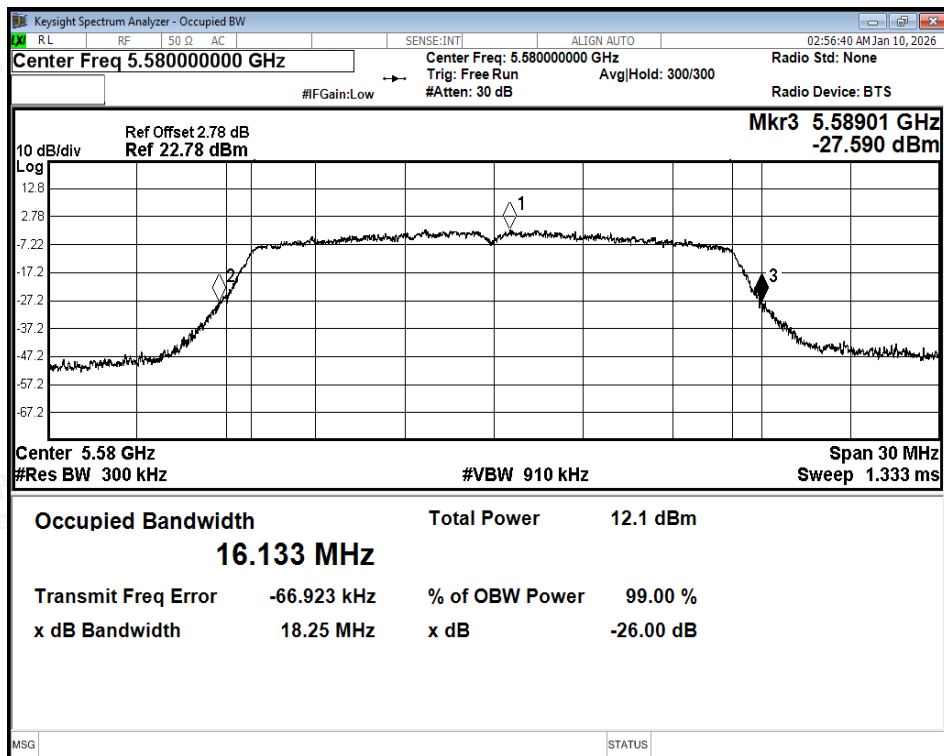
D.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	18.33
NVNT	a	5580	Ant1	18.25
NVNT	a	5700	Ant1	18.34
NVNT	n20	5500	Ant1	19.1
NVNT	n20	5580	Ant1	19.06
NVNT	n20	5700	Ant1	19.13
NVNT	n40	5510	Ant1	38.76
NVNT	n40	5550	Ant1	38.7
NVNT	n40	5670	Ant1	38.77
NVNT	ac20	5500	Ant1	19.17
NVNT	ac20	5580	Ant1	19.19
NVNT	ac20	5700	Ant1	19.09
NVNT	ac40	5510	Ant1	38.64
NVNT	ac40	5550	Ant1	38.68
NVNT	ac40	5670	Ant1	38.83
NVNT	ac80	5530	Ant1	82.25
NVNT	ac80	5610	Ant1	82.56
NVNT	ac160	5570	Ant1	163.5
NVNT	ax20	5500	Ant1	20.06
NVNT	ax20	5580	Ant1	20.01
NVNT	ax20	5700	Ant1	20.06
NVNT	ax40	5510	Ant1	39.89
NVNT	ax40	5550	Ant1	39.83
NVNT	ax40	5670	Ant1	39.68
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NVNT	ax80	5610	Ant1	80.82
NVNT	ax160	5570	Ant1	162.3



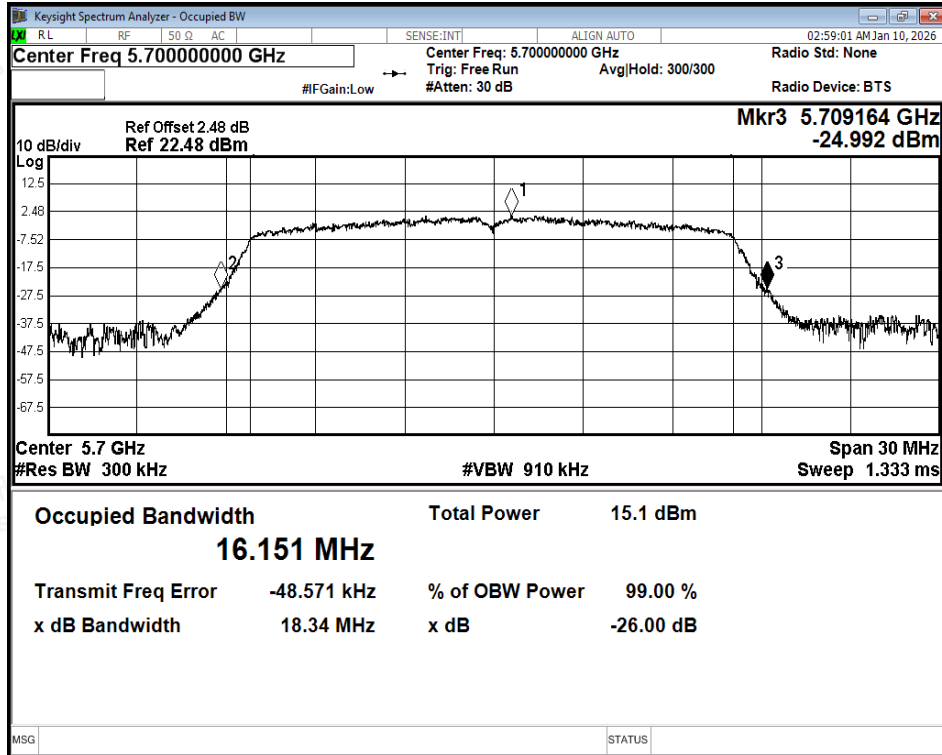


-26dB Bandwidth NVNT a 5500MHz Ant1

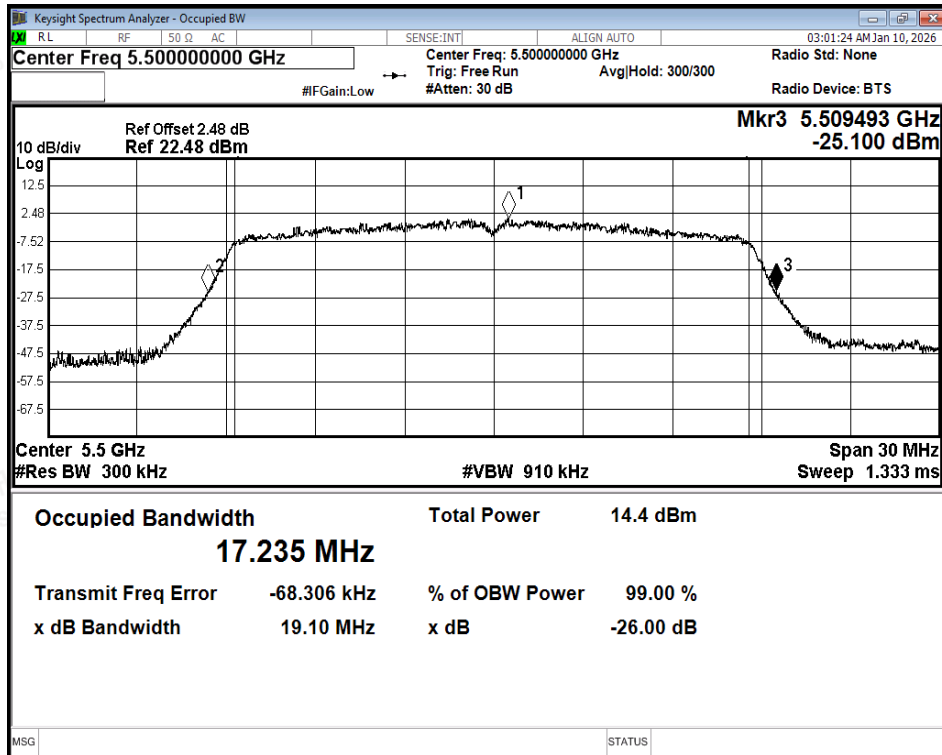


-26dB Bandwidth NVNT a 5580MHz Ant1



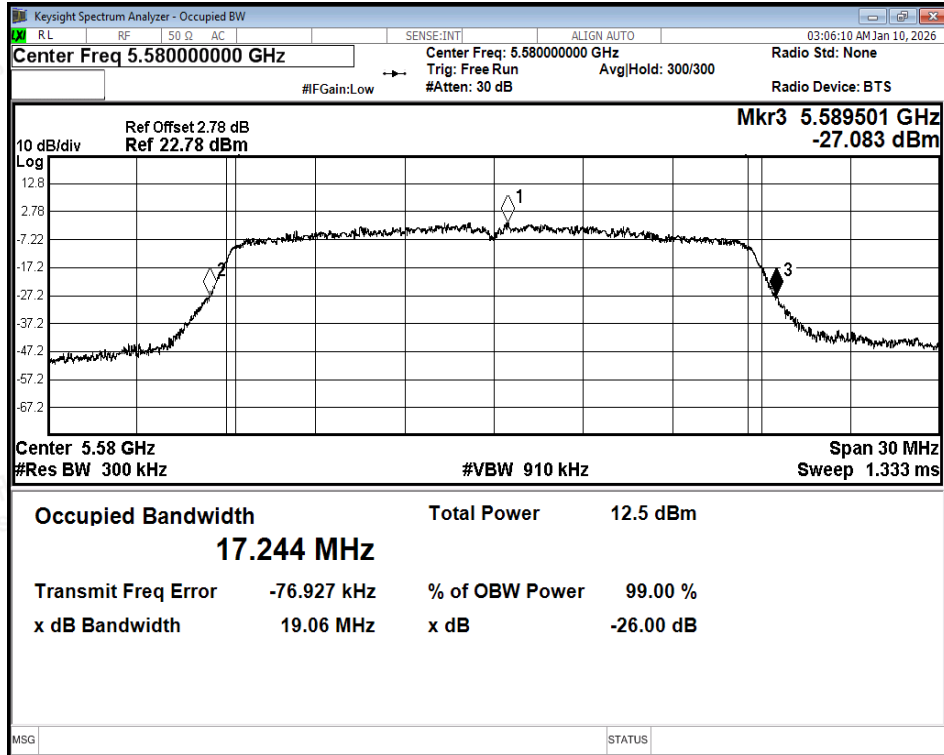


-26dB Bandwidth NVNT a 5700MHz Ant1

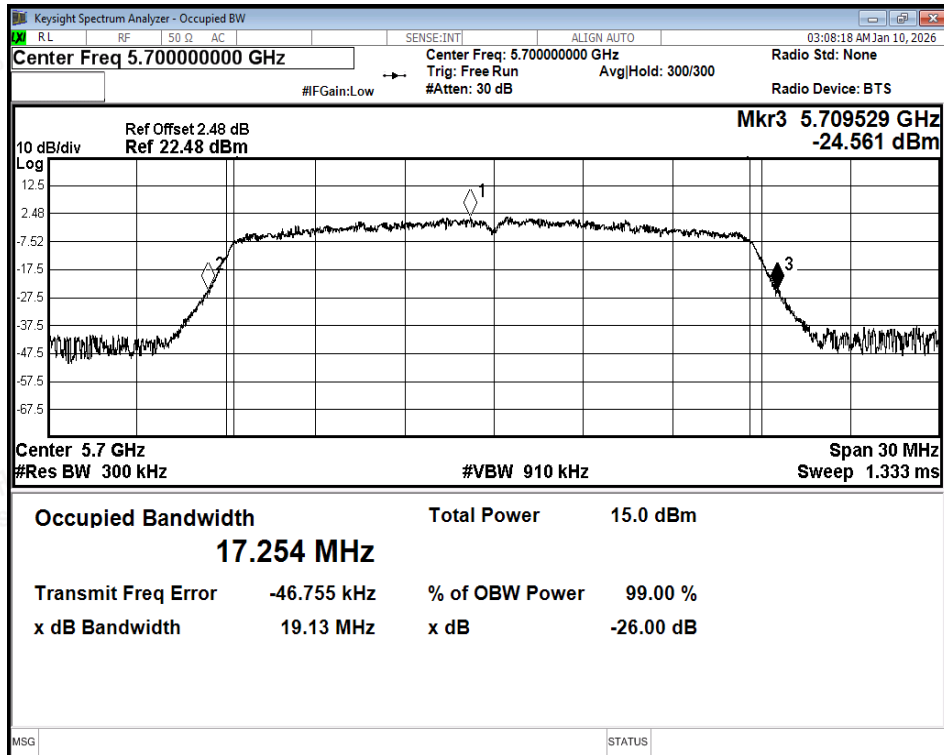


-26dB Bandwidth NVNT n20 5500MHz Ant1



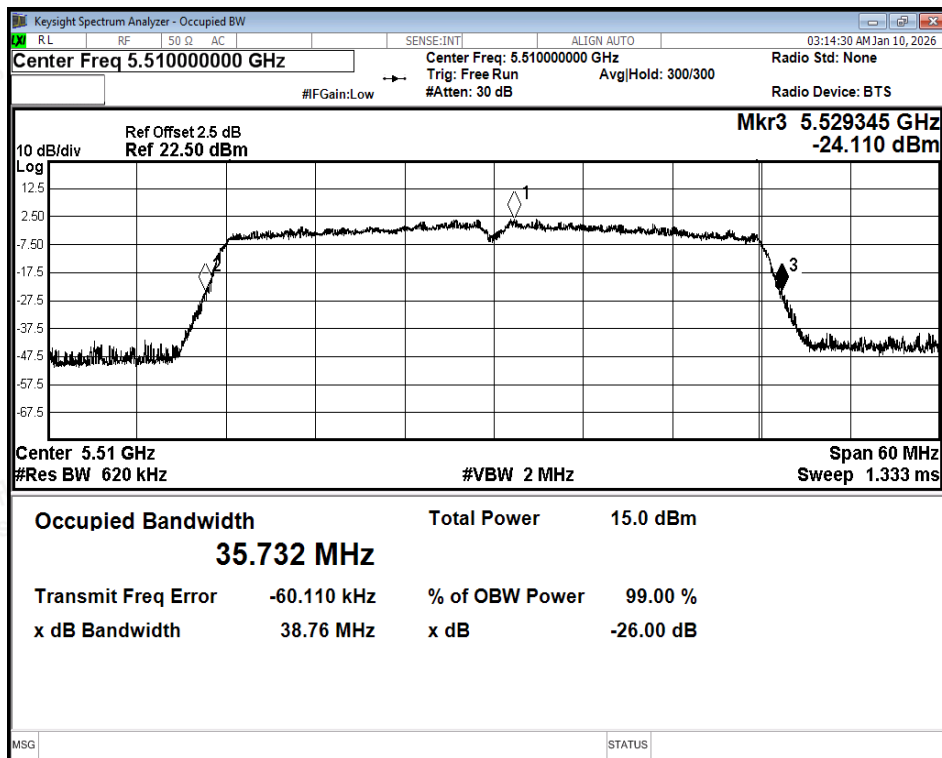


-26dB Bandwidth NVNT n20 5580MHz Ant1

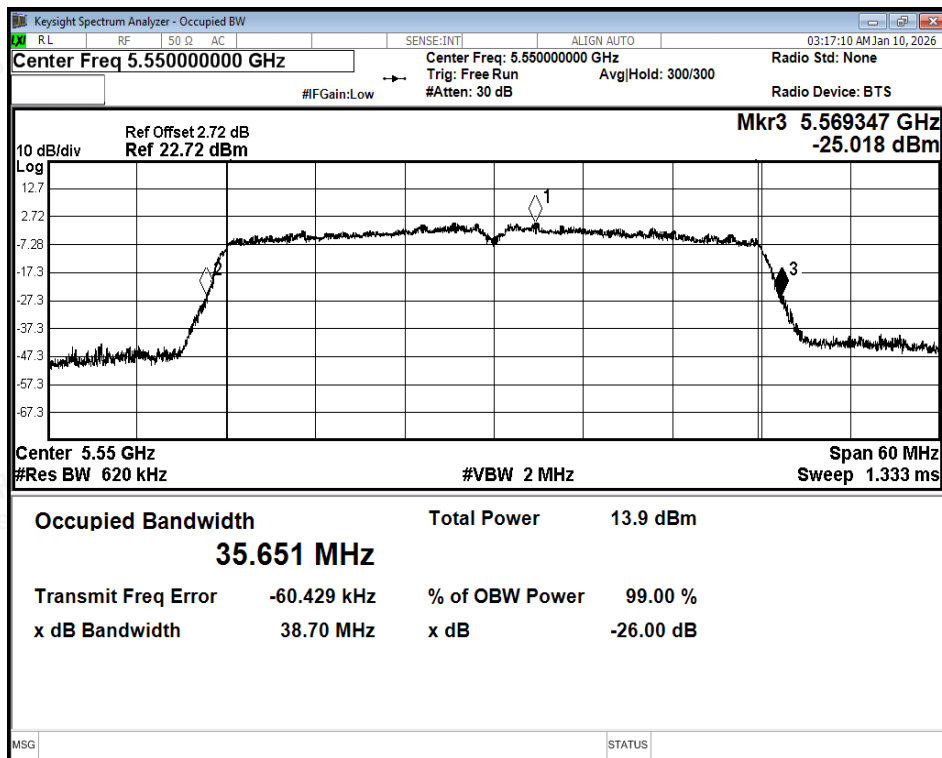


-26dB Bandwidth NVNT n20 5700MHz Ant1





-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5550MHz Ant1

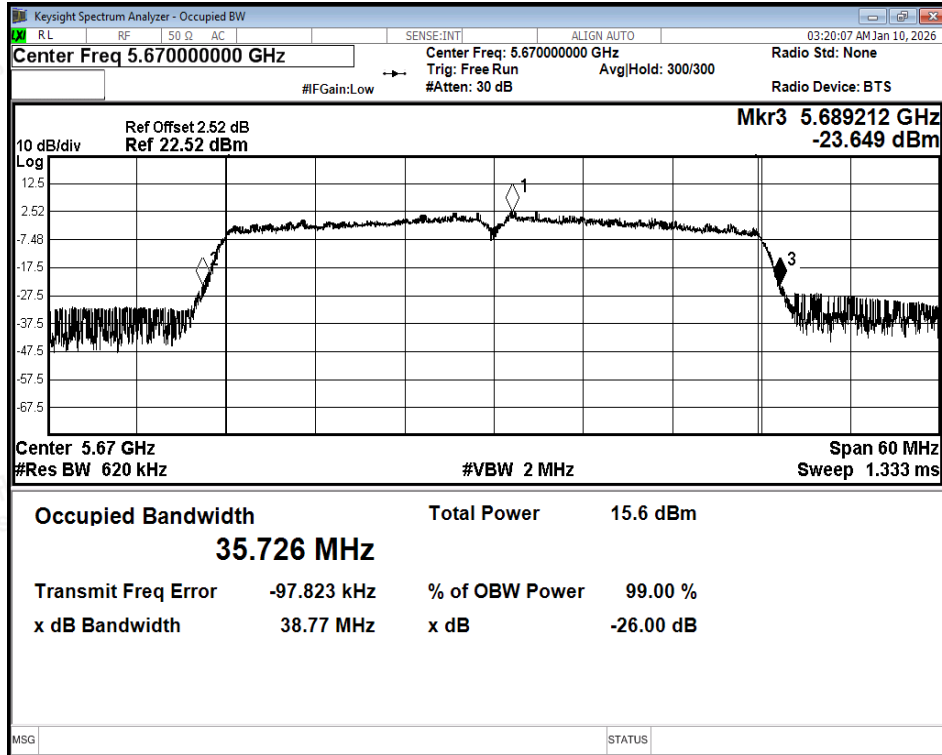


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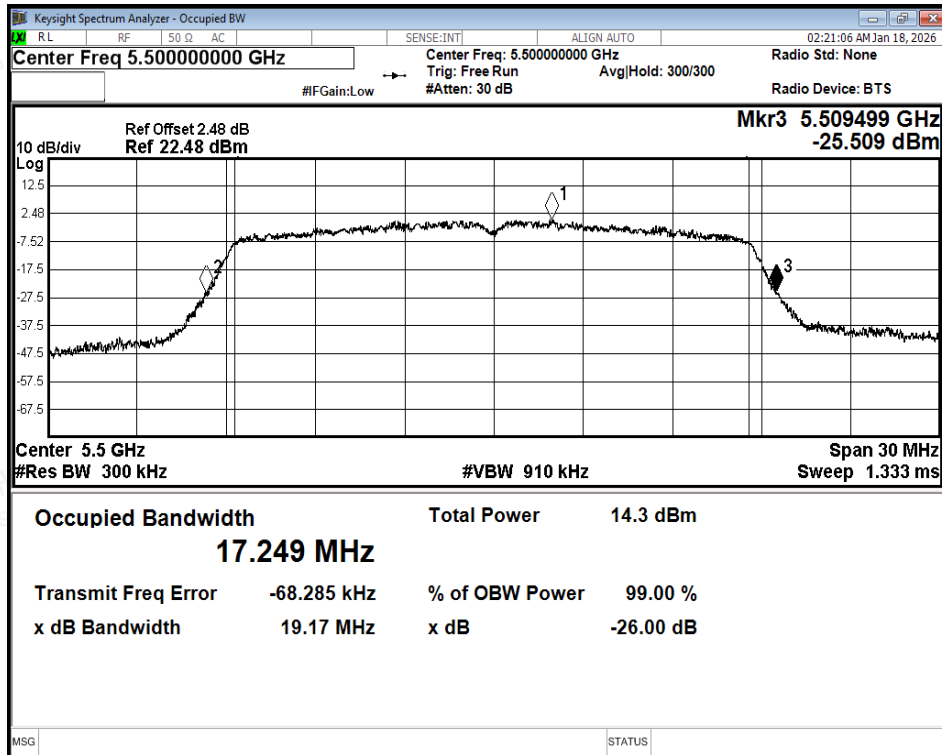
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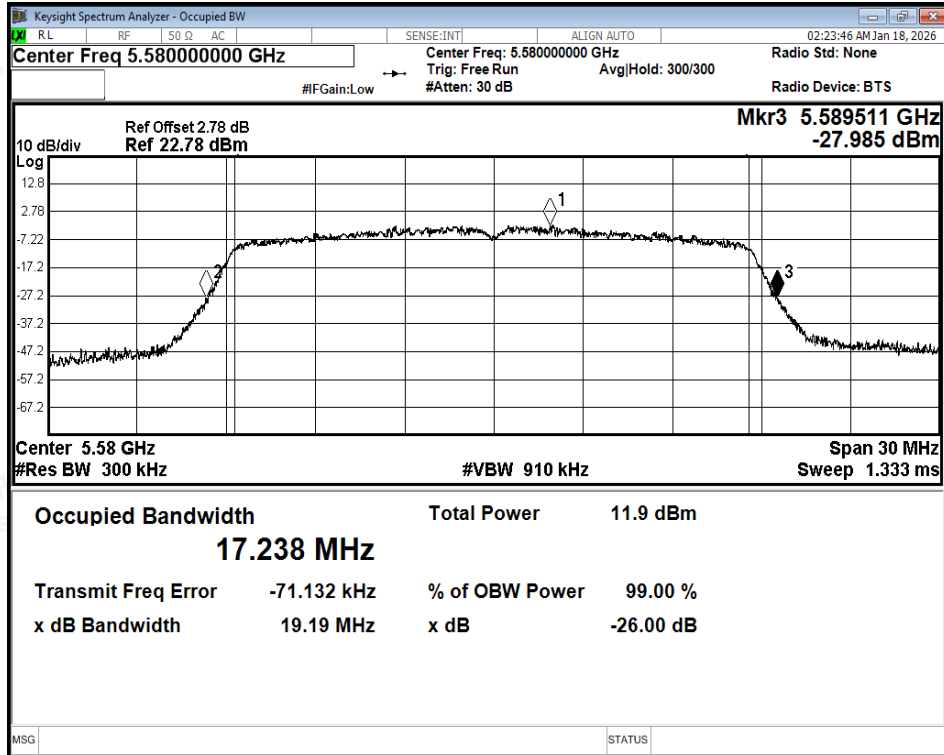


-26dB Bandwidth NVNT n40 5670MHz Ant1

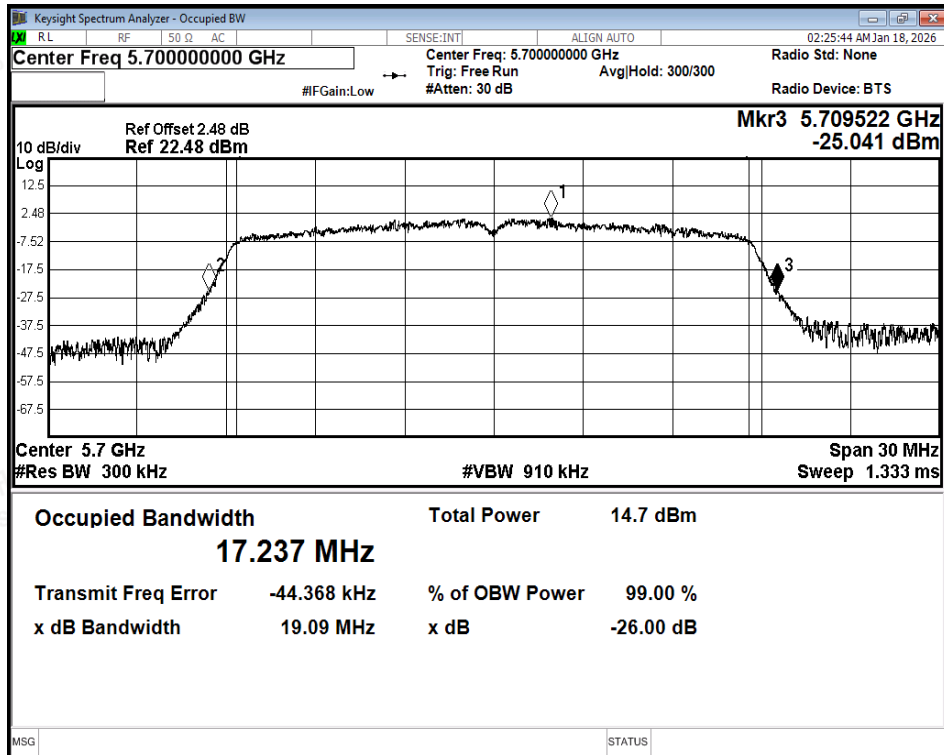


-26dB Bandwidth NVNT ac20 5500MHz Ant1



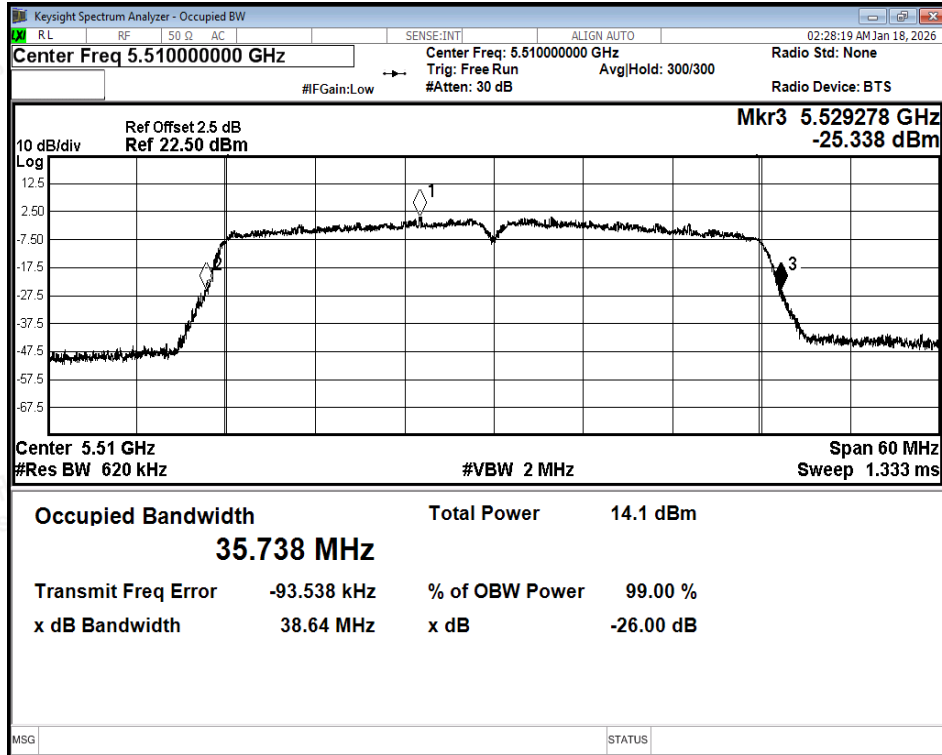


-26dB Bandwidth NVNT ac20 5580MHz Ant1

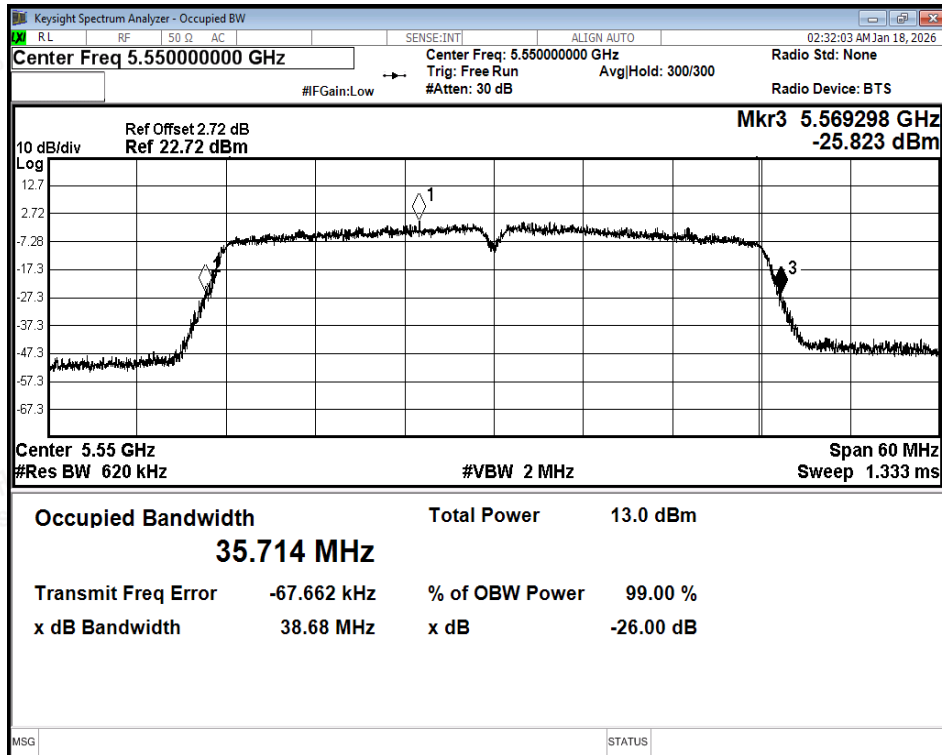


-26dB Bandwidth NVNT ac20 5700MHz Ant1



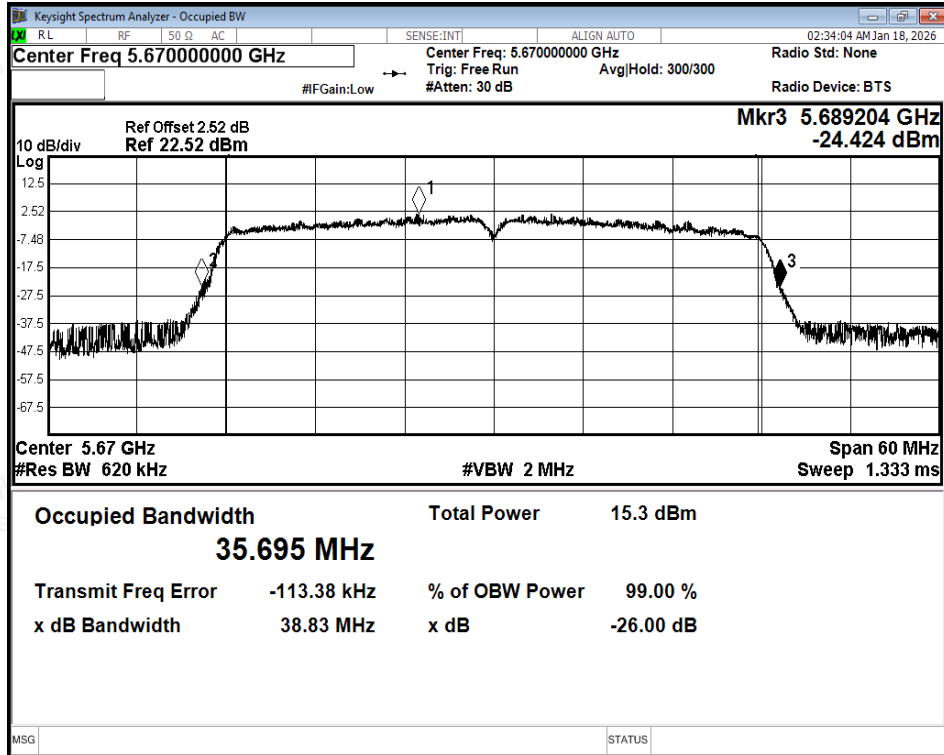


-26dB Bandwidth NVNT ac40 5510MHz Ant1

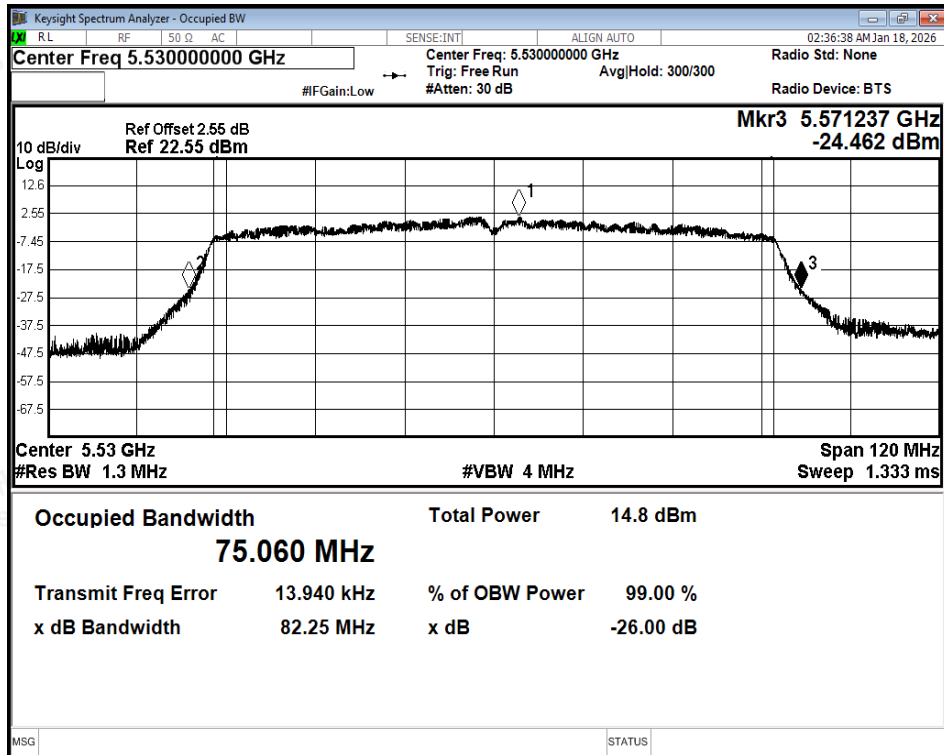


-26dB Bandwidth NVNT ac40 5550MHz Ant1



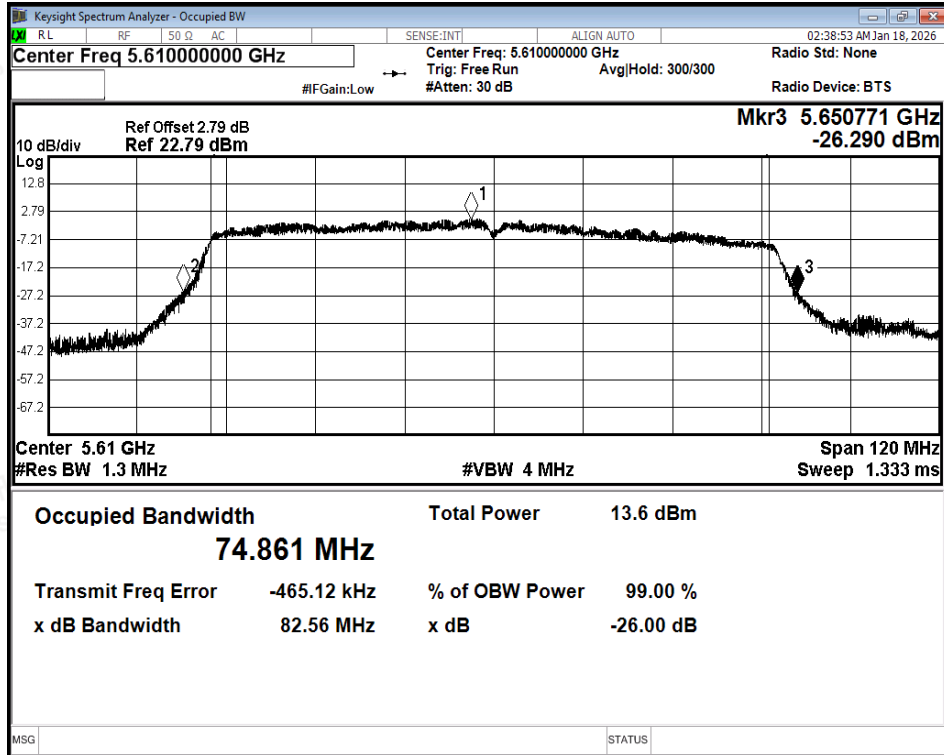


-26dB Bandwidth NVNT ac40 5670MHz Ant1

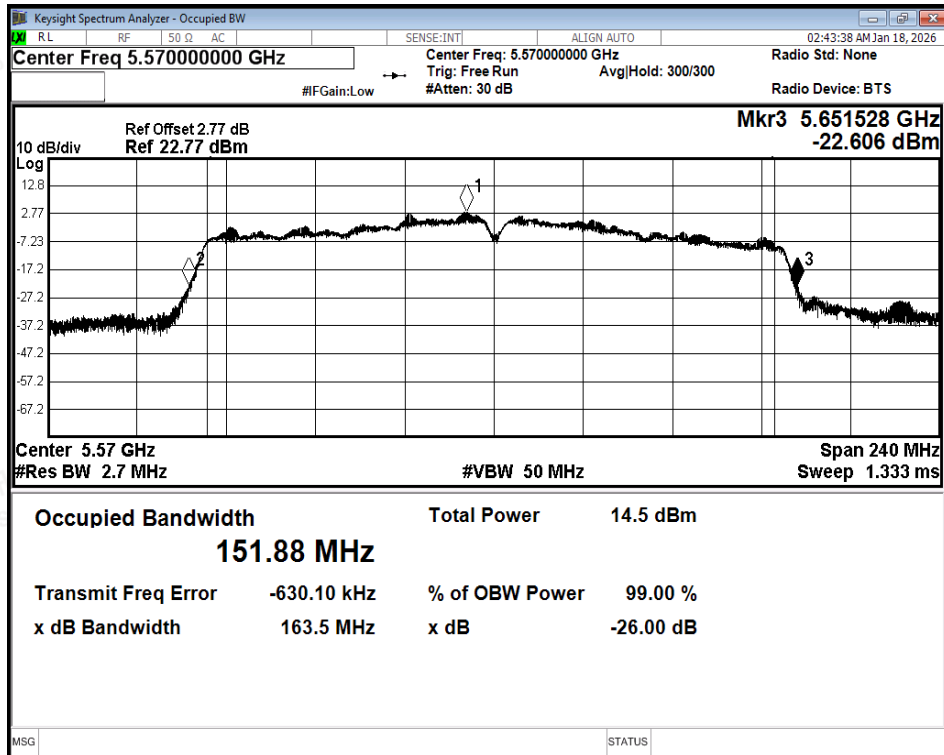


-26dB Bandwidth NVNT ac80 5530MHz Ant1



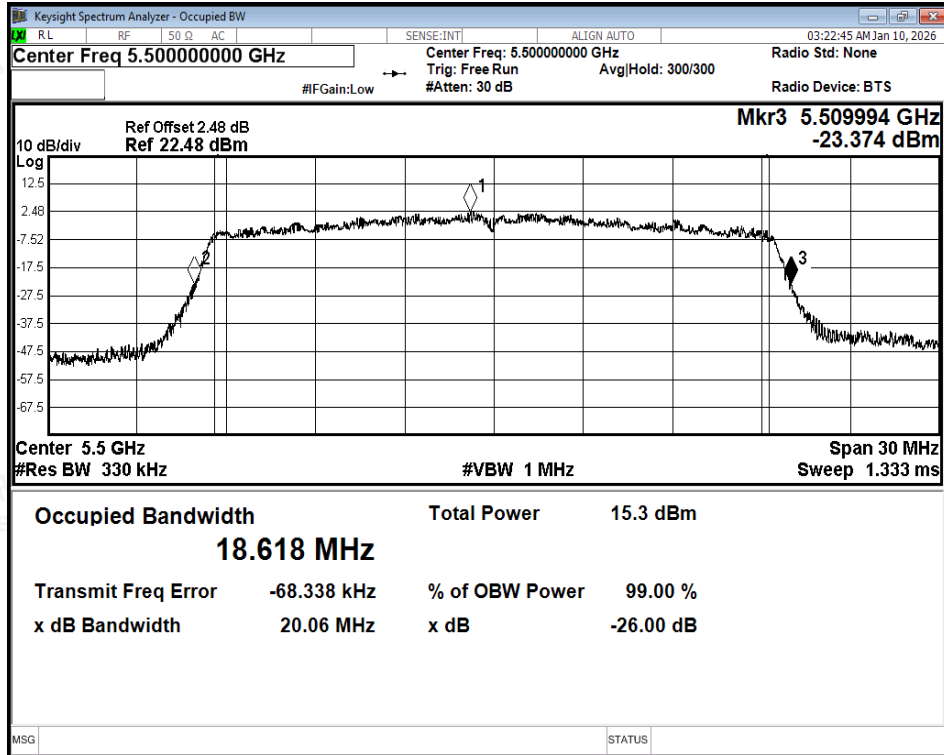


-26dB Bandwidth NVNT ac80 5610MHz Ant1

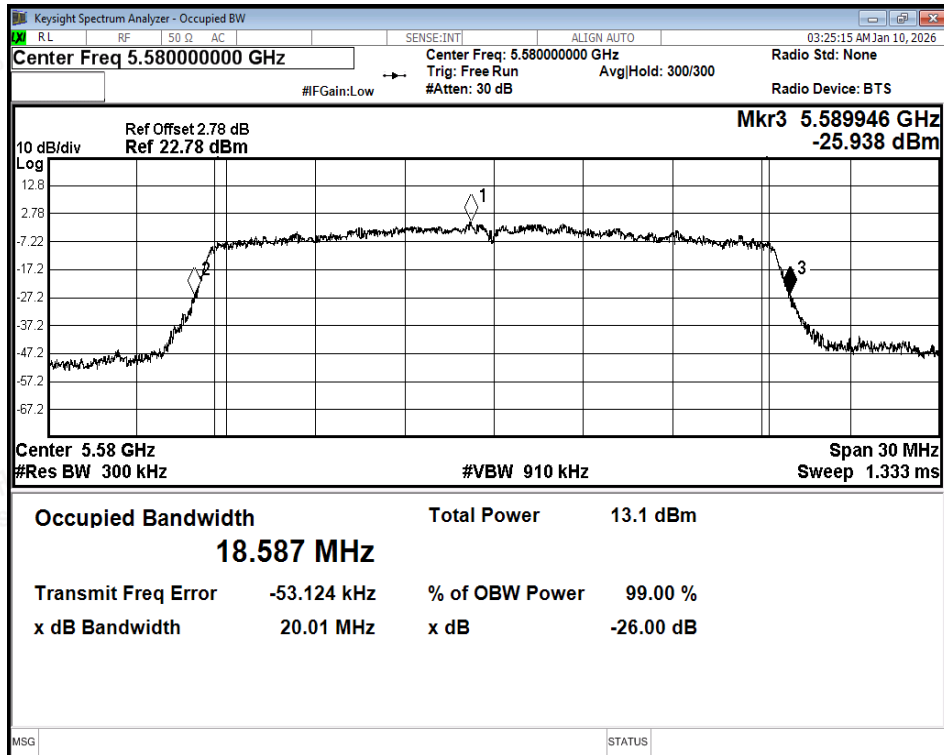


-26dB Bandwidth NVNT ac160 5570MHz Ant1



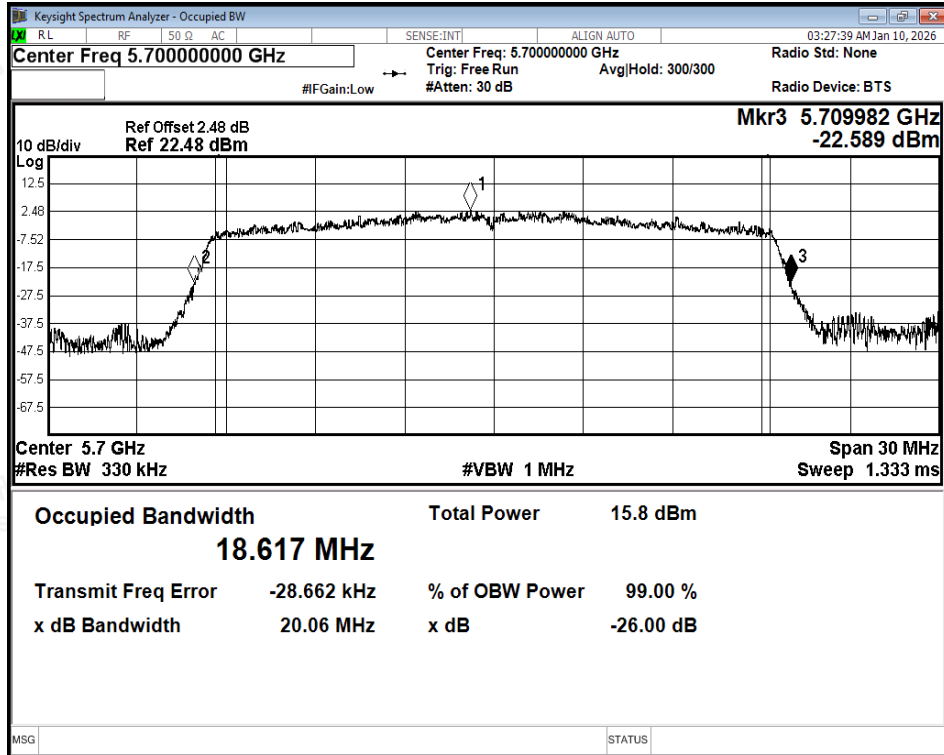


-26dB Bandwidth NVNT ax20 5500MHz Ant1

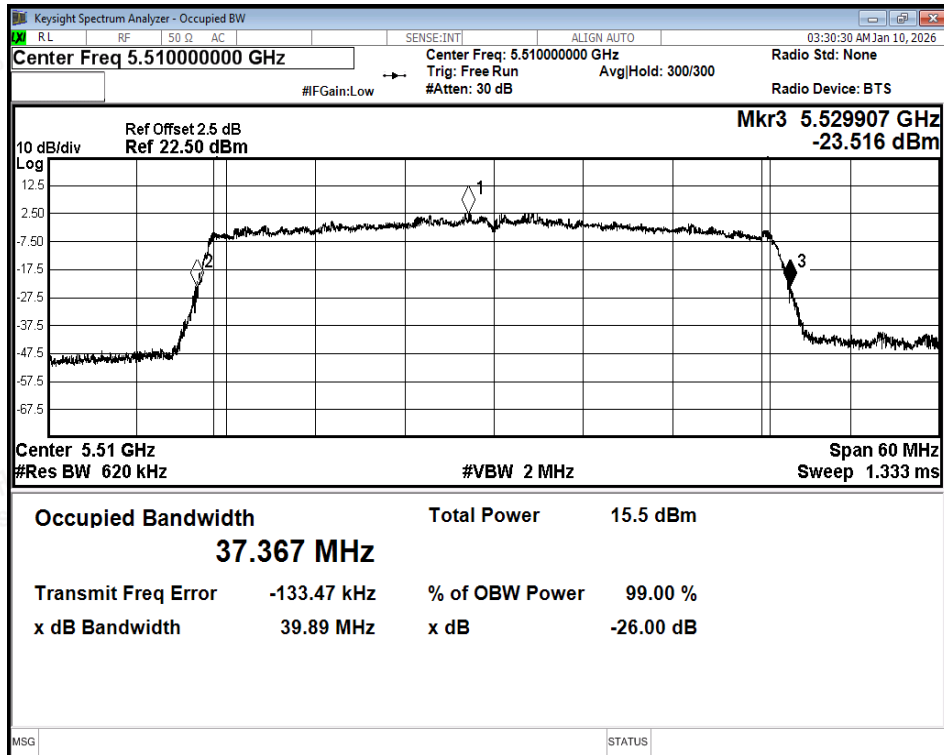


-26dB Bandwidth NVNT ax20 5580MHz Ant1



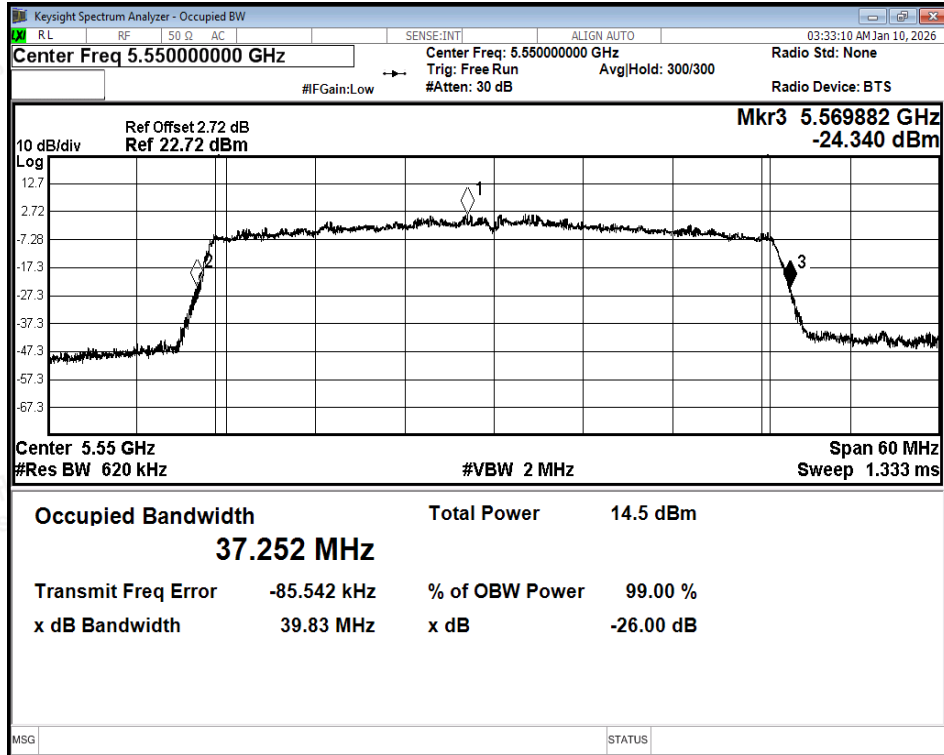


-26dB Bandwidth NVNT ax20 5700MHz Ant1

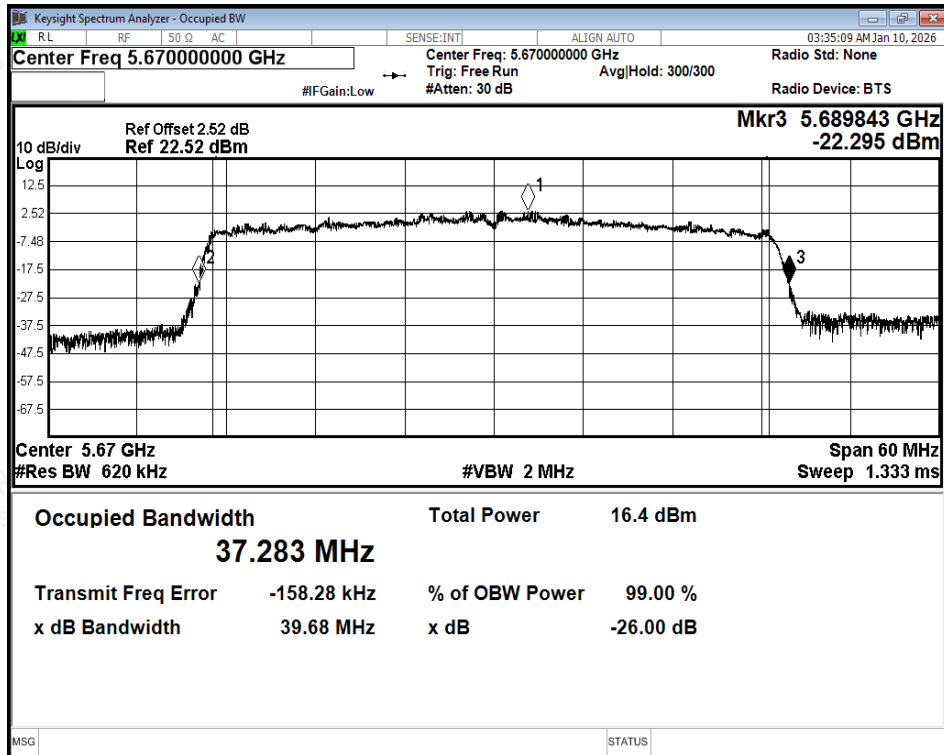


-26dB Bandwidth NVNT ax40 5510MHz Ant1



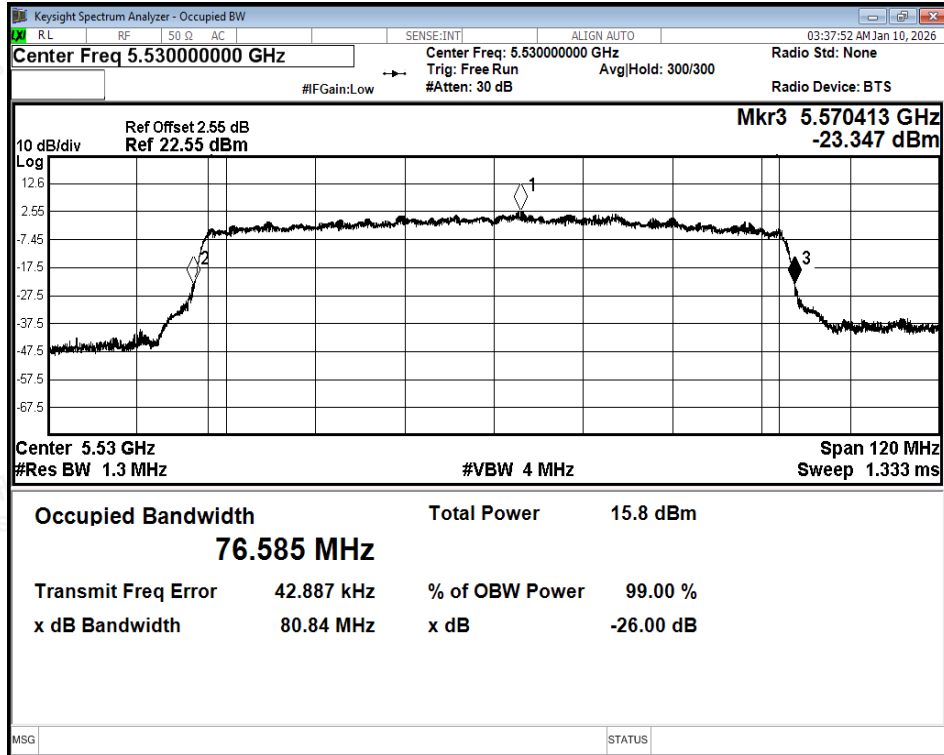


-26dB Bandwidth NVNT ax40 5550MHz Ant1

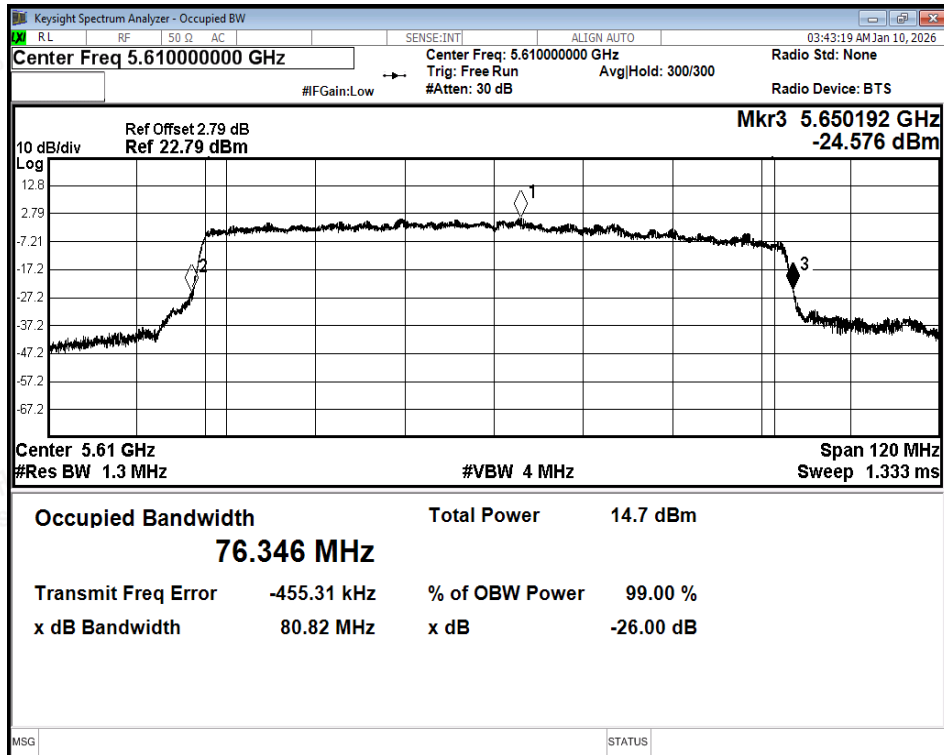


-26dB Bandwidth NVNT ax40 5670MHz Ant1



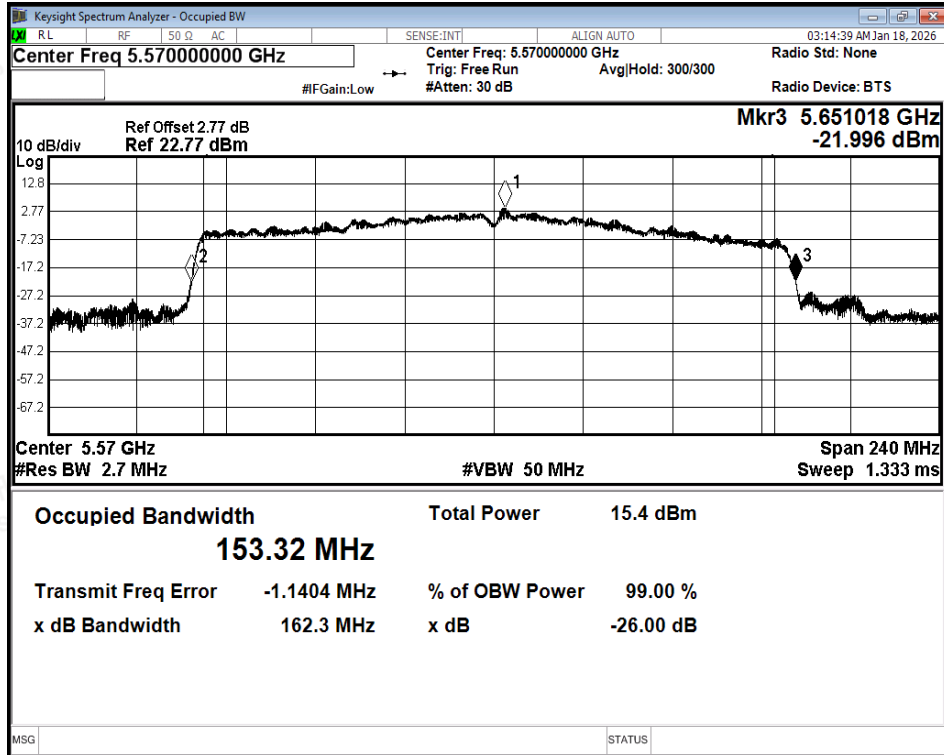


-26dB Bandwidth NVNT ax80 5530MHz Ant1



-26dB Bandwidth NVNT ax80 5610MHz Ant1





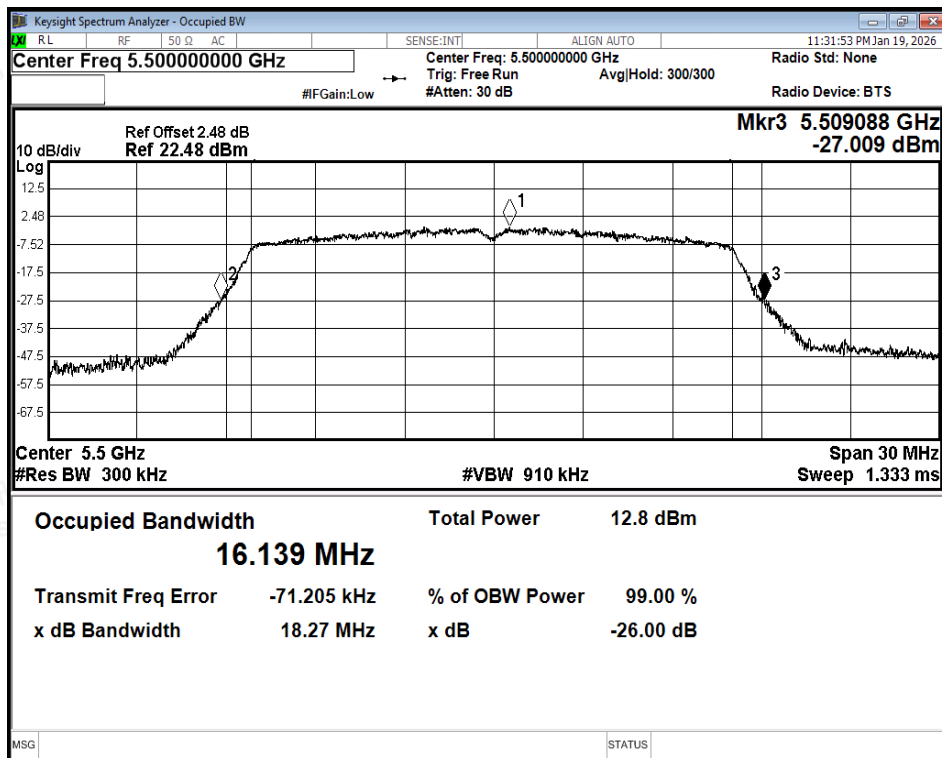
-26dB Bandwidth NVNT ax160 5570MHz Ant1



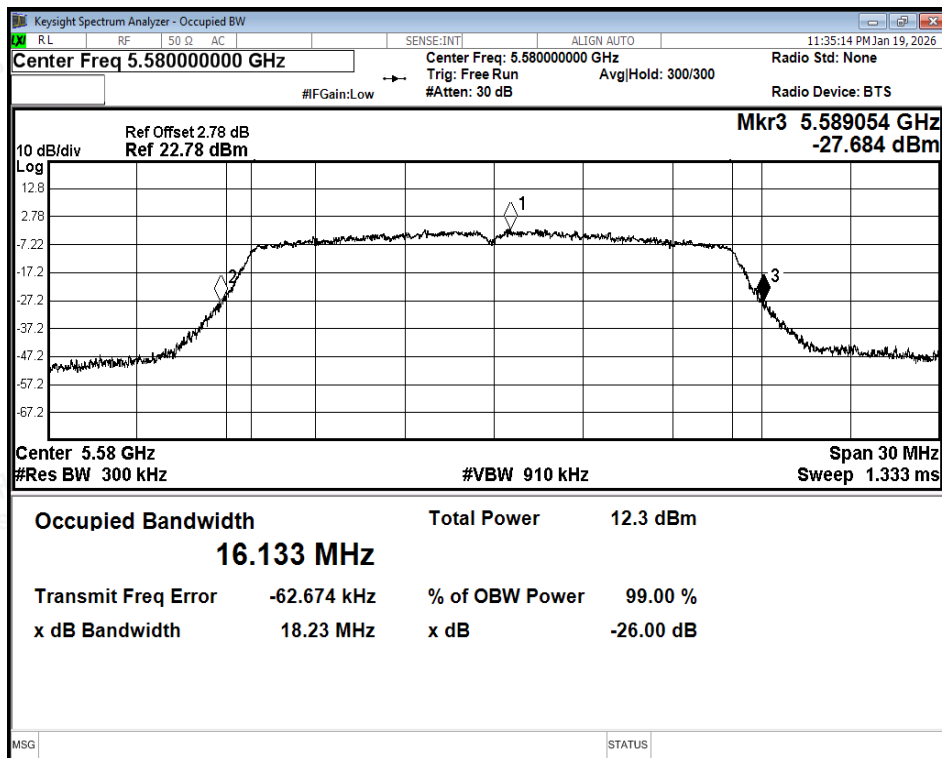


Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant2	18.27
NVNT	a	5580	Ant2	18.23
NVNT	a	5700	Ant2	18.36
NVNT	n20	5500	Ant2	19.06
NVNT	n20	5580	Ant2	19.11
NVNT	n20	5700	Ant2	19.05
NVNT	n40	5510	Ant2	38.63
NVNT	n40	5550	Ant2	38.52
NVNT	n40	5670	Ant2	38.74
NVNT	ac20	5500	Ant2	19.15
NVNT	ac20	5580	Ant2	19.17
NVNT	ac20	5700	Ant2	19.2
NVNT	ac40	5510	Ant2	38.66
NVNT	ac40	5550	Ant2	38.79
NVNT	ac40	5670	Ant2	39.84
NVNT	ac80	5530	Ant2	82.25
NVNT	ac80	5610	Ant2	82.34
NVNT	ac160	5570	Ant2	163.7
NVNT	ax20	5500	Ant2	20.01
NVNT	ax20	5580	Ant2	19.99
NVNT	ax20	5700	Ant2	20.02
NVNT	ax40	5510	Ant2	38.71
NVNT	ax40	5550	Ant2	38.79
NVNT	ax40	5670	Ant2	39.87
NVNT	ax80	5530	Ant2	82.17
NVNT	ax80	5610	Ant2	82.23
NVNT	ax160	5570	Ant2	162.8





-26dB Bandwidth NVNT a 5500MHz Ant2



-26dB Bandwidth NVNT a 5580MHz Ant2

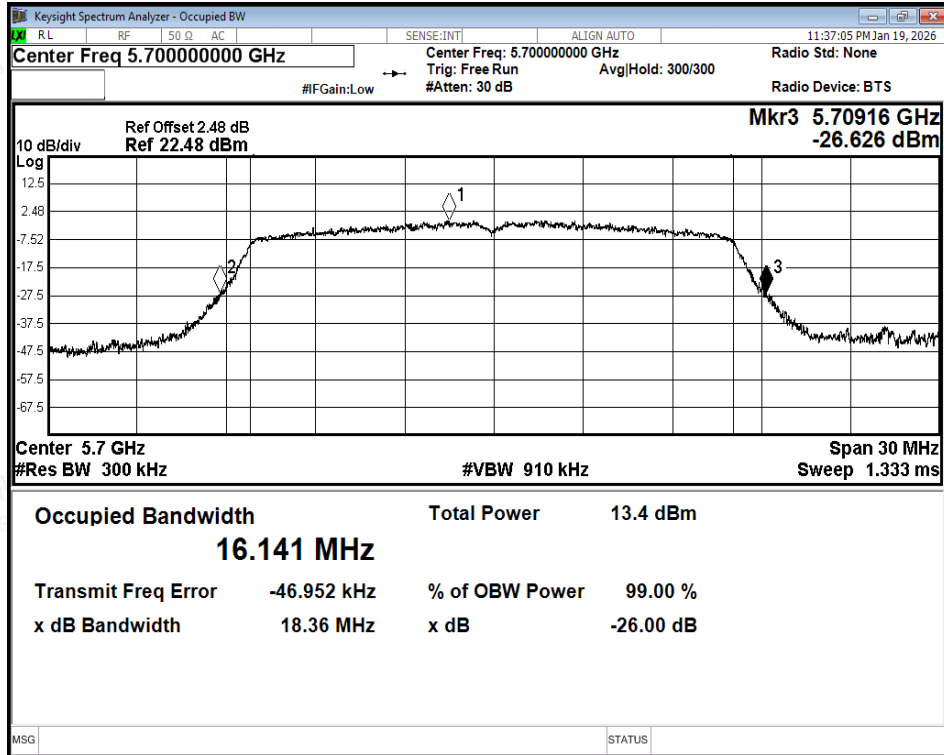


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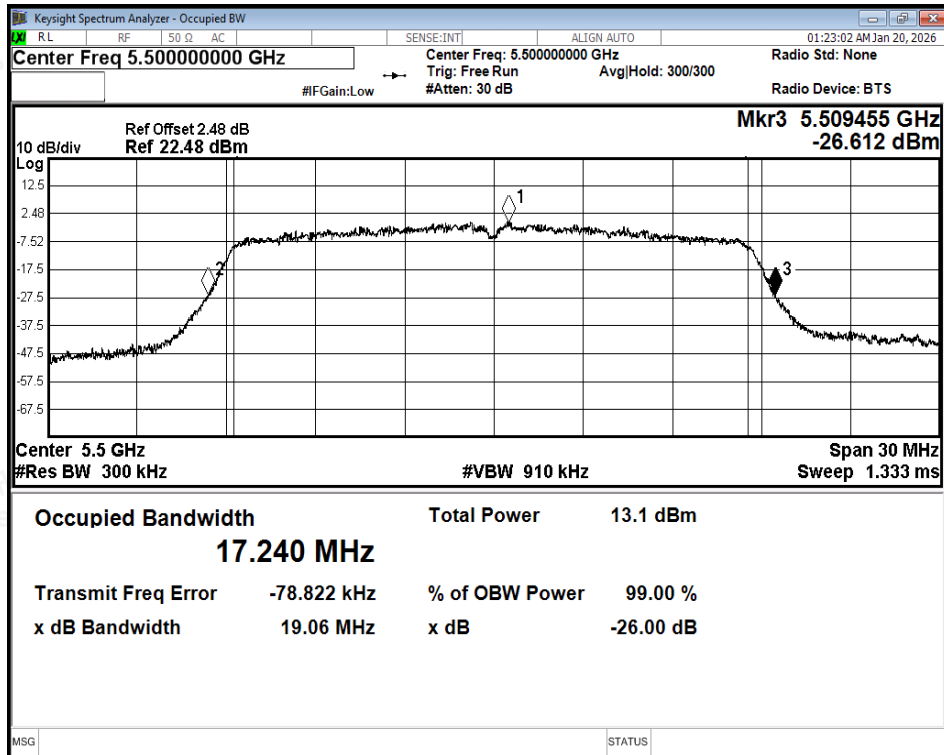
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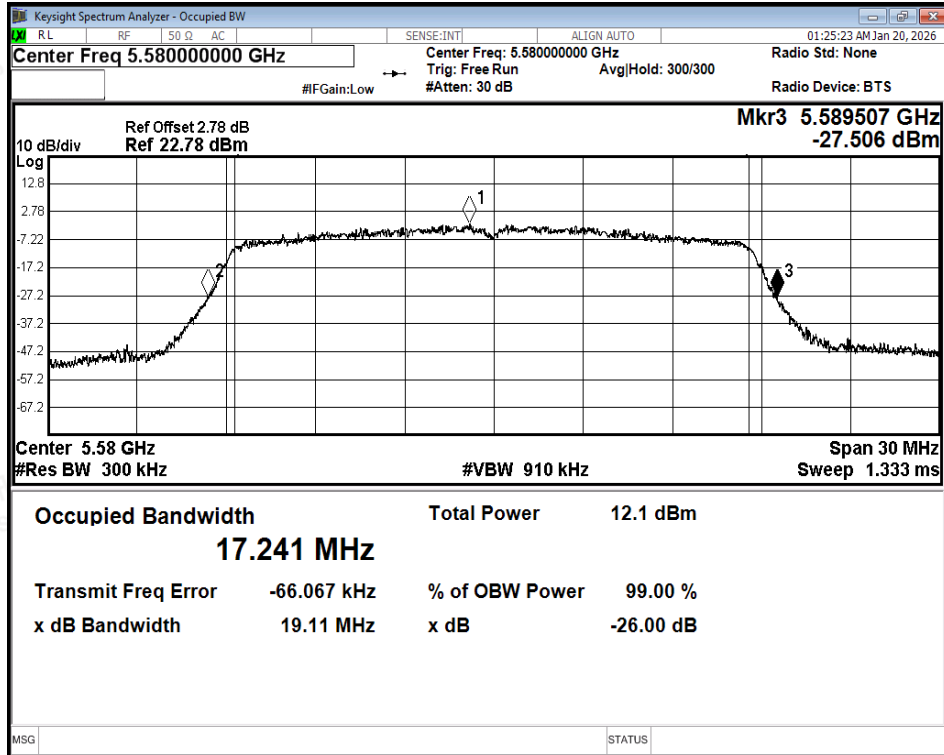


-26dB Bandwidth NVNT a 5700MHz Ant2

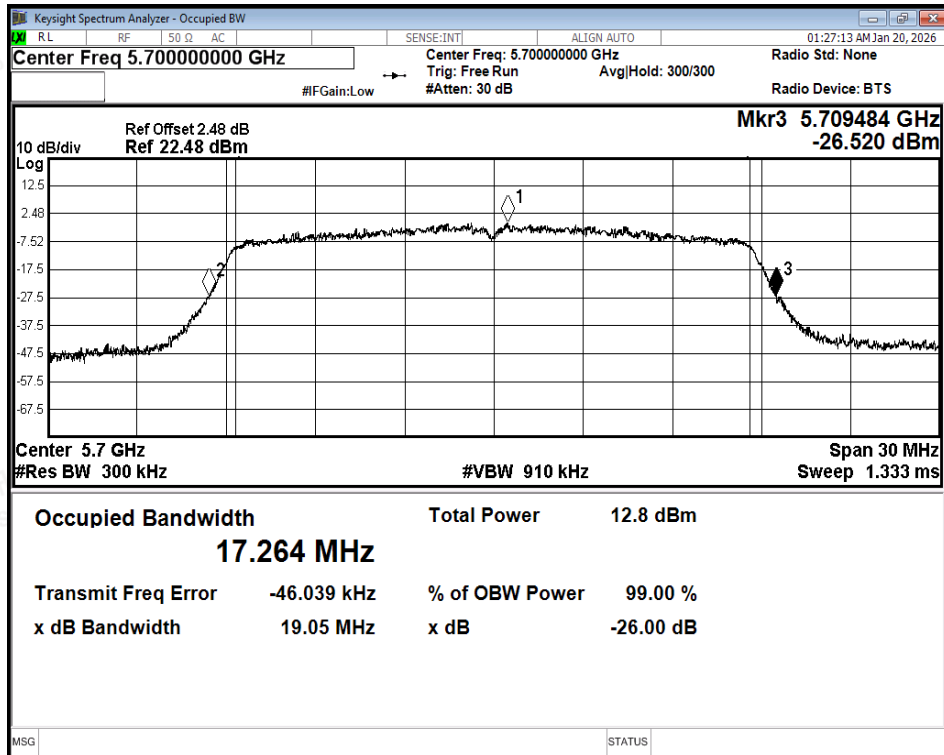


-26dB Bandwidth NVNT n20 5500MHz Ant2



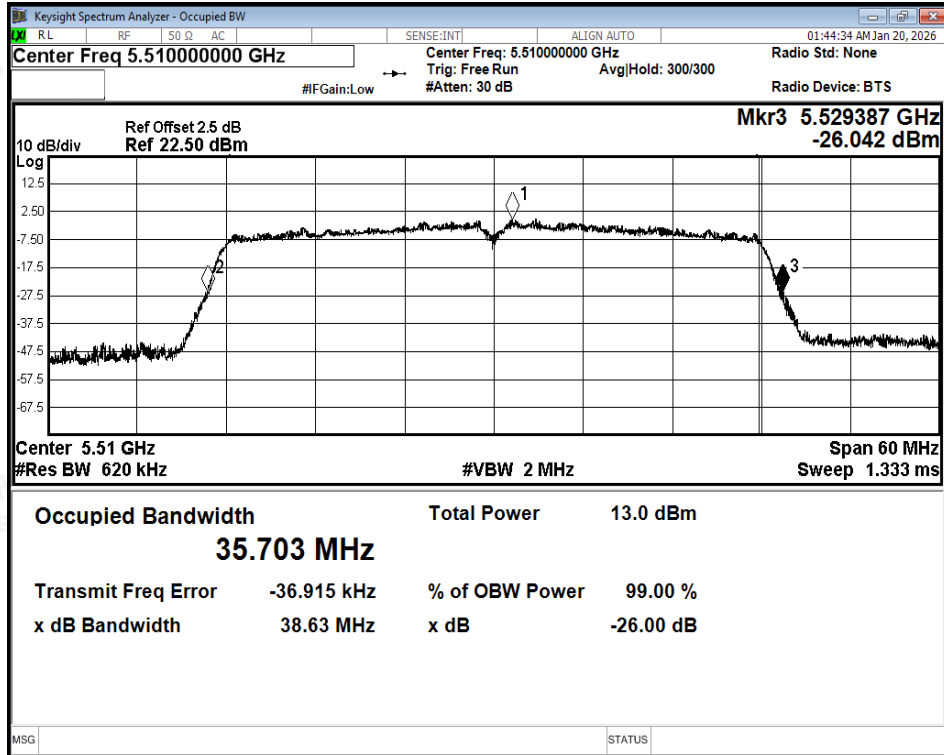


-26dB Bandwidth NVNT n20 5580MHz Ant2

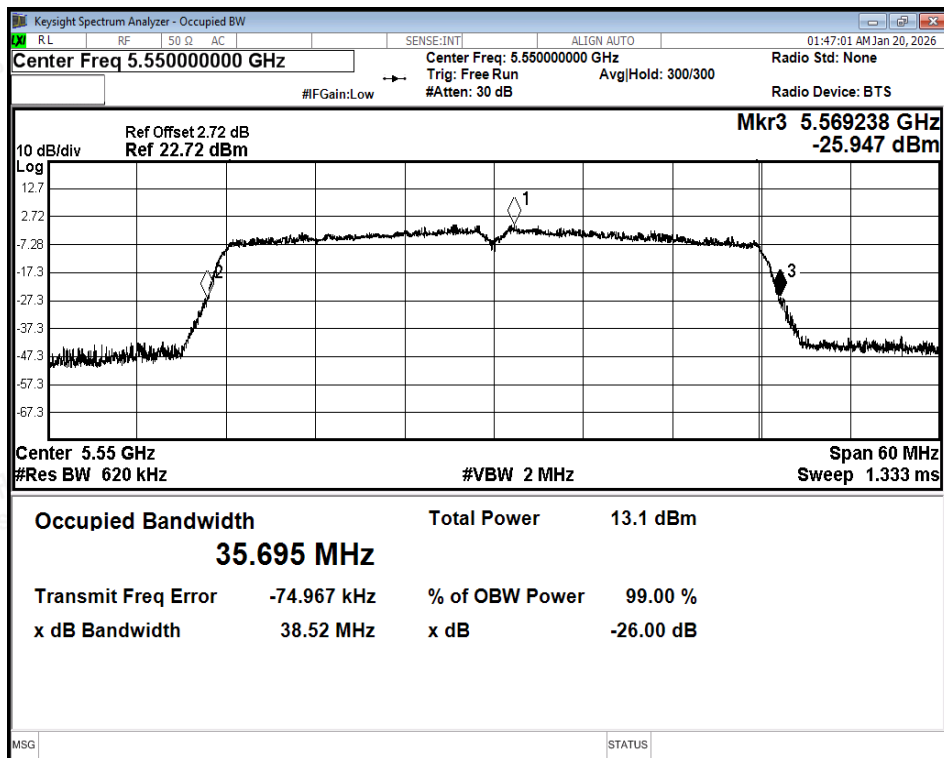


-26dB Bandwidth NVNT n20 5700MHz Ant2



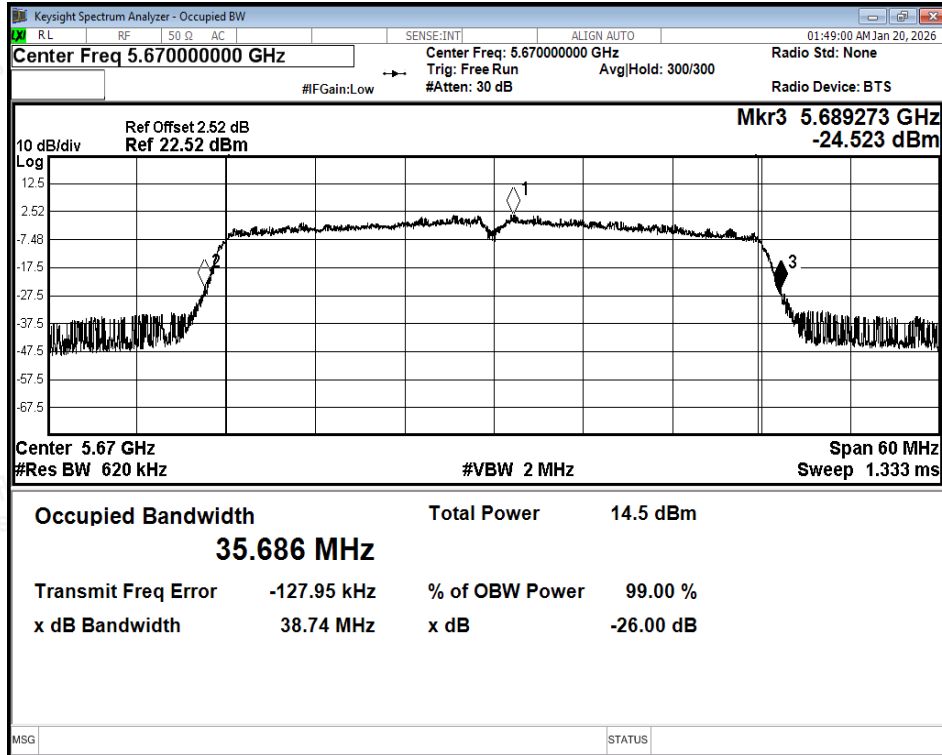


-26dB Bandwidth NVNT n40 5510MHz Ant2

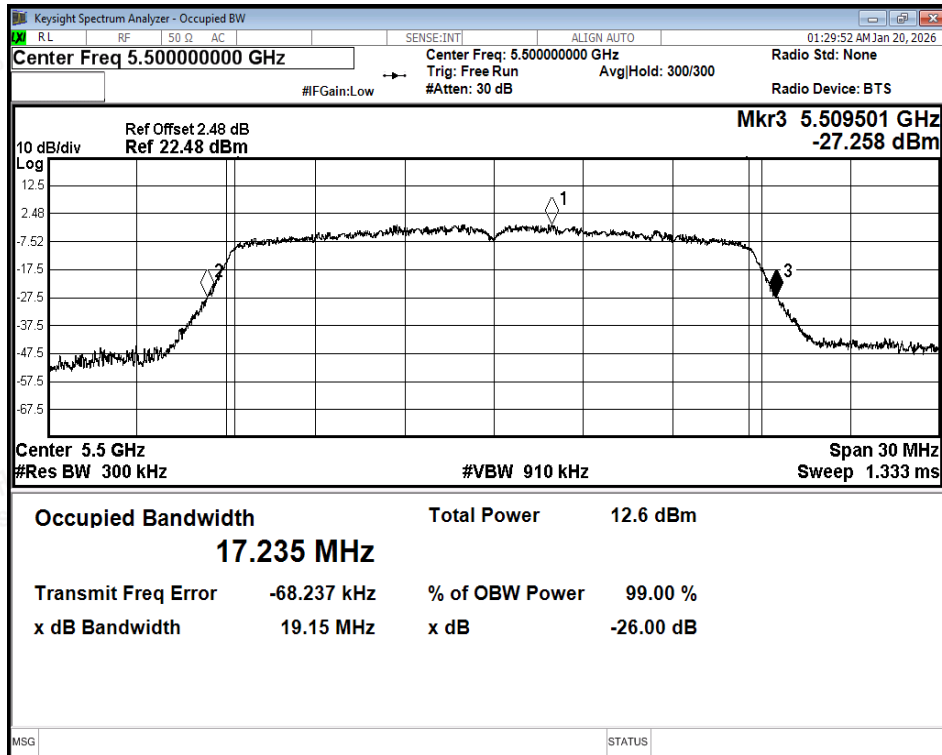


-26dB Bandwidth NVNT n40 5550MHz Ant2



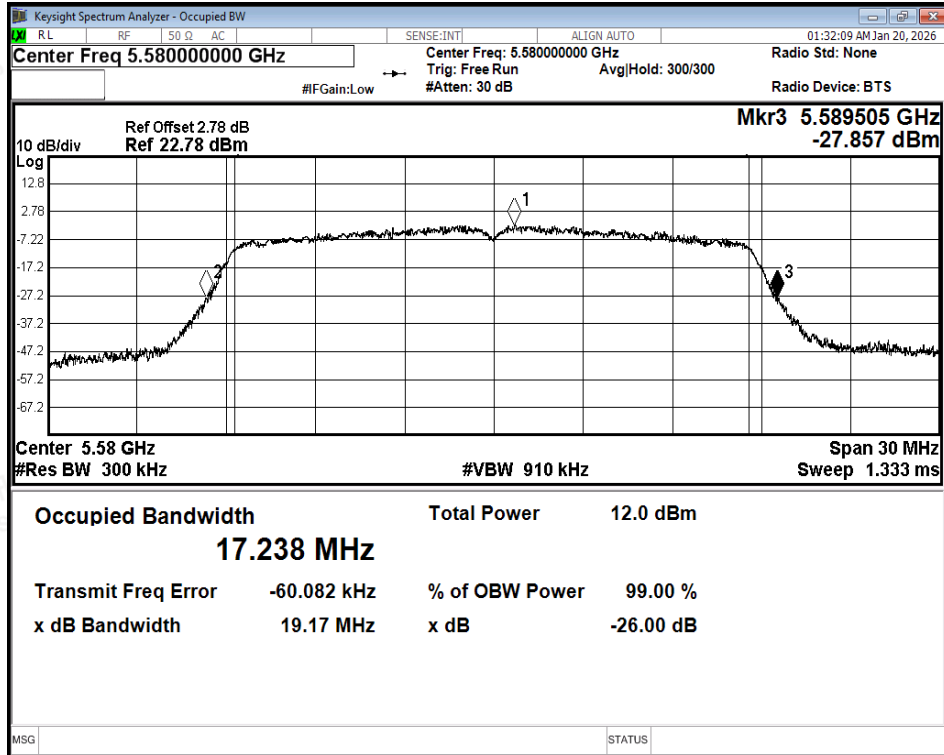


-26dB Bandwidth NVNT n40 5670MHz Ant2

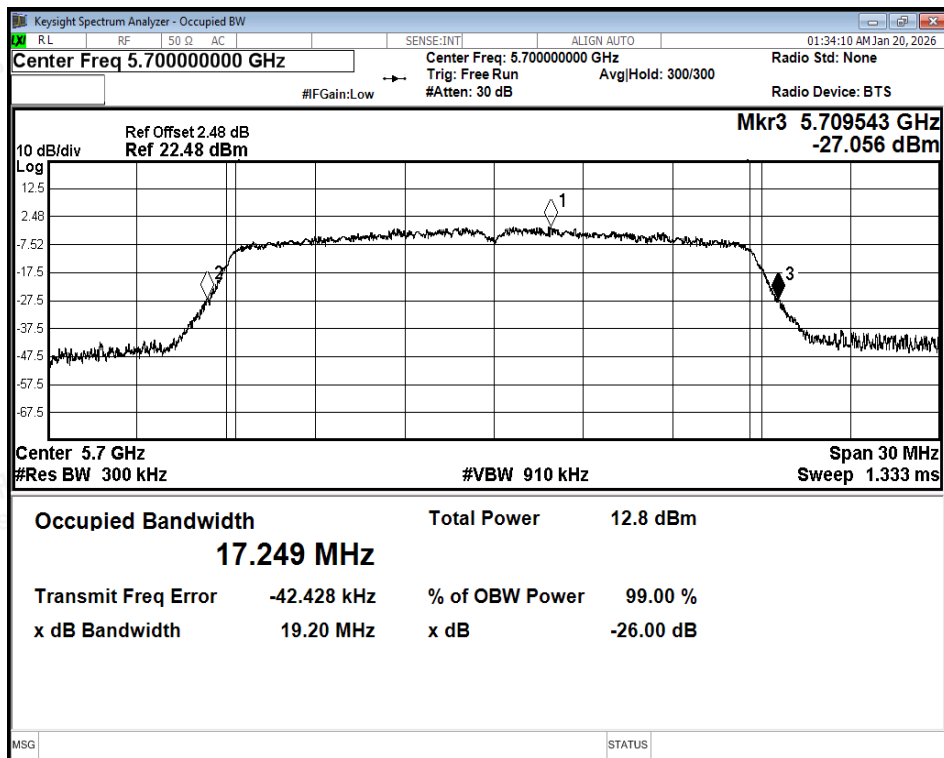


-26dB Bandwidth NVNT ac20 5500MHz Ant2



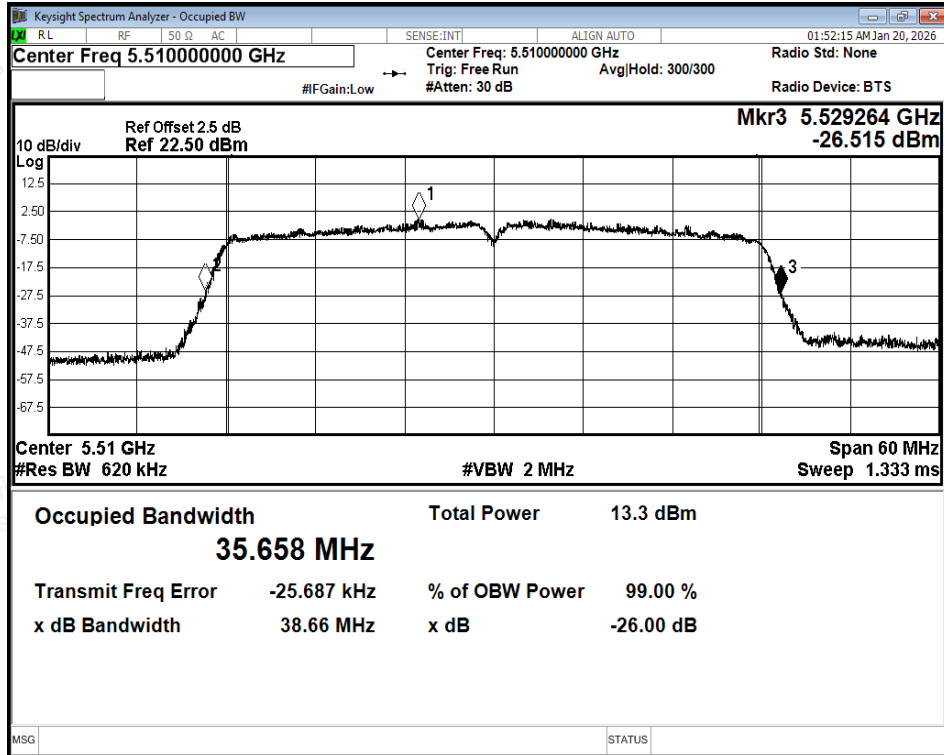


-26dB Bandwidth NVNT ac20 5580MHz Ant2

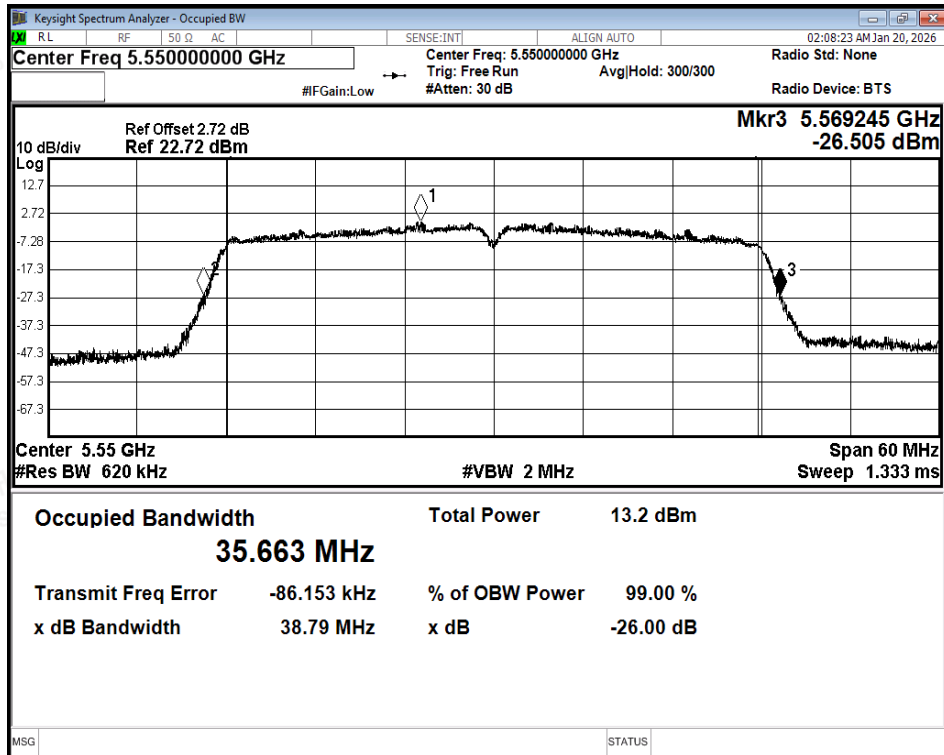


-26dB Bandwidth NVNT ac20 5700MHz Ant2



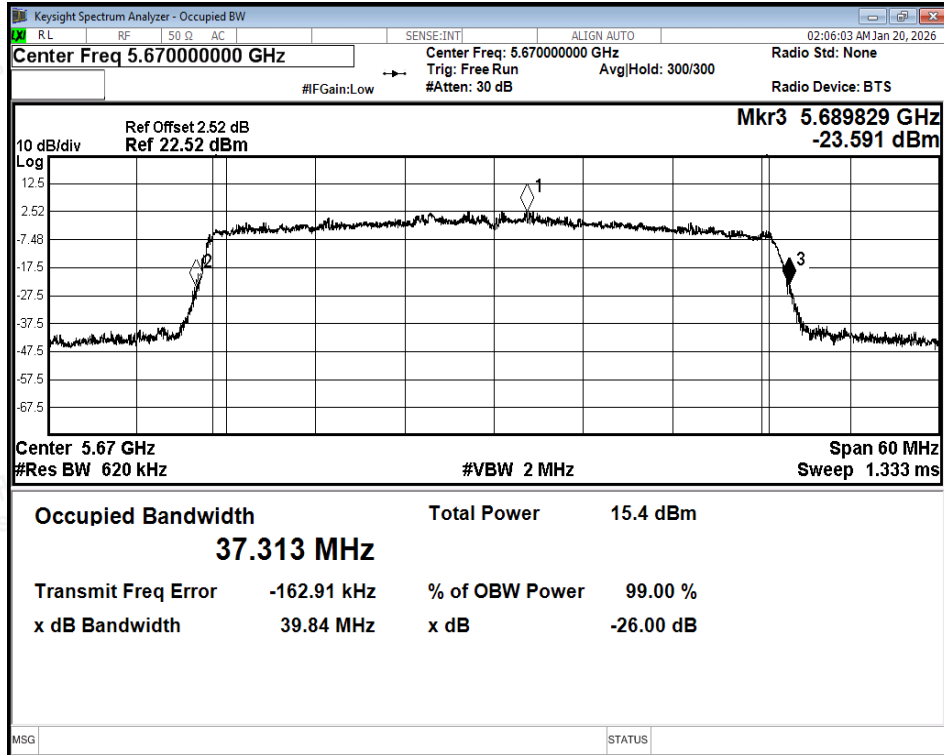


-26dB Bandwidth NVNT ac40 5510MHz Ant2

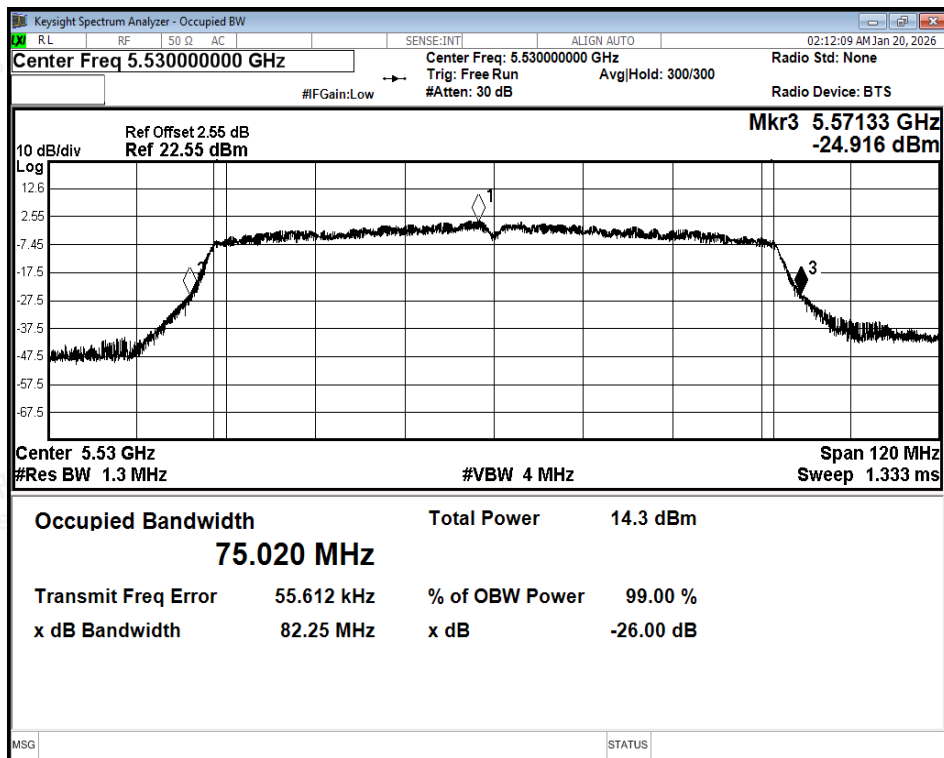


-26dB Bandwidth NVNT ac40 5550MHz Ant2



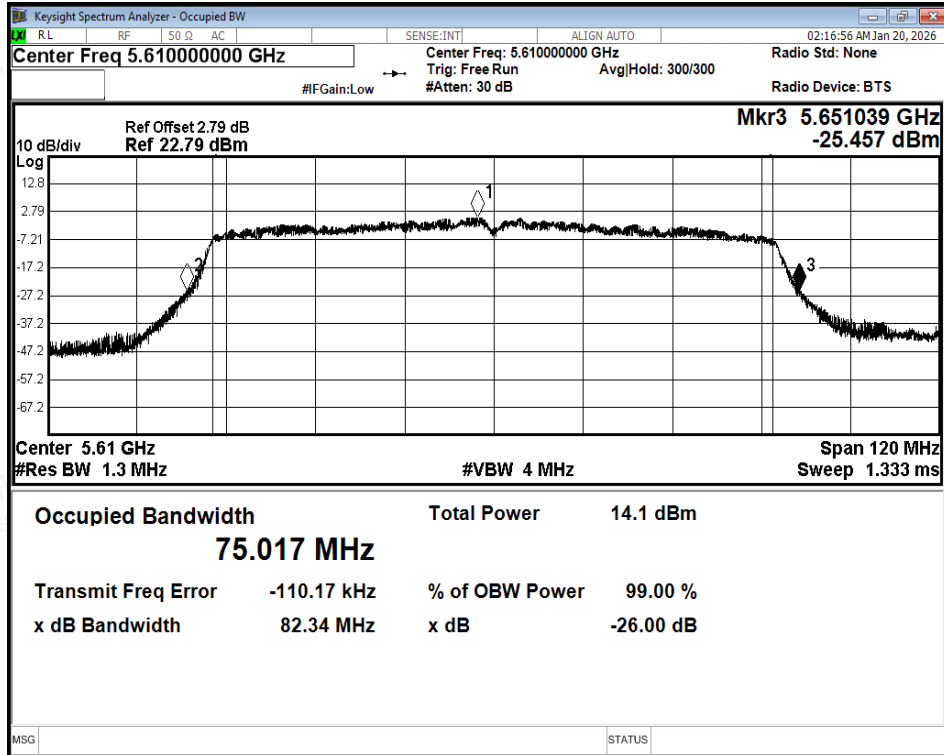


-26dB Bandwidth NVNT ac40 5670MHz Ant2

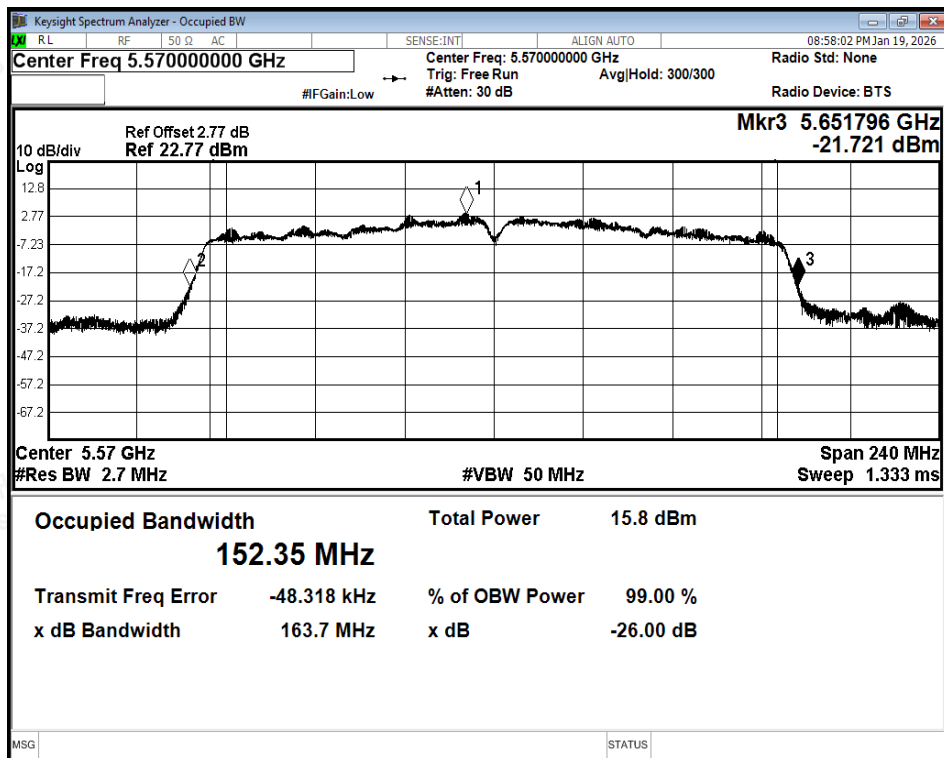


-26dB Bandwidth NVNT ac80 5530MHz Ant2



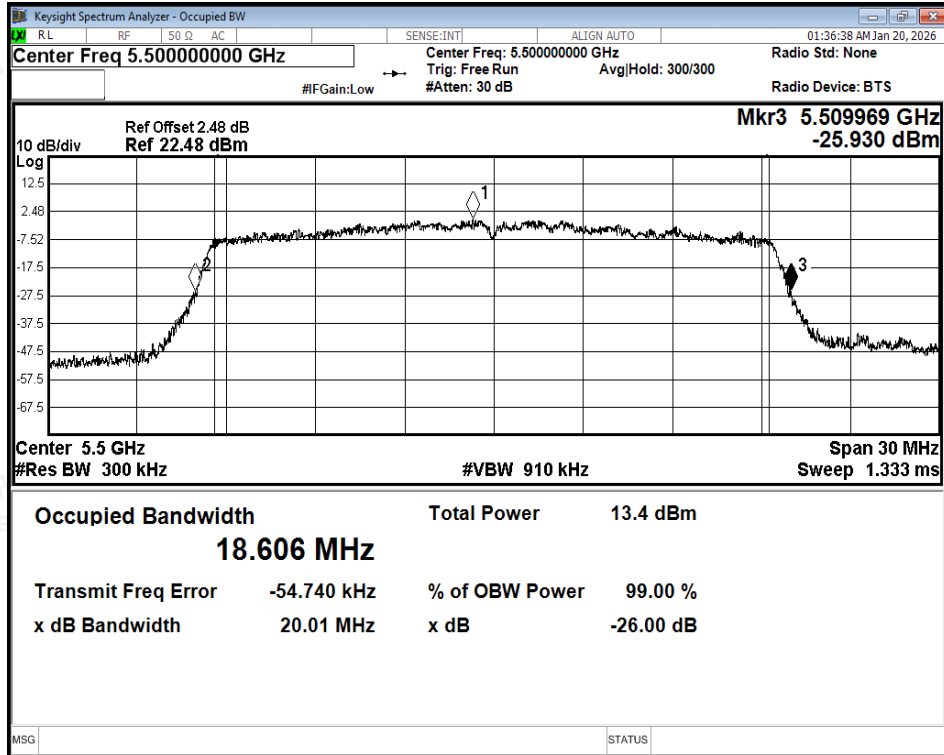


-26dB Bandwidth NVNT ac80 5610MHz Ant2

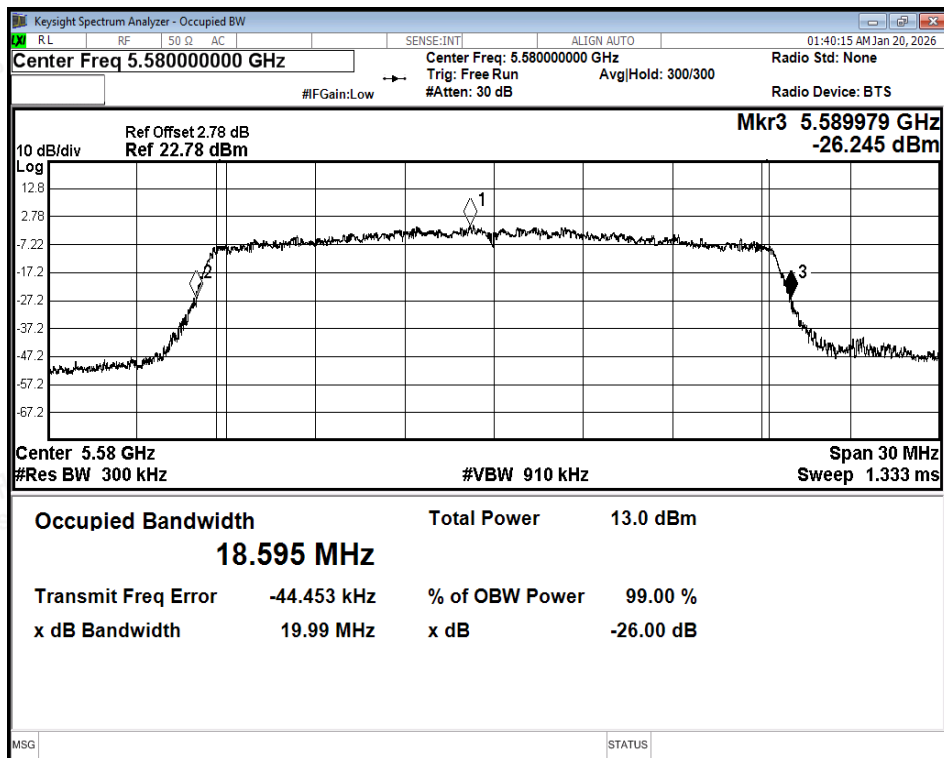


-26dB Bandwidth NVNT ac160 5570MHz Ant2



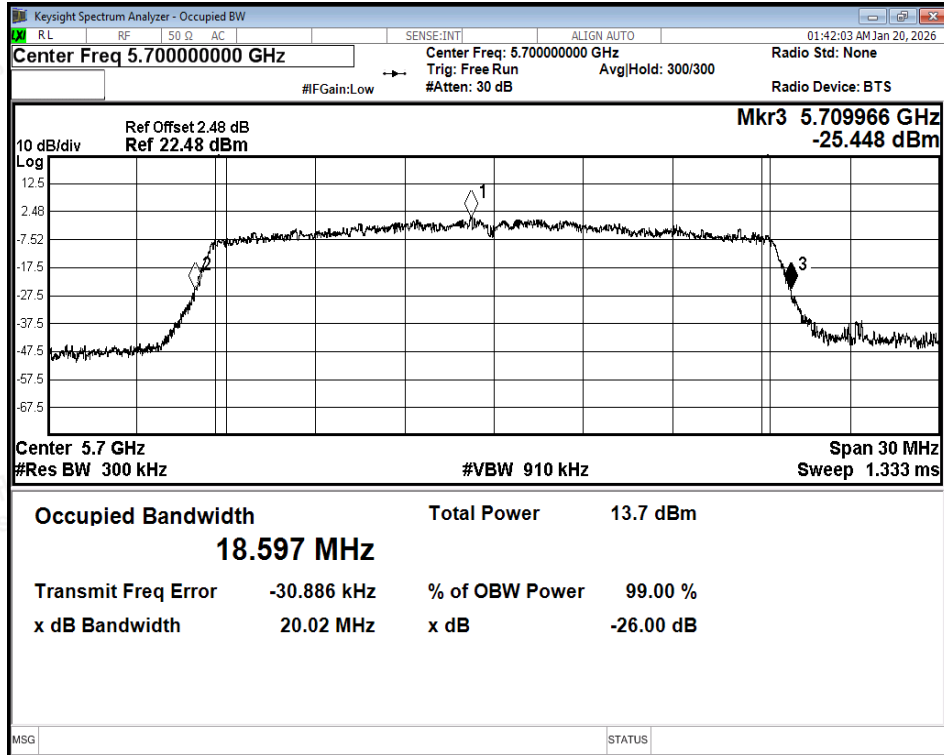


-26dB Bandwidth NVNT ax20 5500MHz Ant2

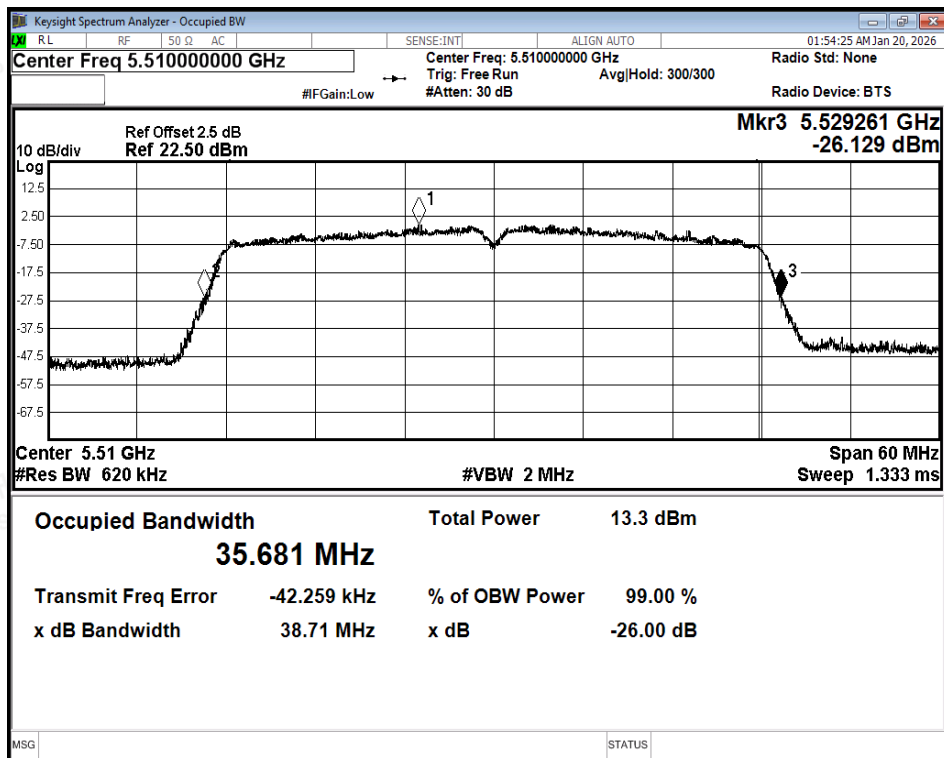


-26dB Bandwidth NVNT ax20 5580MHz Ant2



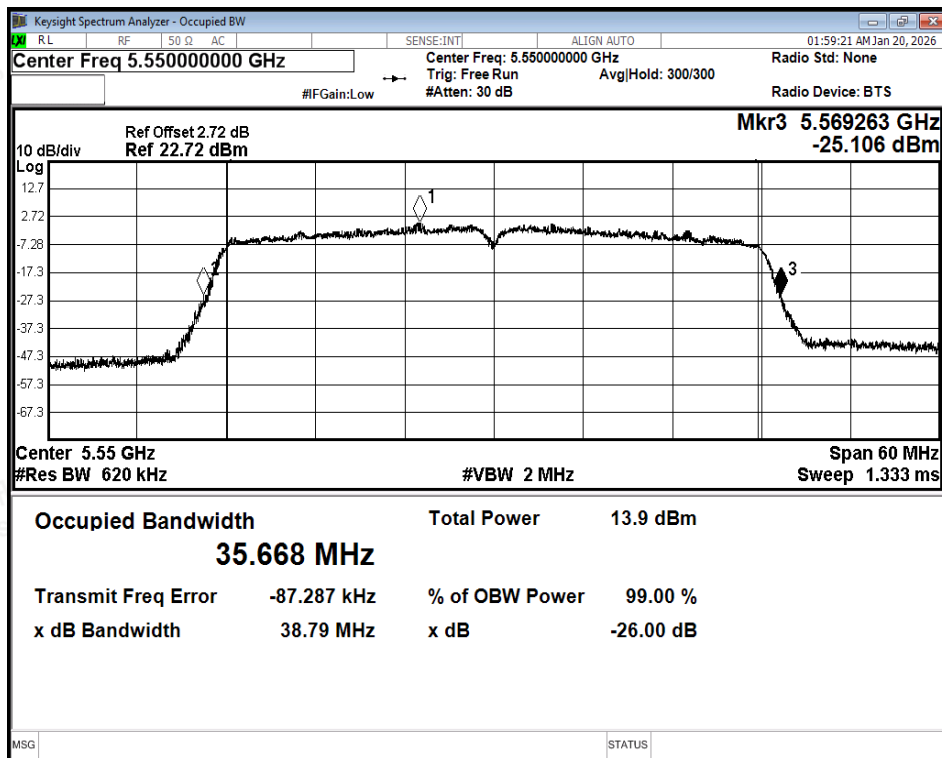


-26dB Bandwidth NVNT ax20 5700MHz Ant2

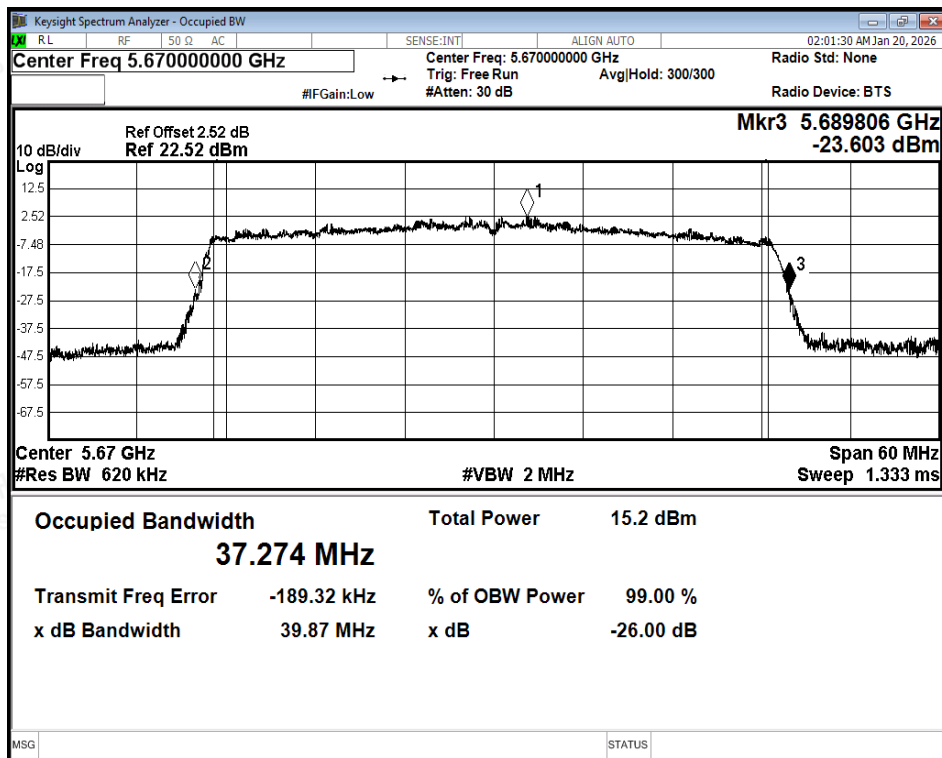


-26dB Bandwidth NVNT ax40 5510MHz Ant2





-26dB Bandwidth NVNT ax40 5550MHz Ant2



-26dB Bandwidth NVNT ax40 5670MHz Ant2

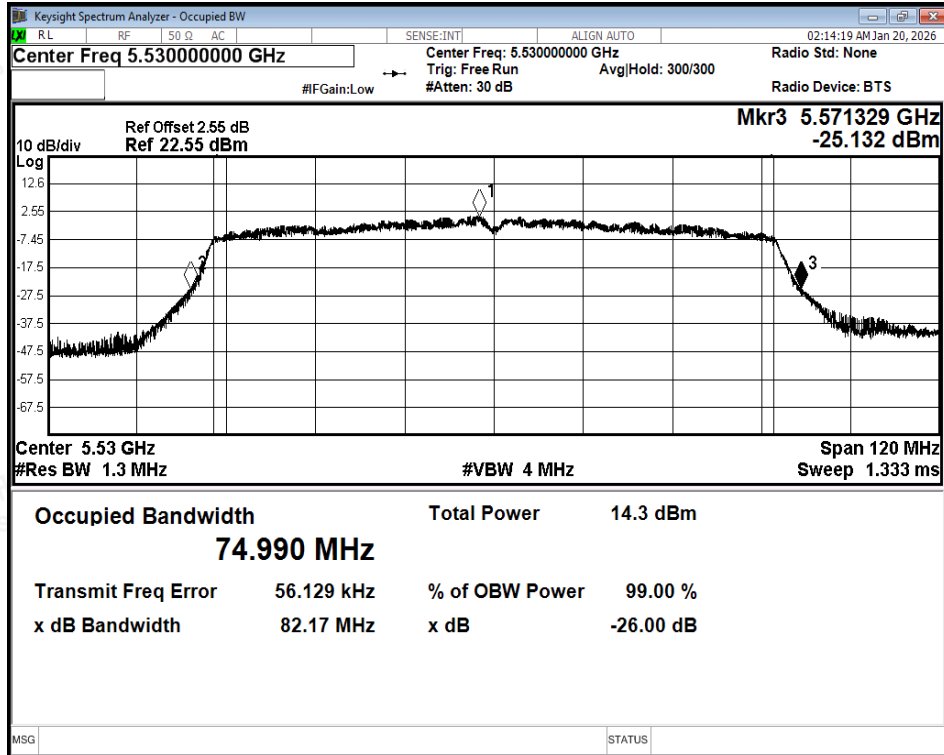


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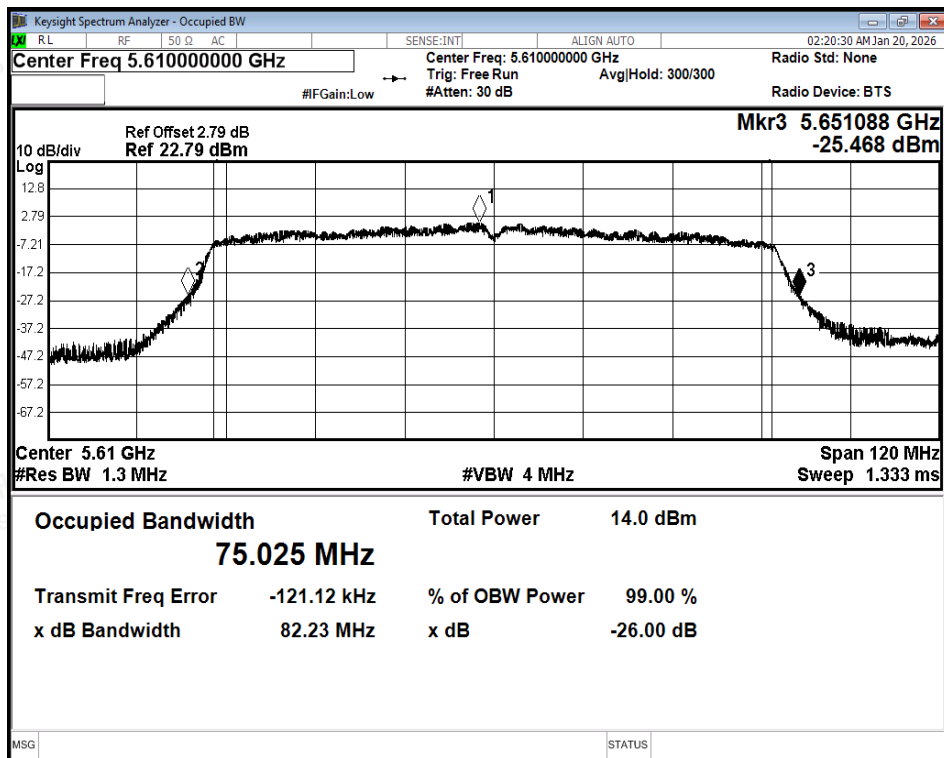
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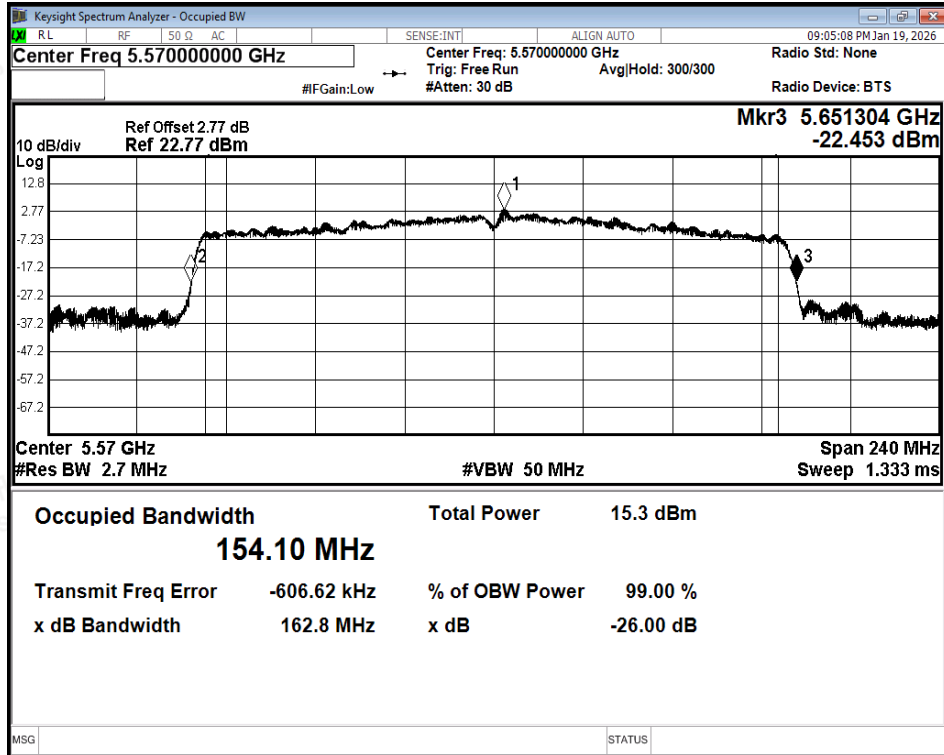


-26dB Bandwidth NVNT ax80 5530MHz Ant2



-26dB Bandwidth NVNT ax80 5610MHz Ant2





-26dB Bandwidth NVNT ax160 5570MHz Ant2





D.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5500	Ant1	5.96	0.16	6.12	24	Pass
NVNT	a	5580	Ant1	6.00	0.16	6.16	24	Pass
NVNT	a	5700	Ant1	5.92	0.16	6.08	24	Pass
NVNT	n20	5500	Ant1	5.93	0.22	6.15	24	Pass
NVNT	n20	5580	Ant1	6.08	0.22	6.30	24	Pass
NVNT	n20	5700	Ant1	6.62	0.18	6.80	24	Pass
NVNT	n40	5510	Ant1	6.14	0.36	6.50	24	Pass
NVNT	n40	5550	Ant1	6.09	0.37	6.46	24	Pass
NVNT	n40	5670	Ant1	5.76	0.43	6.19	24	Pass
NVNT	ac20	5500	Ant1	5.94	0.18	6.12	24	Pass
NVNT	ac20	5580	Ant1	5.61	0.18	5.79	24	Pass
NVNT	ac20	5700	Ant1	6.36	0.18	6.54	24	Pass
NVNT	ac40	5510	Ant1	6.28	0.43	6.71	24	Pass
NVNT	ac40	5550	Ant1	4.05	0.43	4.48	24	Pass
NVNT	ac40	5670	Ant1	6.43	0.36	6.79	24	Pass
NVNT	ac80	5530	Ant1	5.05	0.82	5.87	24	Pass
NVNT	ac80	5610	Ant1	4.97	0.84	5.81	24	Pass
NVNT	ac160	5570	Ant1	3.49	1.12	4.61	24	Pass
NVNT	ax20	5500	Ant1	5.89	0.21	6.10	24	Pass
NVNT	ax20	5580	Ant1	5.74	0.26	6.00	24	Pass
NVNT	ax20	5700	Ant1	6.51	0.21	6.72	24	Pass
NVNT	ax40	5510	Ant1	5.87	0.4	6.27	24	Pass
NVNT	ax40	5550	Ant1	5.99	0.4	6.39	24	Pass
NVNT	ax40	5670	Ant1	5.78	0.47	6.25	24	Pass
NVNT	ax80	5530	Ant1	5.86	0.84	6.70	24	Pass
NVNT	ax80	5610	Ant1	5.92	0.71	6.63	24	Pass
NVNT	ax160	5570	Ant1	3.96	1.12	5.08	24	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5500	Ant2	3.44	0.19	3.63	24	Pass
NVNT	a	5580	Ant2	6.16	0.16	6.32	24	Pass
NVNT	a	5700	Ant2	6.26	0.16	6.42	24	Pass
NVNT	n20	5500	Ant2	6.61	0.18	6.79	24	Pass
NVNT	n20	5580	Ant2	5.81	0.22	6.03	24	Pass
NVNT	n20	5700	Ant2	6.45	0.18	6.63	24	Pass
NVNT	n40	5510	Ant2	6.22	0.37	6.59	24	Pass
NVNT	n40	5550	Ant2	6.31	0.36	6.67	24	Pass
NVNT	n40	5670	Ant2	6.63	0.36	6.99	24	Pass
NVNT	ac20	5500	Ant2	6.31	0.18	6.49	24	Pass
NVNT	ac20	5580	Ant2	5.83	0.18	6.01	24	Pass
NVNT	ac20	5700	Ant2	6.54	0.18	6.72	24	Pass
NVNT	ac40	5510	Ant2	6.45	0.43	6.88	24	Pass
NVNT	ac40	5550	Ant2	6.35	0.43	6.78	24	Pass
NVNT	ac40	5670	Ant2	5.70	0.47	6.17	24	Pass
NVNT	ac80	5530	Ant2	5.58	0.69	6.27	24	Pass
NVNT	ac80	5610	Ant2	5.51	0.82	6.33	24	Pass
NVNT	ac160	5570	Ant2	4.49	1.12	5.61	24	Pass
NVNT	ax20	5500	Ant2	5.97	0.21	6.18	24	Pass
NVNT	ax20	5580	Ant2	5.63	0.26	5.89	24	Pass
NVNT	ax20	5700	Ant2	6.32	0.21	6.53	24	Pass
NVNT	ax40	5510	Ant2	6.38	0.36	6.74	24	Pass
NVNT	ax40	5550	Ant2	5.89	0.36	6.25	24	Pass
NVNT	ax40	5670	Ant2	5.58	0.47	6.05	24	Pass
NVNT	ax80	5530	Ant2	5.55	0.82	6.37	24	Pass
NVNT	ax80	5610	Ant2	5.40	0.69	6.09	24	Pass
NVNT	ax160	5570	Ant2	4.09	1.12	5.21	24	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5500	6.15	6.79	9.49	24	Pass
NVNT	n20	5580	6.30	6.03	9.18	24	Pass
NVNT	n20	5700	6.80	6.63	9.73	24	Pass
NVNT	n40	5510	6.50	6.59	9.56	24	Pass
NVNT	n40	5550	6.46	6.67	9.58	24	Pass
NVNT	n40	5670	6.19	6.99	9.62	24	Pass
NVNT	ac20	5500	6.12	6.49	9.32	24	Pass
NVNT	ac20	5580	5.79	6.01	8.91	24	Pass
NVNT	ac20	5700	6.54	6.72	9.64	24	Pass
NVNT	ac40	5510	6.71	6.88	9.81	24	Pass
NVNT	ac40	5550	4.48	6.78	8.79	24	Pass
NVNT	ac40	5670	6.79	6.17	9.50	24	Pass
NVNT	ac80	5530	5.87	6.27	9.08	24	Pass
NVNT	ac80	5610	5.81	6.33	9.09	24	Pass
NVNT	ac160	5570	4.61	5.61	8.15	24	Pass
NVNT	ax20	5500	6.10	6.18	9.15	24	Pass
NVNT	ax20	5580	6.00	5.89	8.96	24	Pass
NVNT	ax20	5700	6.72	6.53	9.64	24	Pass
NVNT	ax40	5510	6.27	6.74	9.52	24	Pass
NVNT	ax40	5550	6.39	6.25	9.33	24	Pass
NVNT	ax40	5670	6.25	6.05	9.16	24	Pass
NVNT	ax80	5530	6.70	6.37	9.55	24	Pass
NVNT	ax80	5610	6.63	6.09	9.38	24	Pass
NVNT	ax160	5570	5.08	5.21	8.16	24	Pass



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D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total Conducted PSD (dBm/MHz)	Limit Conducted(dBm/MHz)	Verdict
NVNT	a	5500	Ant1	-1.9	0.16	-1.74	11	Pass
NVNT	a	5580	Ant1	-5.54	0.16	-5.38	11	Pass
NVNT	a	5700	Ant1	-0.85	0.16	-0.69	11	Pass
NVNT	n20	5500	Ant1	-1.86	0.22	-1.64	11	Pass
NVNT	n20	5580	Ant1	-4.01	0.22	-3.79	11	Pass
NVNT	n20	5700	Ant1	-1.37	0.18	-1.19	11	Pass
NVNT	n40	5510	Ant1	-5.08	0.36	-4.72	11	Pass
NVNT	n40	5550	Ant1	-6.09	0.37	-5.72	11	Pass
NVNT	n40	5670	Ant1	-4.46	0.43	-4.03	11	Pass
NVNT	ac20	5500	Ant1	-2.22	0.18	-2.04	11	Pass
NVNT	ac20	5580	Ant1	-4.34	0.18	-4.16	11	Pass
NVNT	ac20	5700	Ant1	-1.55	0.18	-1.37	11	Pass
NVNT	ac40	5510	Ant1	-5.87	0.43	-5.44	11	Pass
NVNT	ac40	5550	Ant1	-7.3	0.43	-6.87	11	Pass
NVNT	ac40	5670	Ant1	-4.76	0.36	-4.4	11	Pass
NVNT	ac80	5530	Ant1	-9.05	0.82	-8.23	11	Pass
NVNT	ac80	5610	Ant1	-9.45	0.84	-8.61	11	Pass
NVNT	ac160	5570	Ant1	-13.18	1.12	-12.06	11	Pass
NVNT	ax20	5500	Ant1	-2.22	0.21	-2.01	11	Pass
NVNT	ax20	5580	Ant1	-4.3	0.26	-4.04	11	Pass
NVNT	ax20	5700	Ant1	-1.44	0.21	-1.23	11	Pass
NVNT	ax40	5510	Ant1	-5.44	0.4	-5.03	11	Pass
NVNT	ax40	5550	Ant1	-6.14	0.4	-5.74	11	Pass
NVNT	ax40	5670	Ant1	-4.44	0.47	-3.97	11	Pass
NVNT	ax80	5530	Ant1	-8.49	0.84	-7.65	11	Pass
NVNT	ax80	5610	Ant1	-9.55	0.71	-8.84	11	Pass
NVNT	ax160	5570	Ant1	-12.83	1.12	-11.71	11	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm/MHz)	Duty Factor (dB)	Total Conducted PSD(dBm/MHz)	Limit Conducted(dBm/MHz)	Verdict
NVNT	a	5500	Ant2	-3.12	0.19	-2.93	11	Pass
NVNT	a	5580	Ant2	-3.68	0.16	-3.52	11	Pass
NVNT	a	5700	Ant2	-2.71	0.16	-2.55	11	Pass
NVNT	n20	5500	Ant2	-3.39	0.18	-3.21	11	Pass
NVNT	n20	5580	Ant2	-4.25	0.22	-4.03	11	Pass
NVNT	n20	5700	Ant2	-3.51	0.18	-3.33	11	Pass
NVNT	n40	5510	Ant2	-7.11	0.37	-6.74	11	Pass
NVNT	n40	5550	Ant2	-6.95	0.36	-6.59	11	Pass
NVNT	n40	5670	Ant2	-5.53	0.36	-5.17	11	Pass
NVNT	ac20	5500	Ant2	-3.75	0.18	-3.57	11	Pass
NVNT	ac20	5580	Ant2	-4.13	0.18	-3.95	11	Pass
NVNT	ac20	5700	Ant2	-3.31	0.18	-3.13	11	Pass
NVNT	ac40	5510	Ant2	-6.81	0.43	-6.38	11	Pass
NVNT	ac40	5550	Ant2	-6.71	0.43	-6.28	11	Pass
NVNT	ac40	5670	Ant2	-5.65	0.47	-5.18	11	Pass
NVNT	ac80	5530	Ant2	-9.41	0.69	-8.72	11	Pass
NVNT	ac80	5610	Ant2	-13.43	0.82	-12.61	11	Pass
NVNT	ac160	5570	Ant2	-12.8	1.12	-11.68	11	Pass
NVNT	ax20	5500	Ant2	-4.02	0.21	-3.81	11	Pass
NVNT	ax20	5580	Ant2	-4.34	0.26	-4.08	11	Pass
NVNT	ax20	5700	Ant2	-3.91	0.21	-3.7	11	Pass
NVNT	ax40	5510	Ant2	-6.78	0.36	-6.42	11	Pass
NVNT	ax40	5550	Ant2	-6.31	0.36	-5.95	11	Pass
NVNT	ax40	5670	Ant2	-5.63	0.47	-5.16	11	Pass
NVNT	ax80	5530	Ant2	-9.49	0.82	-8.67	11	Pass
NVNT	ax80	5610	Ant2	-9.94	0.69	-9.25	11	Pass
NVNT	ax160	5570	Ant2	-13.36	1.12	-12.24	11	Pass



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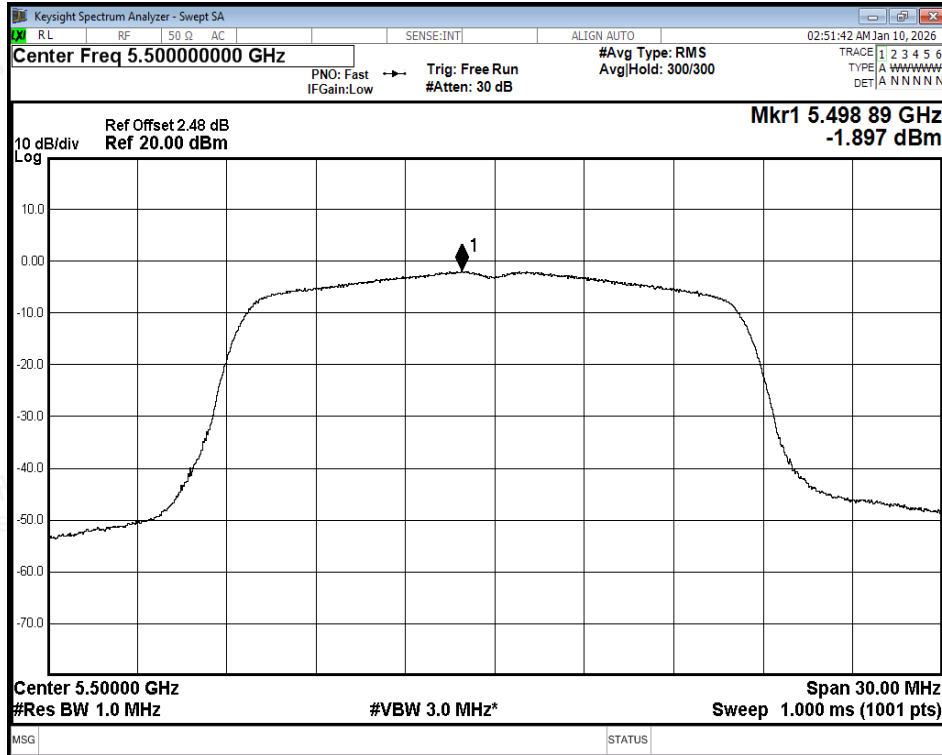


MIMO

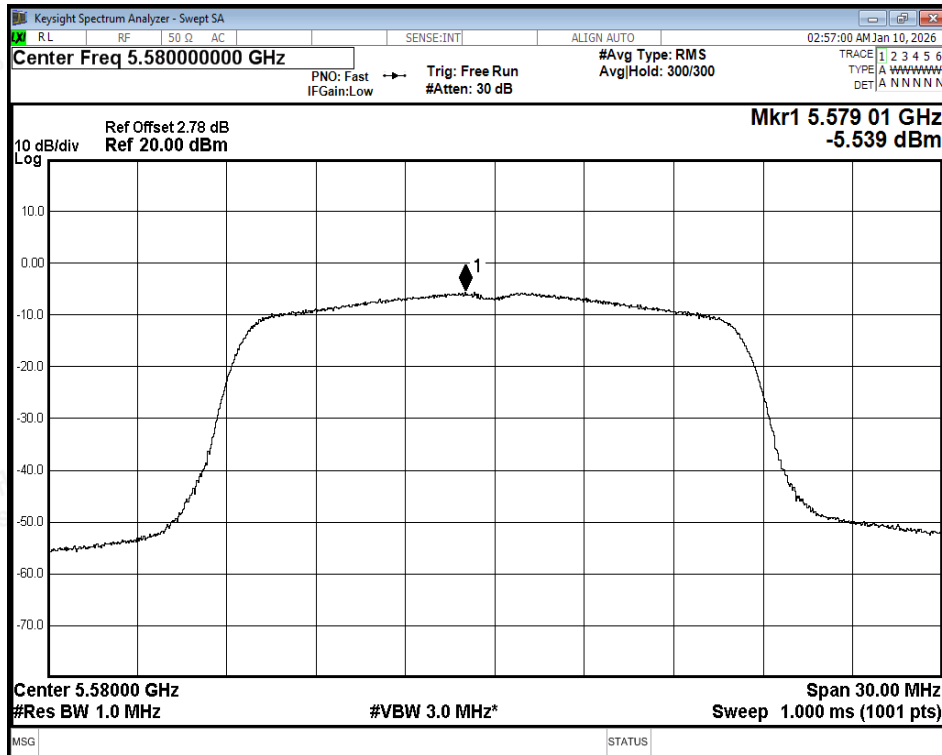
Condition	Mode	Frequency (MHz)	Total PSD(dBm/MHz))			Limit(dBm/MHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5500	-1.64	-3.21	0.66	11	Pass
NVNT	n20	5580	-3.79	-4.03	-0.90	11	Pass
NVNT	n20	5700	-1.19	-3.33	0.88	11	Pass
NVNT	n40	5510	-4.72	-6.74	-2.60	11	Pass
NVNT	n40	5550	-5.72	-6.59	-3.12	11	Pass
NVNT	n40	5670	-4.03	-5.17	-1.55	11	Pass
NVNT	ac20	5500	-2.04	-3.57	0.27	11	Pass
NVNT	ac20	5580	-4.16	-3.95	-1.04	11	Pass
NVNT	ac20	5700	-1.37	-3.13	0.85	11	Pass
NVNT	ac40	5510	-5.44	-6.38	-2.87	11	Pass
NVNT	ac40	5550	-6.87	-6.28	-3.55	11	Pass
NVNT	ac40	5670	-4.4	-5.18	-1.76	11	Pass
NVNT	ac80	5530	-8.23	-8.72	-5.46	11	Pass
NVNT	ac80	5610	-8.61	-12.61	-7.15	11	Pass
NVNT	ac160	5570	-12.06	-11.68	-8.86	11	Pass
NVNT	ax20	5500	-2.01	-3.81	0.19	11	Pass
NVNT	ax20	5580	-4.04	-4.08	-1.05	11	Pass
NVNT	ax20	5700	-1.23	-3.7	0.72	11	Pass
NVNT	ax40	5510	-5.03	-6.42	-2.66	11	Pass
NVNT	ax40	5550	-5.74	-5.95	-2.83	11	Pass
NVNT	ax40	5670	-3.97	-5.16	-1.51	11	Pass
NVNT	ax80	5530	-7.65	-8.67	-5.12	11	Pass
NVNT	ax80	5610	-8.84	-9.25	-6.03	11	Pass
NVNT	ax160	5570	-11.71	-12.24	-8.96	11	Pass



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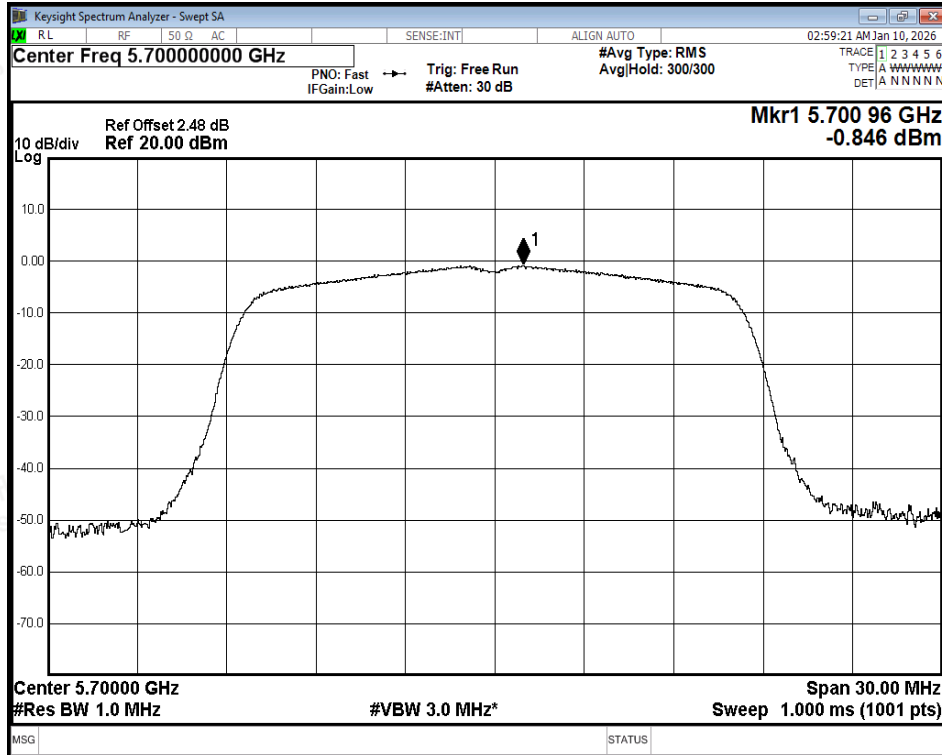


PSD NVNT a 5500MHz Ant1

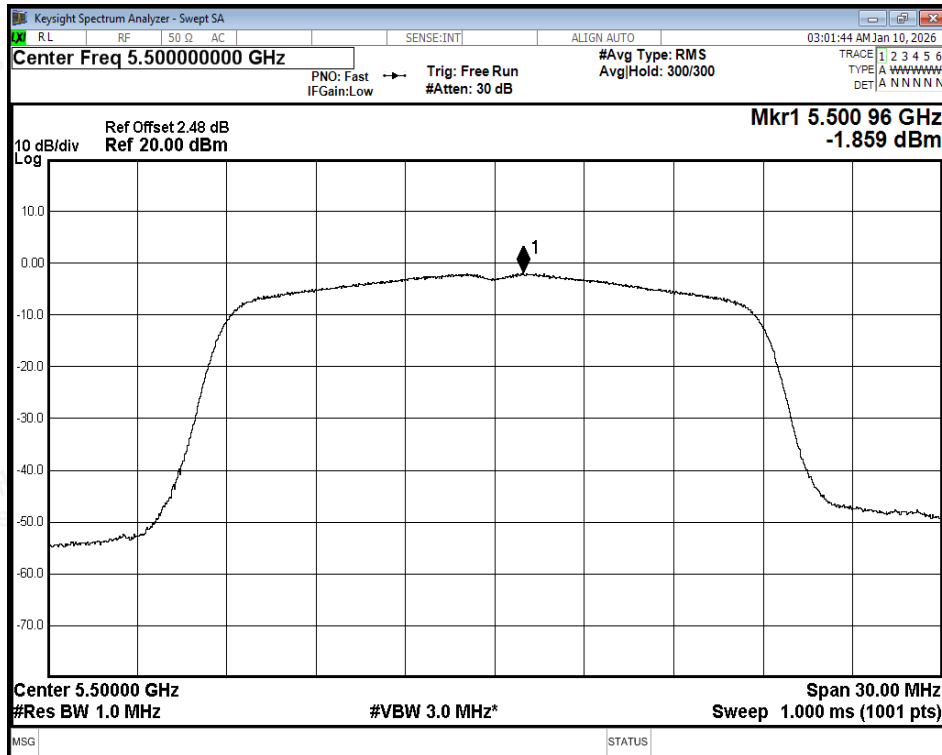


PSD NVNT a 5580MHz Ant1



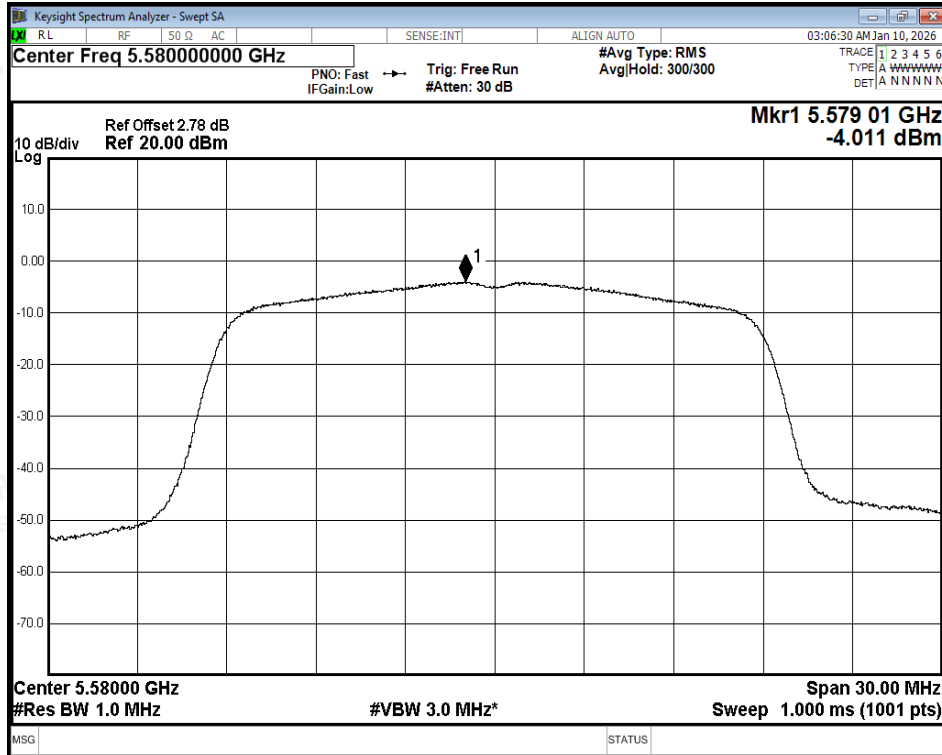


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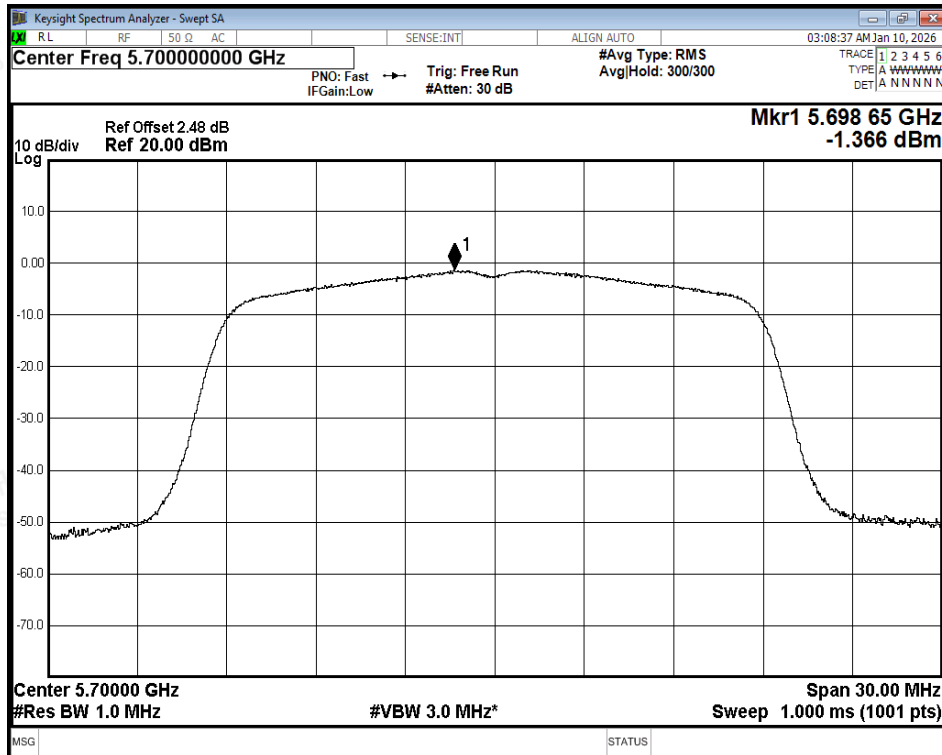


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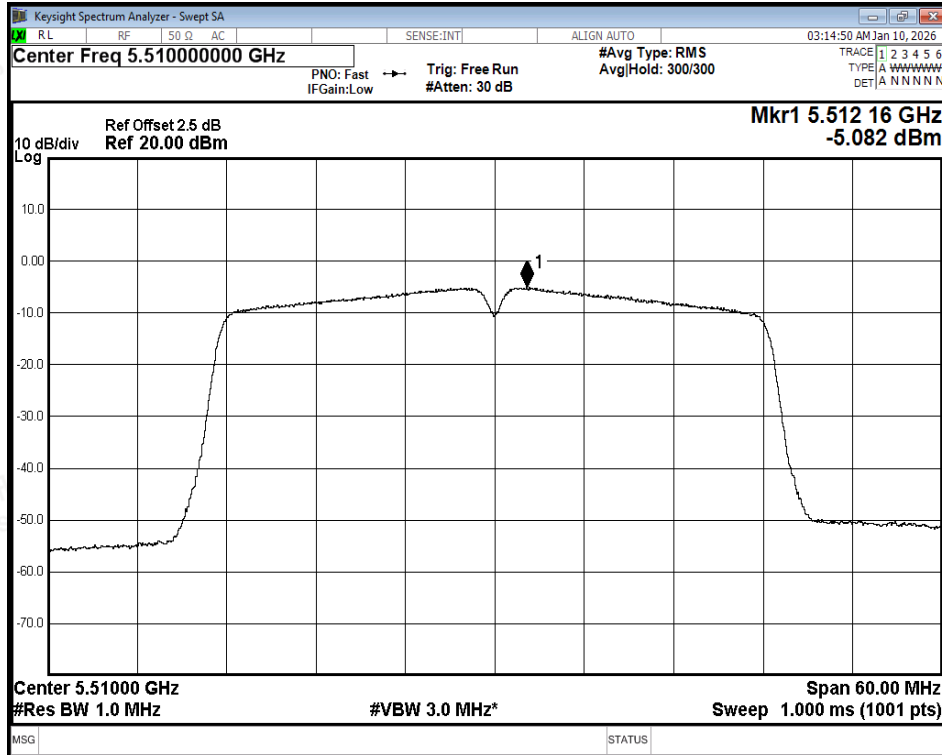


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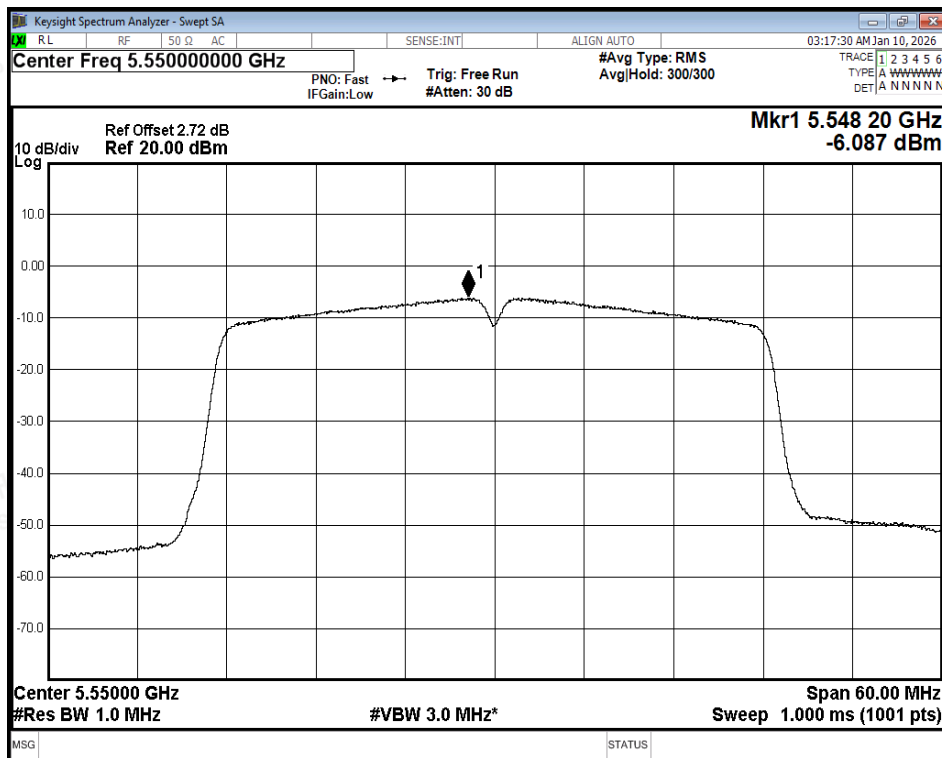


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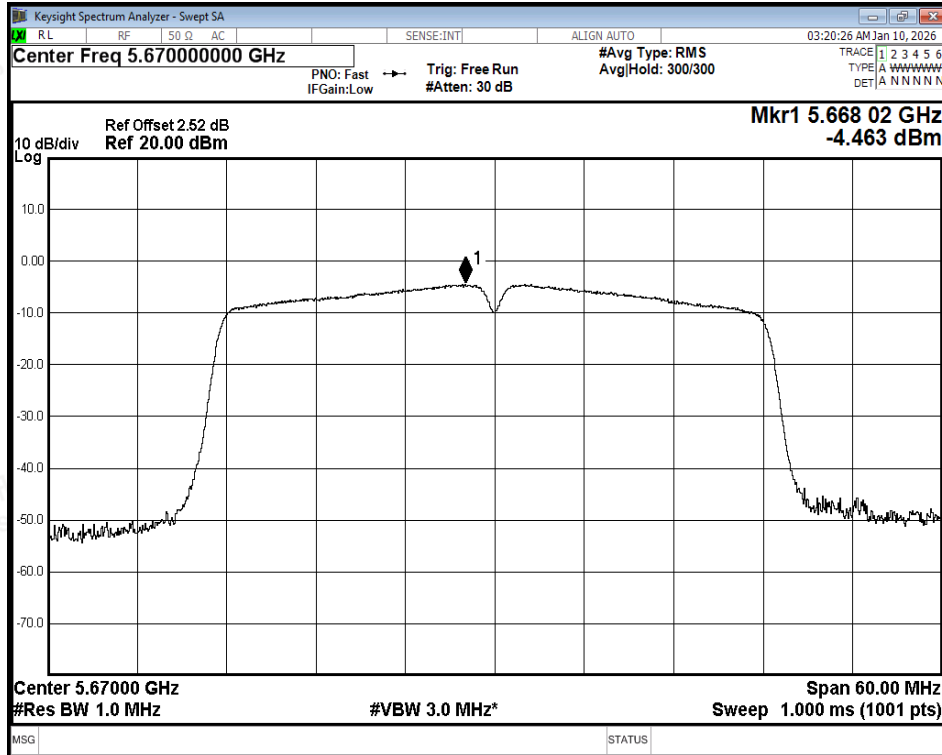


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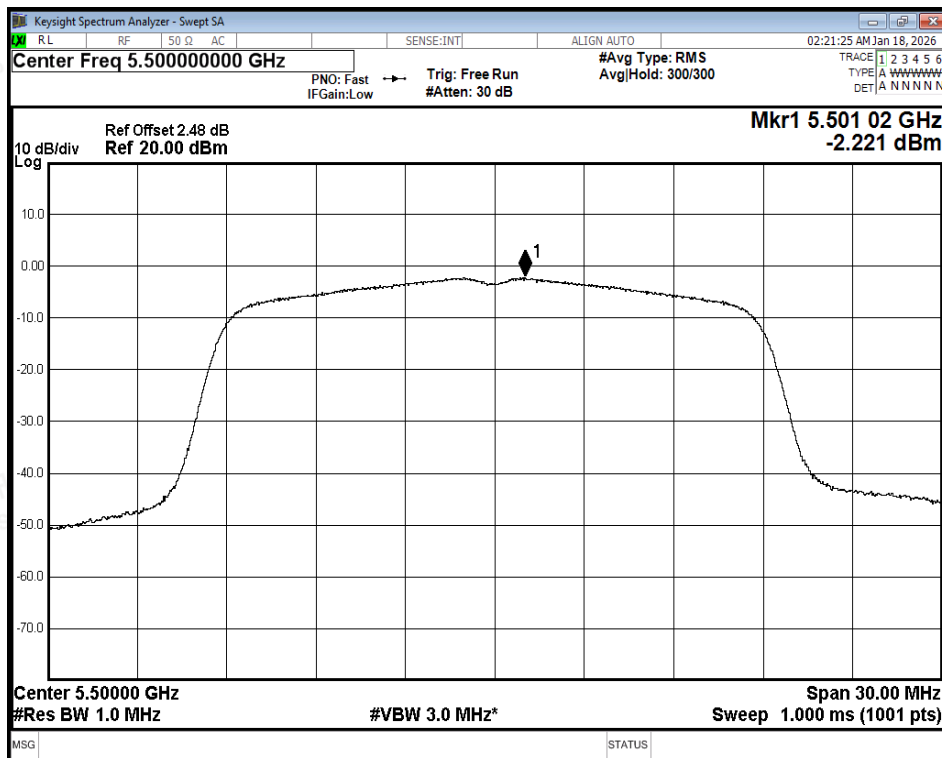


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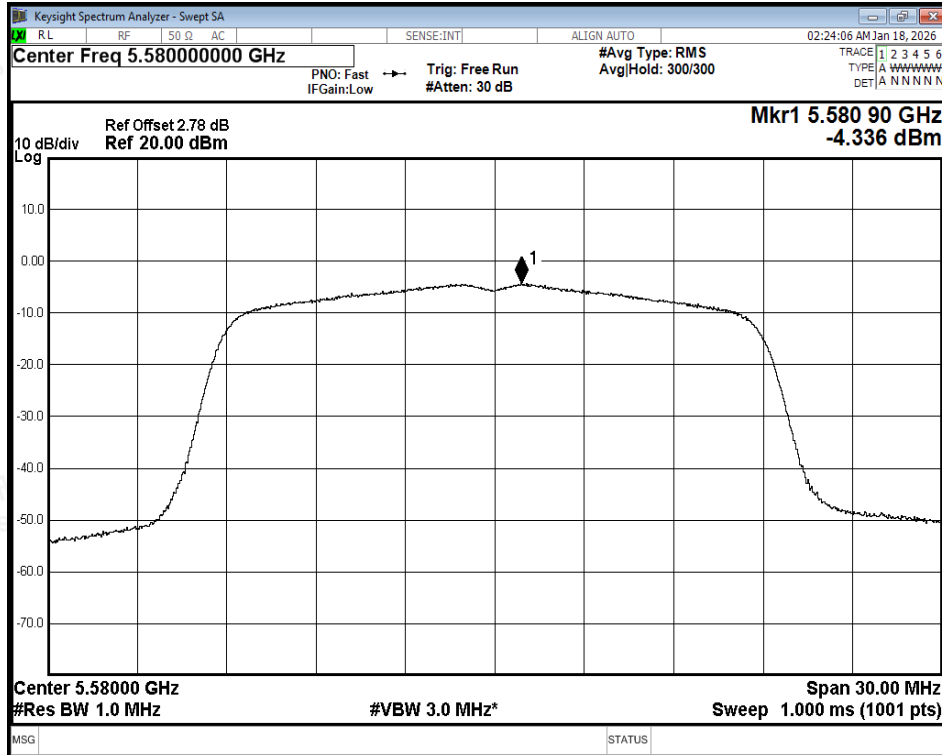


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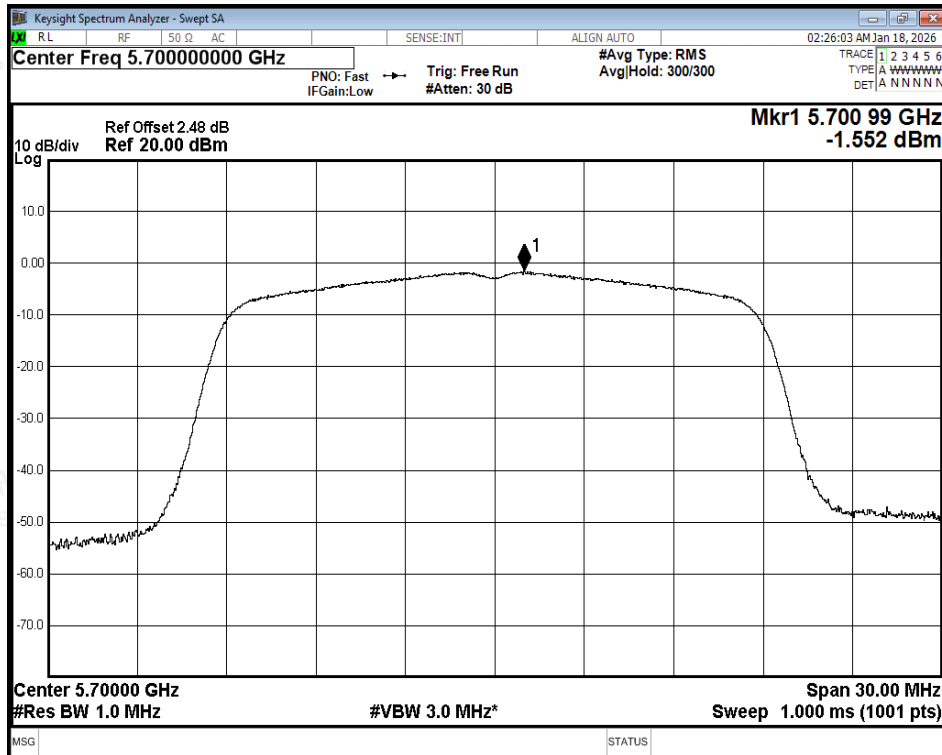


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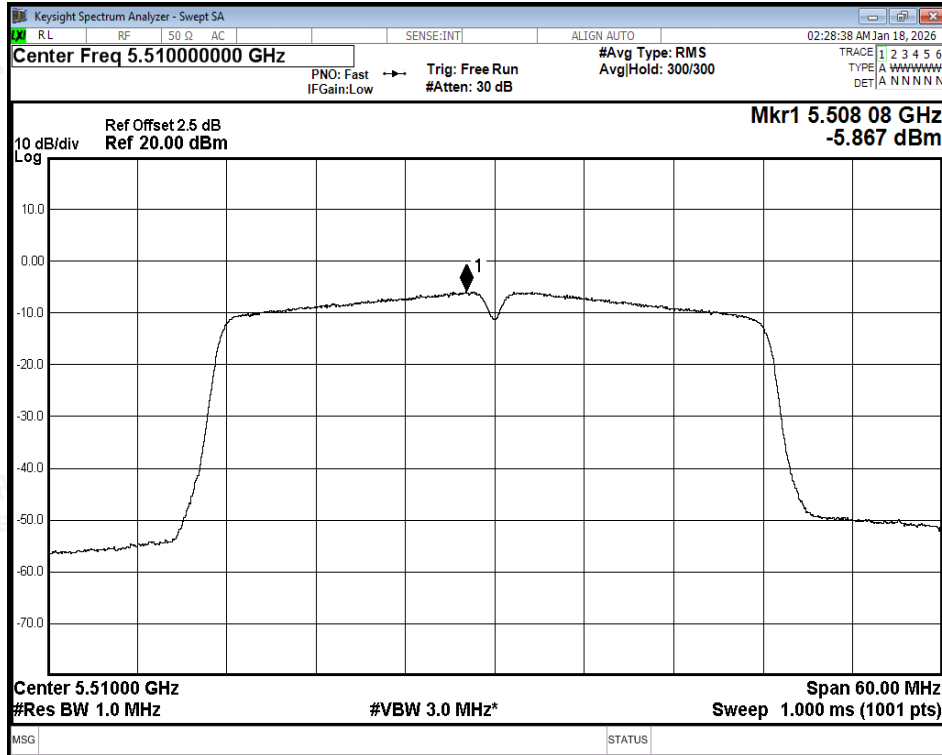


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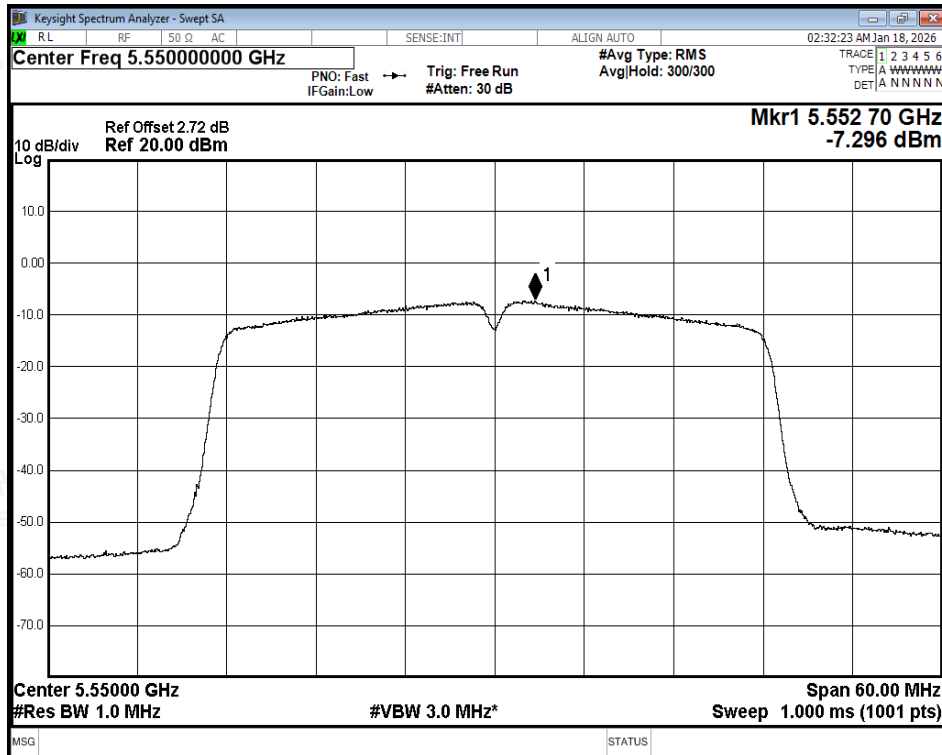


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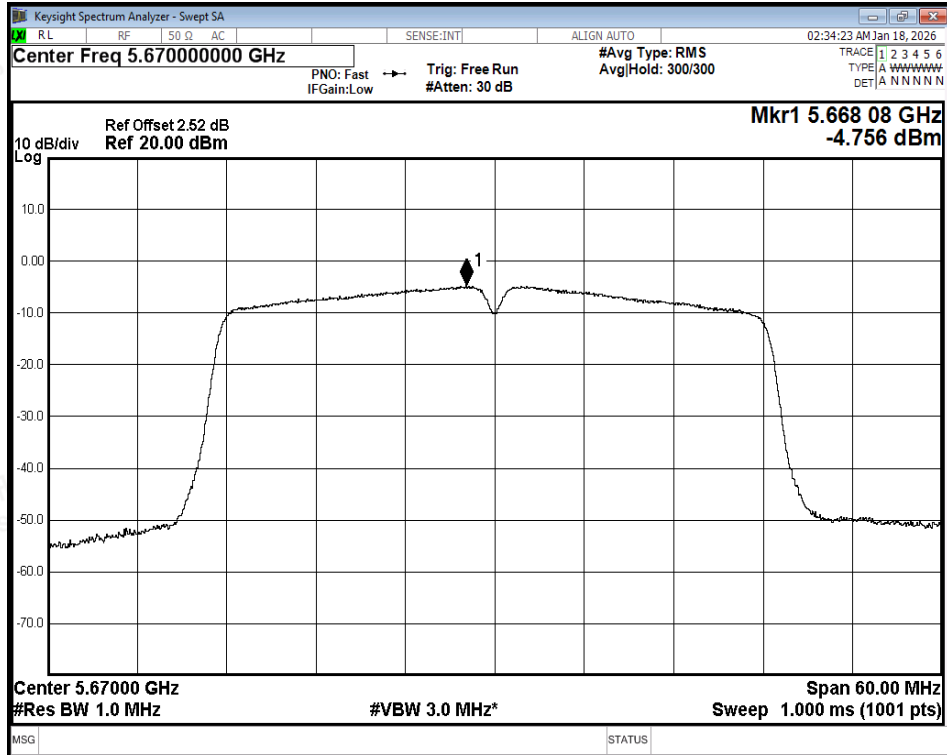


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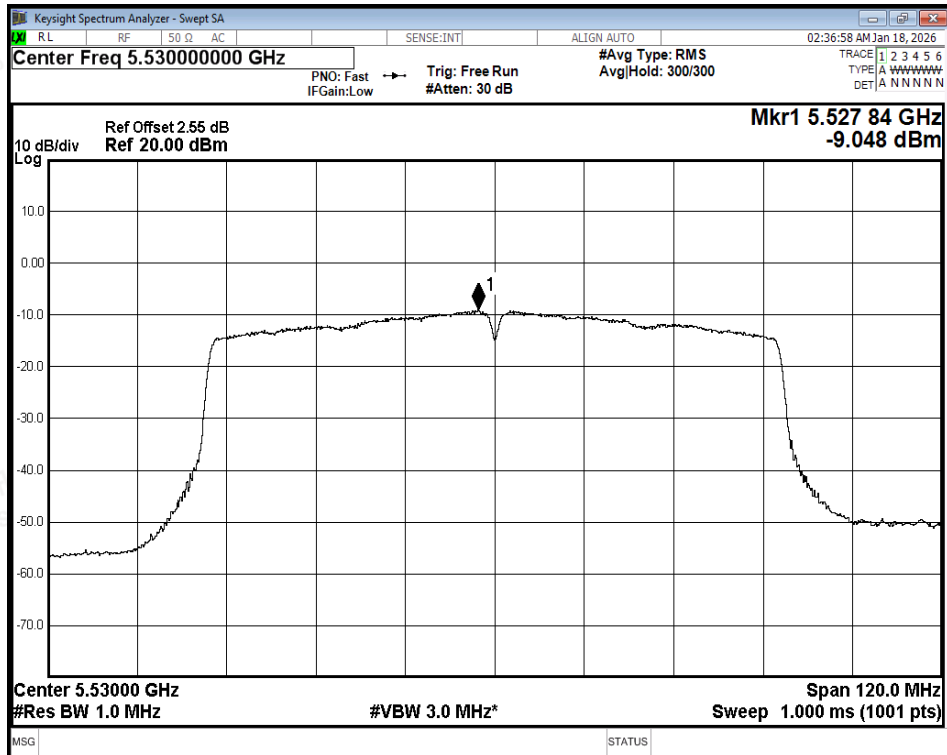


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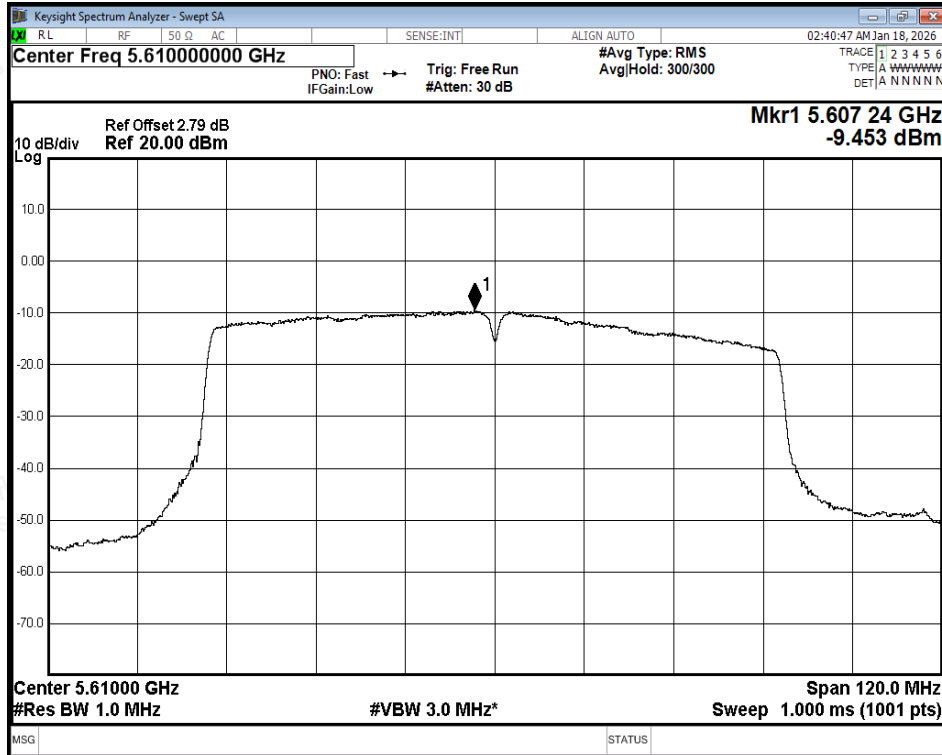


PSD NVNT ac40 5670MHz Ant1

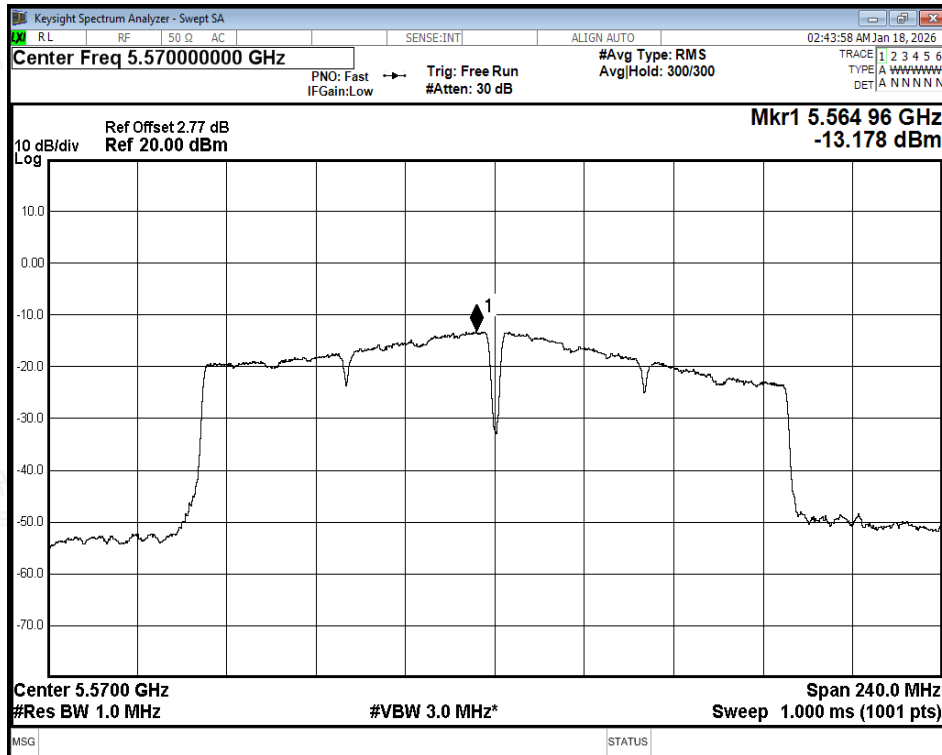


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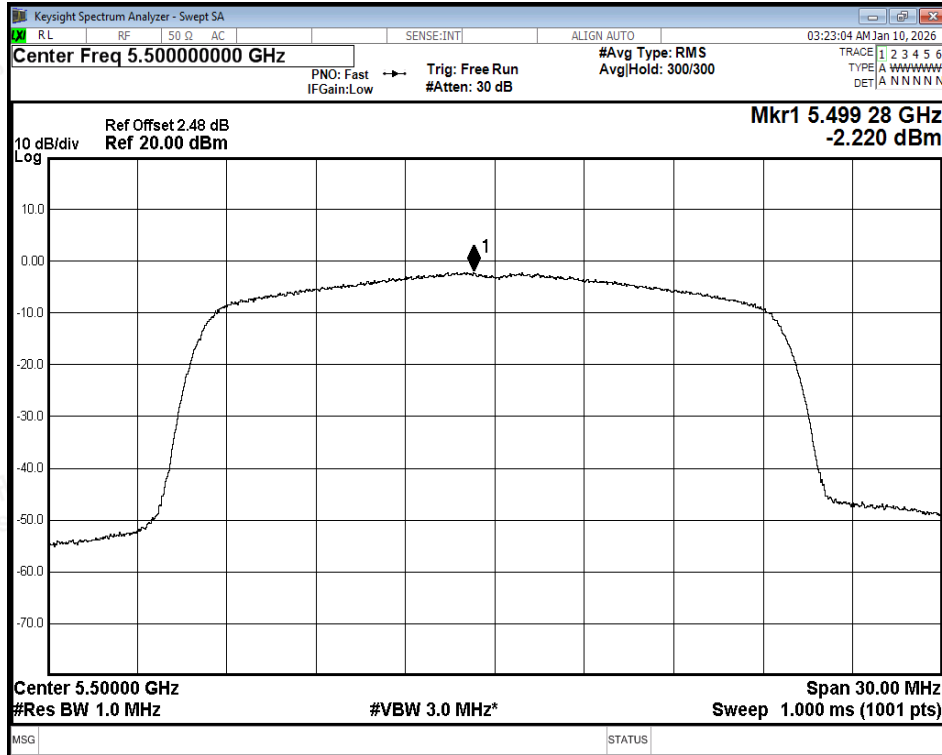


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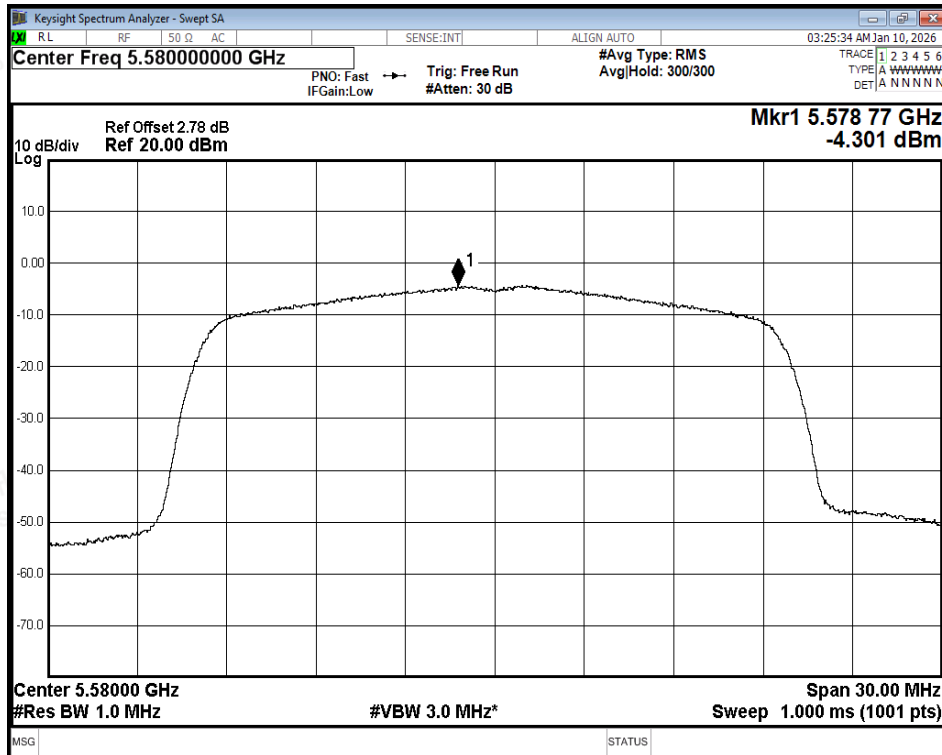


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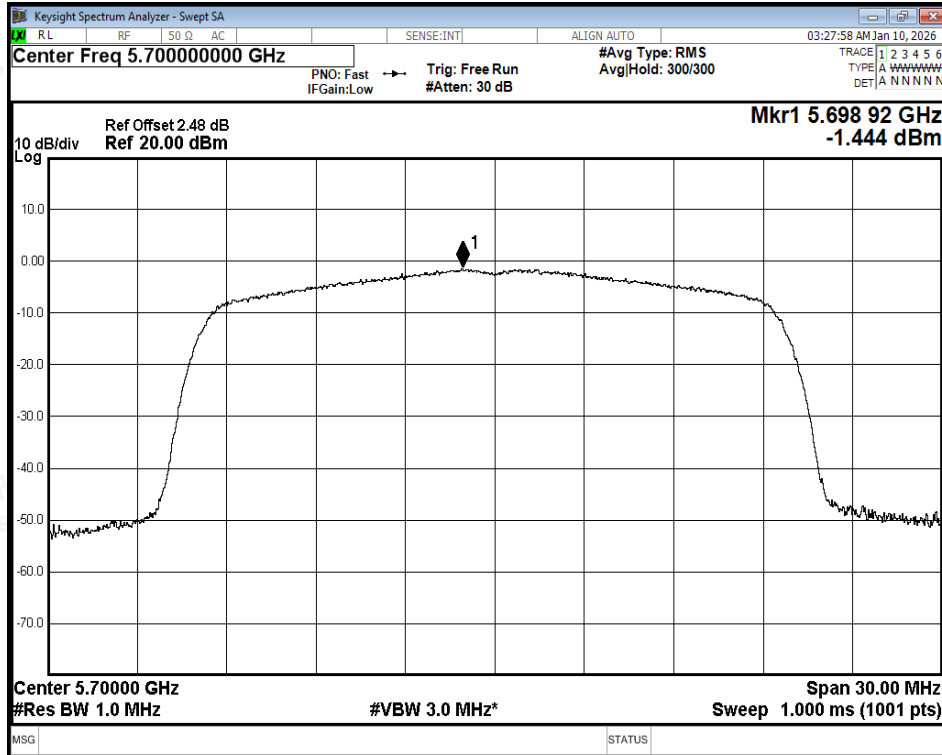


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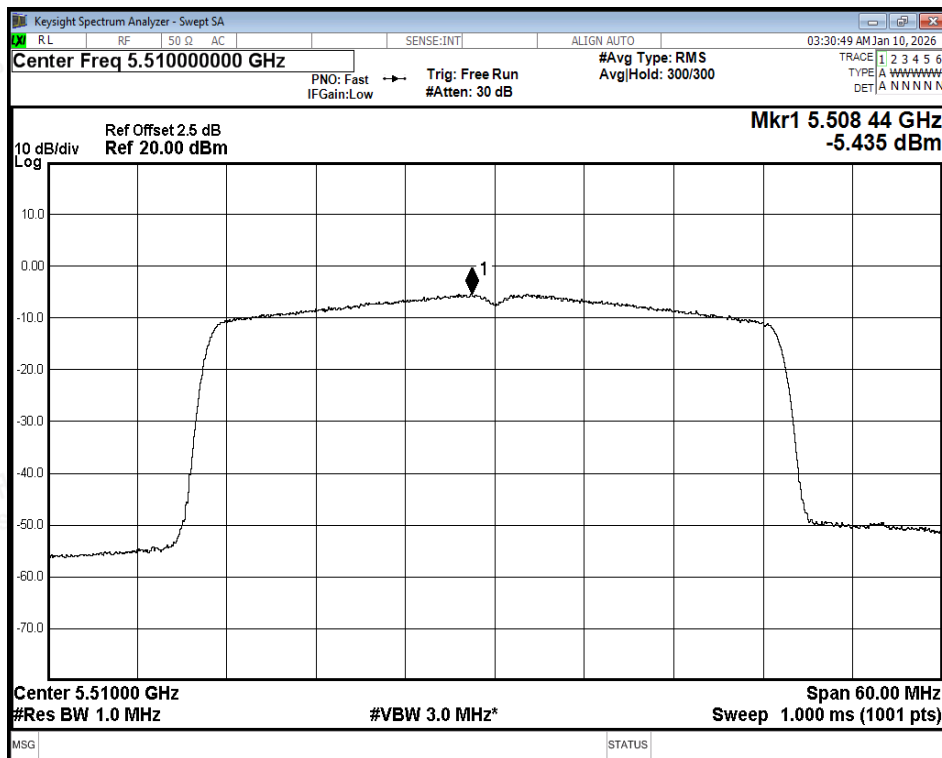


PSD NVNT ax20 5580MHz Ant1



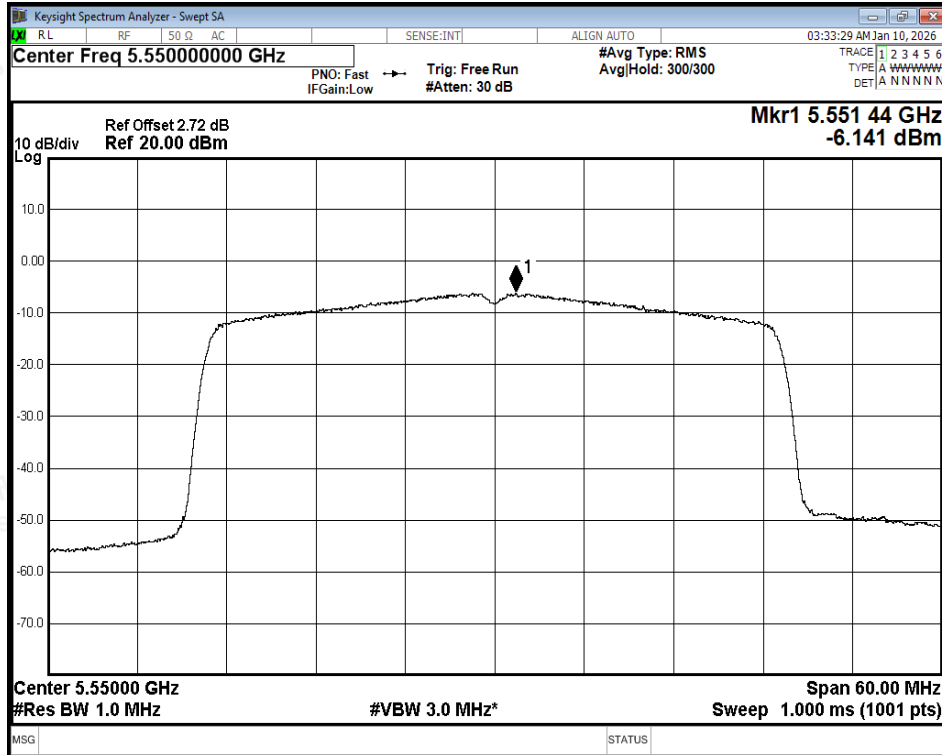


PSD NVNT ax20 5700MHz Ant1

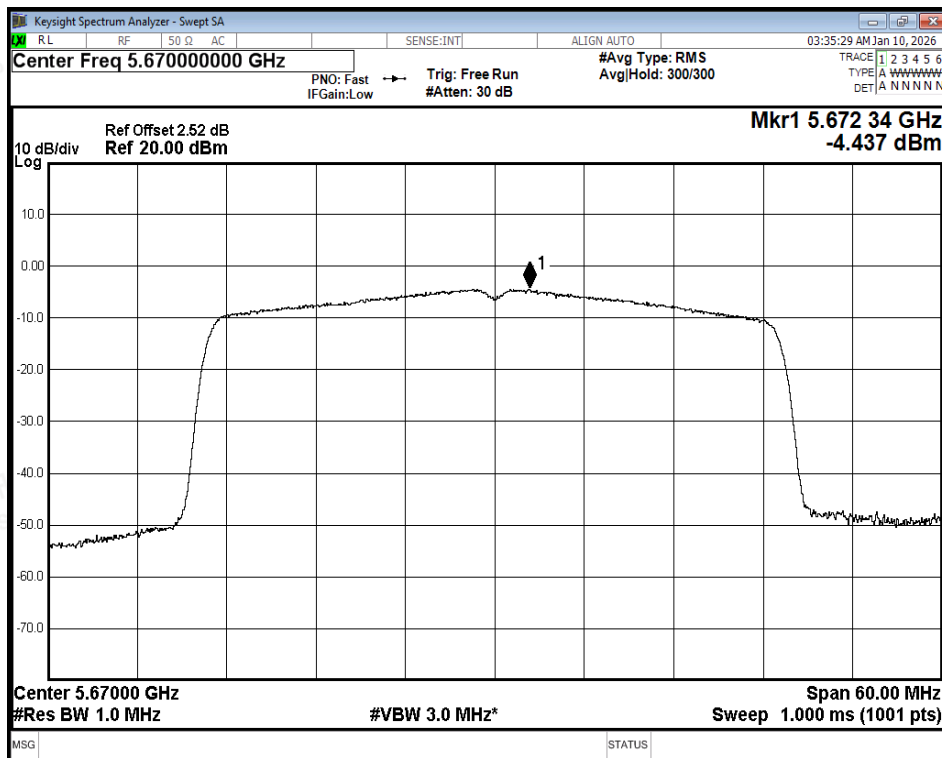


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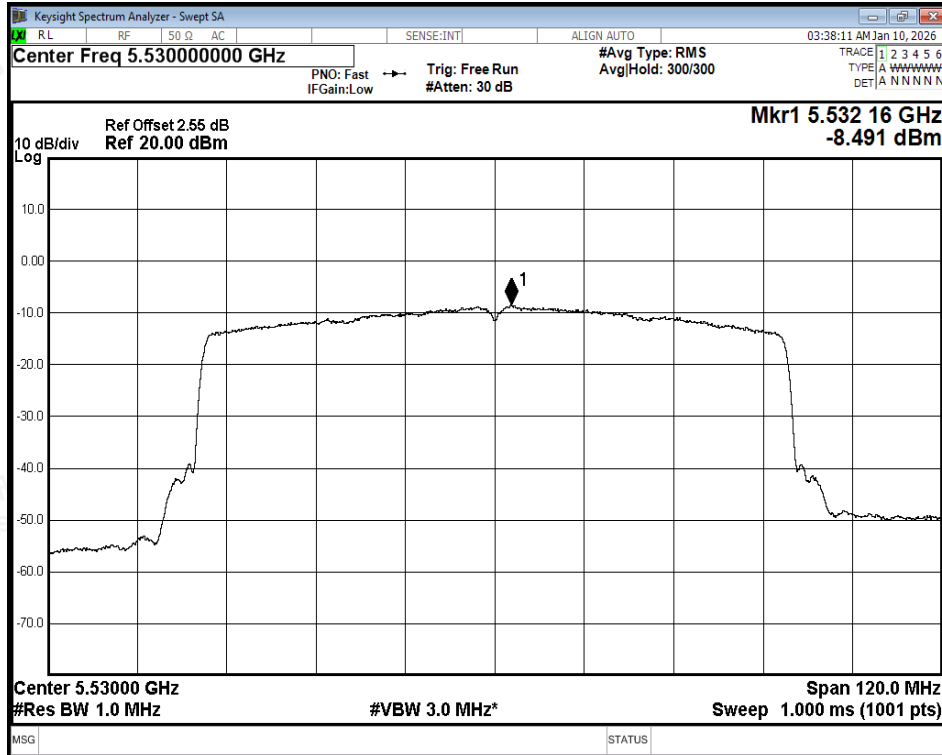


PSD NVNT ax40 5550MHz Ant1

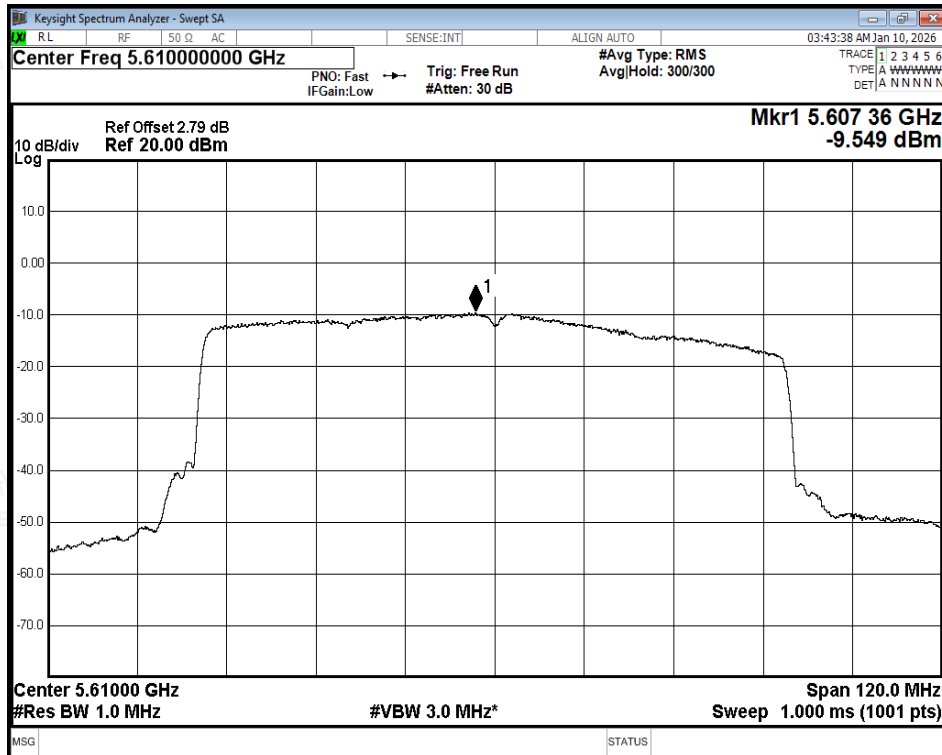


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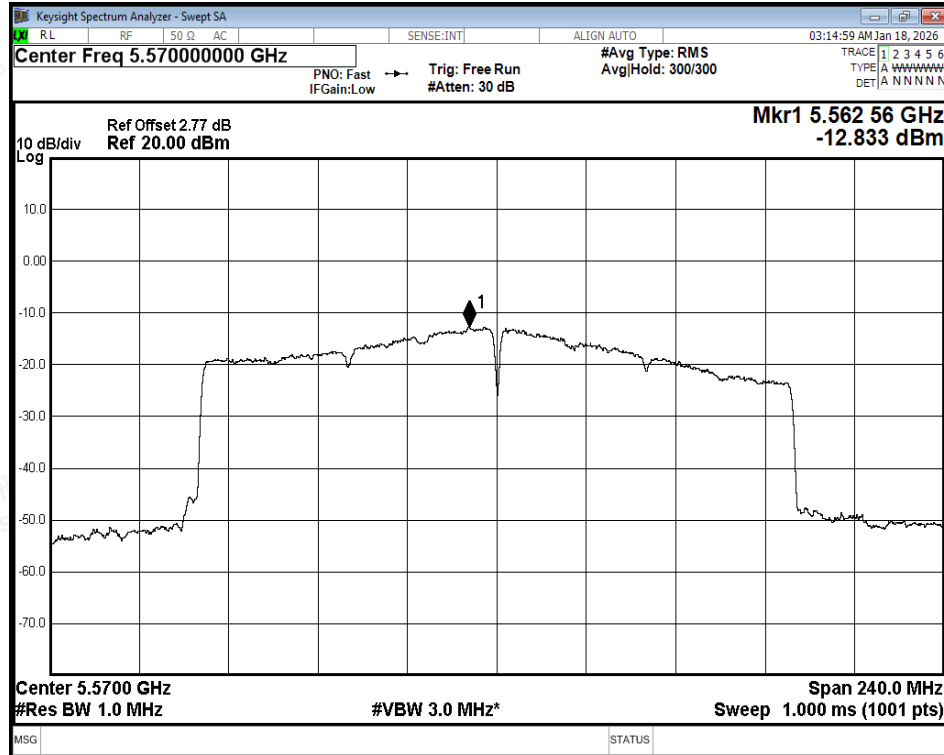


PSD NVNT ax80 5530MHz Ant1

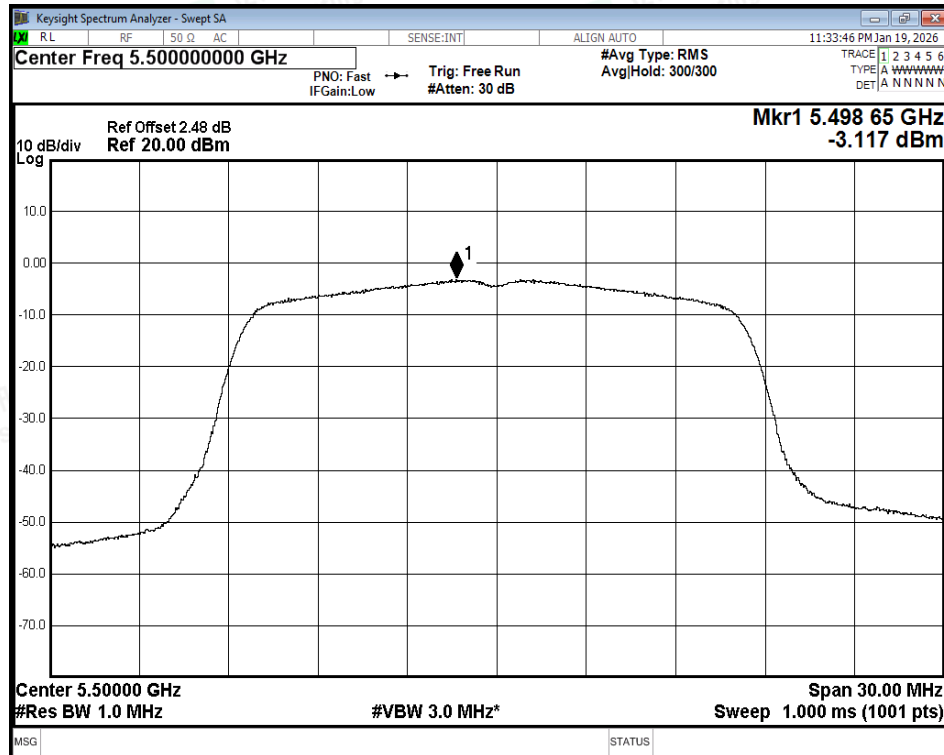


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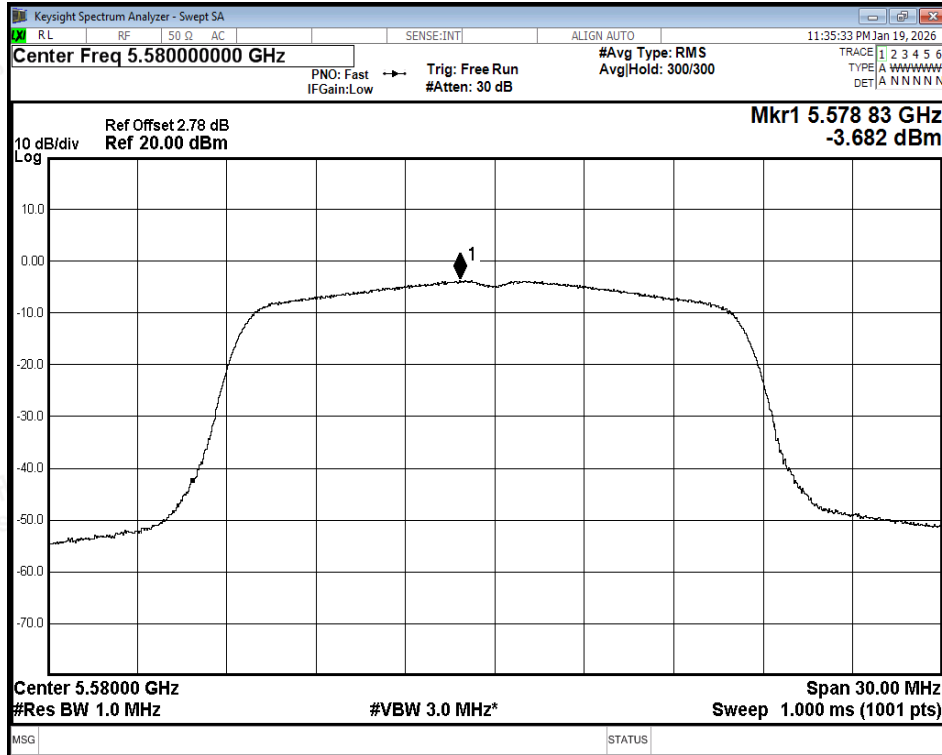


PSD NVNT ax160 5570MHz Ant1

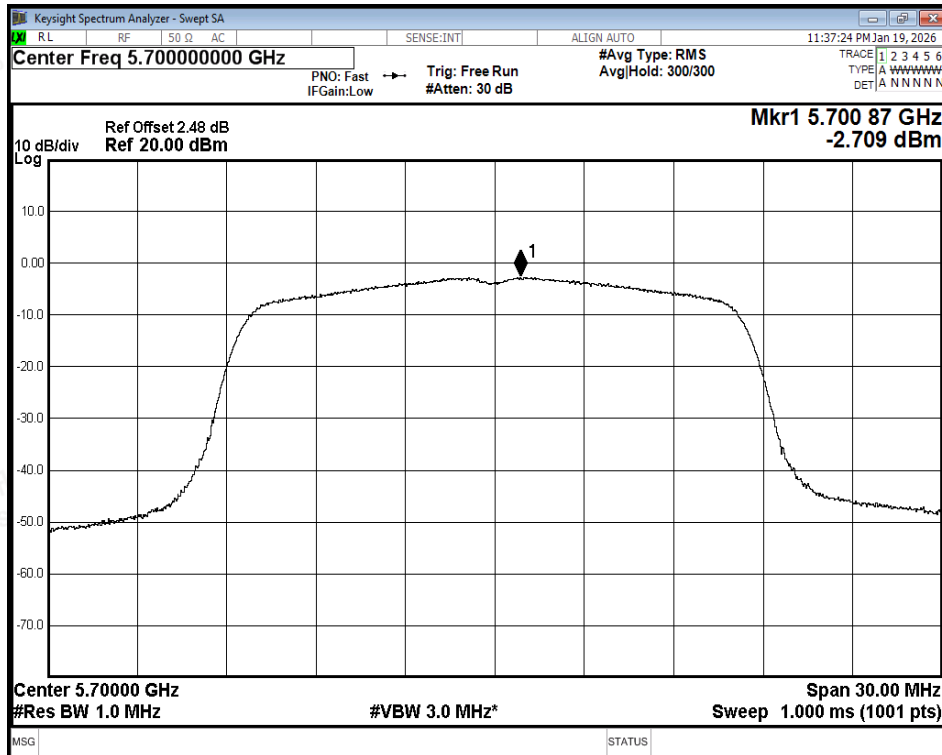


PSD NVNT a 5500MHz Ant2



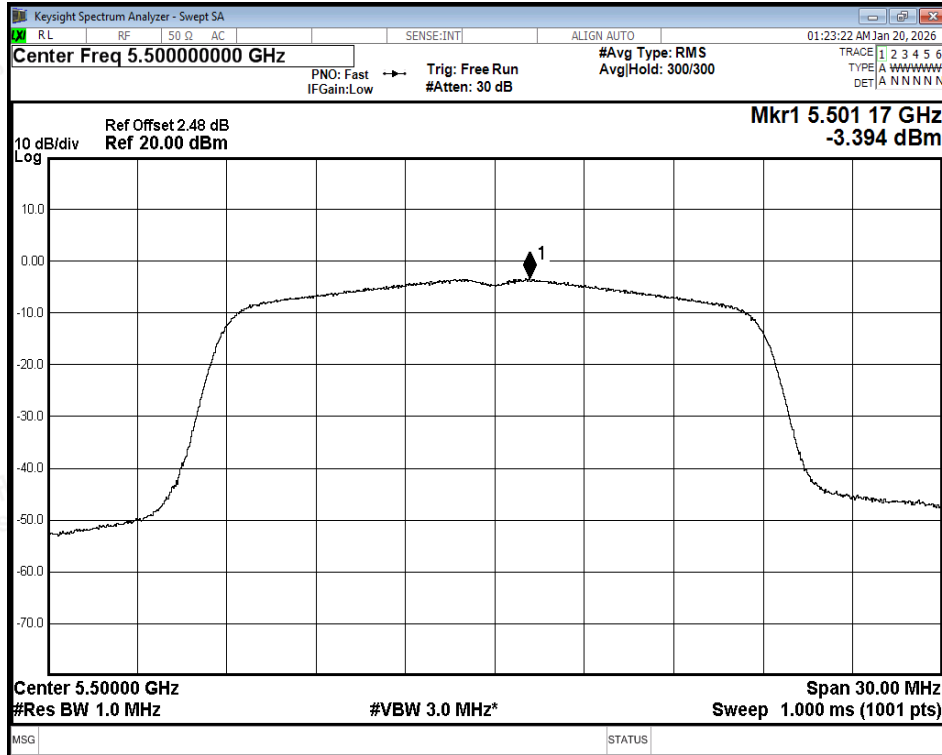


PSD NVNT a 5580MHz Ant2

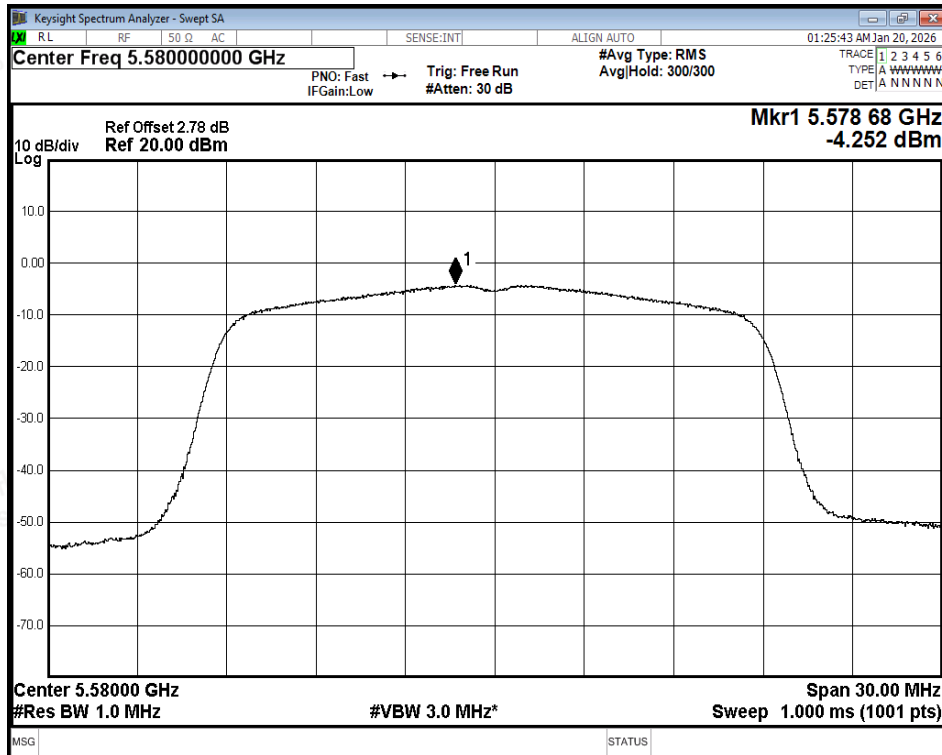


PSD NVNT a 5700MHz Ant2



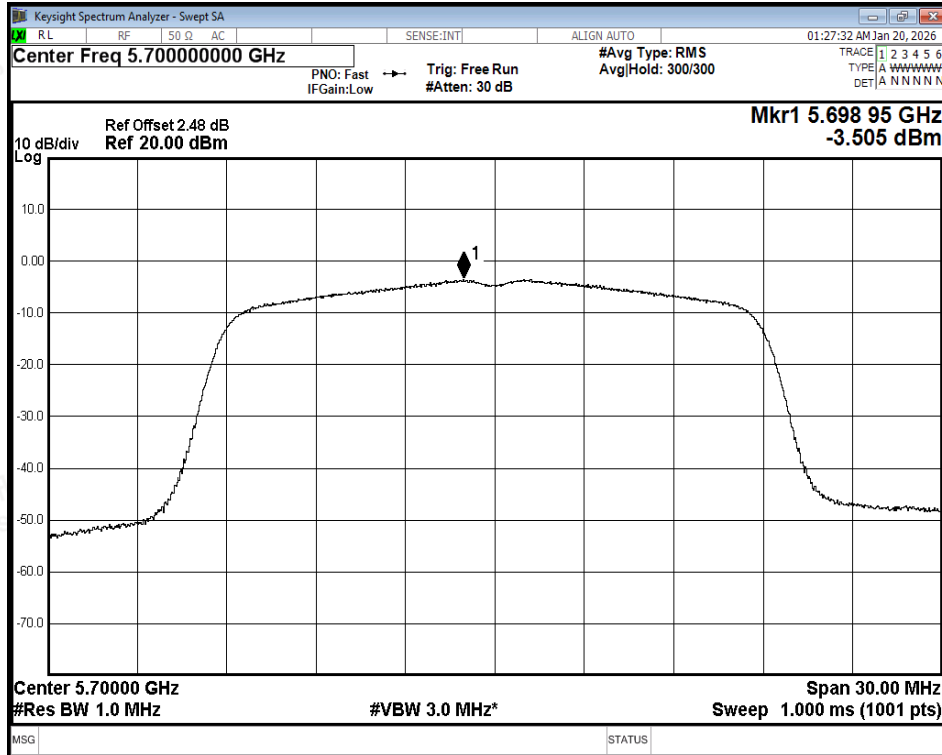


PSD NVNT n20 5500MHz Ant2

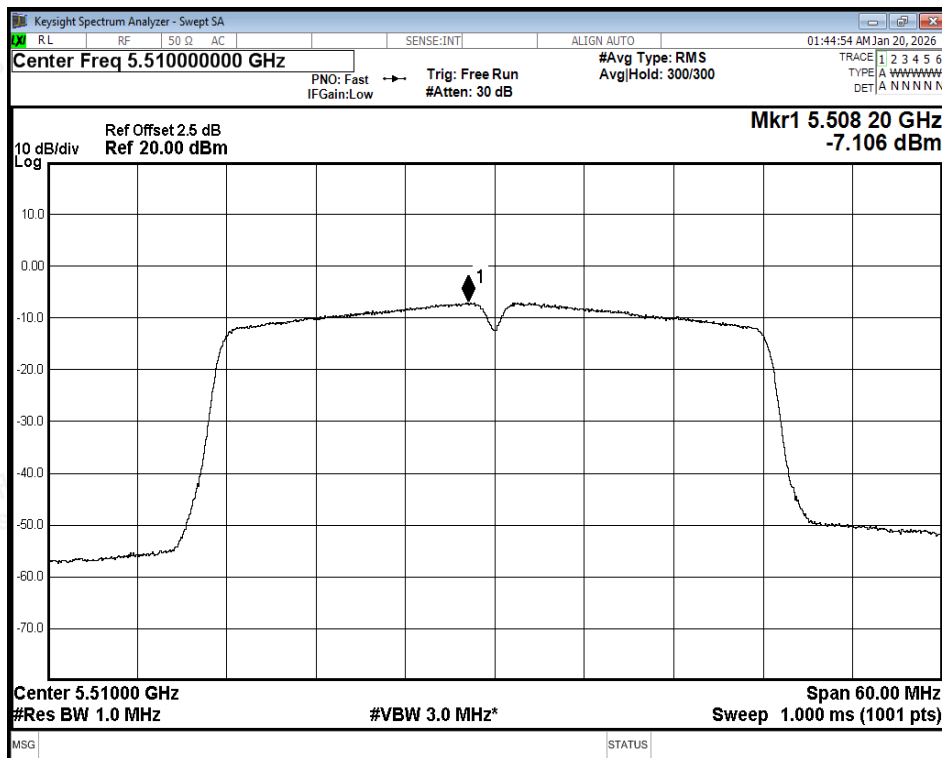


PSD NVNT n20 5580MHz Ant2



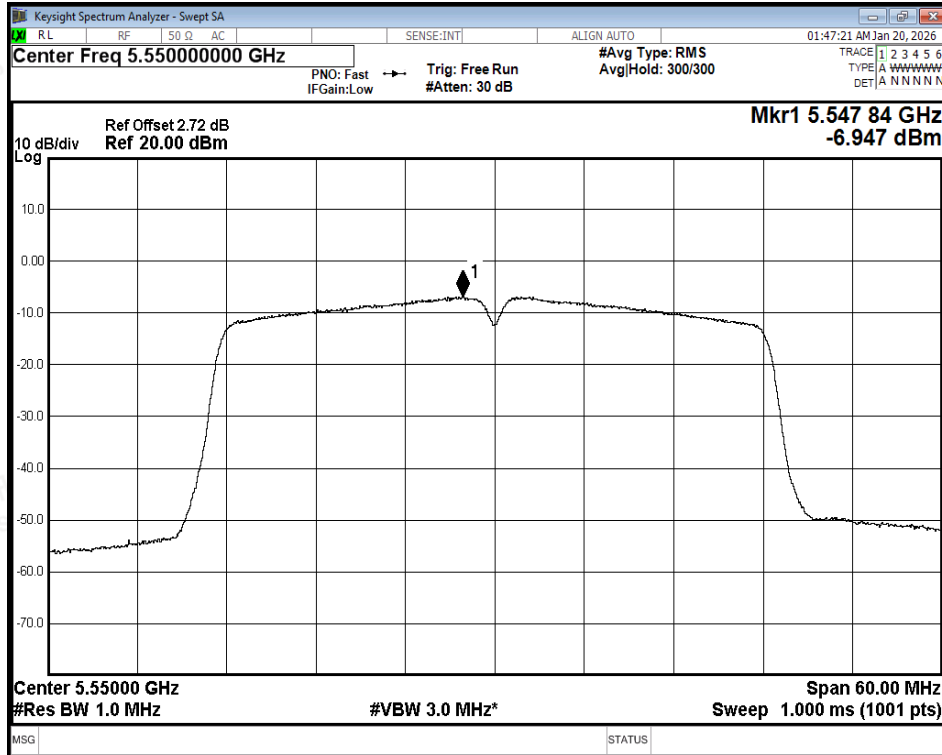


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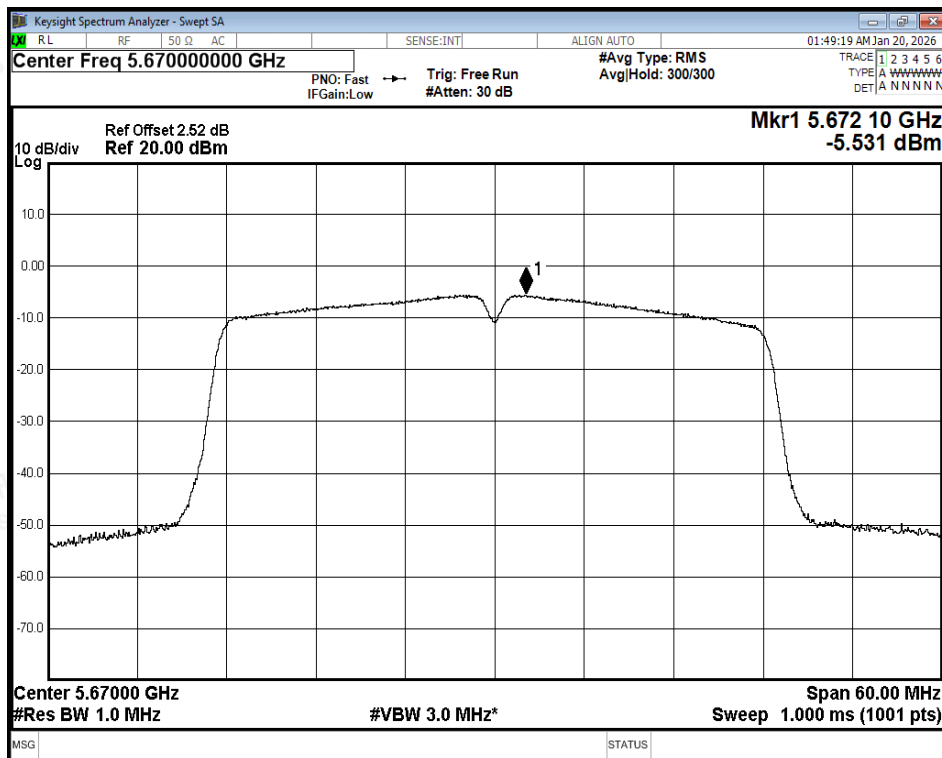


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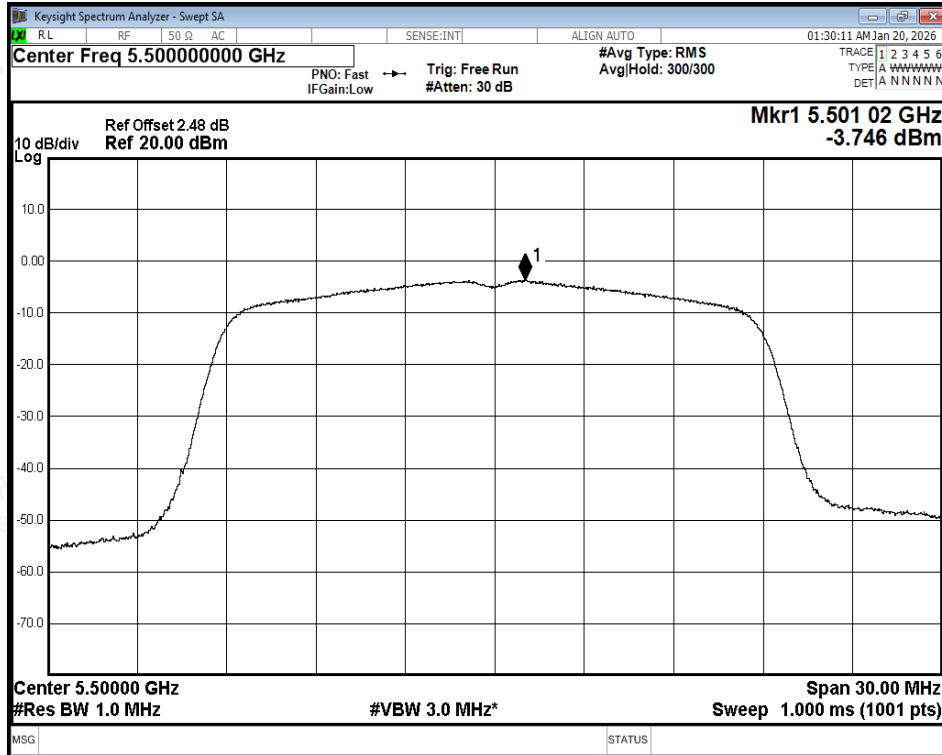


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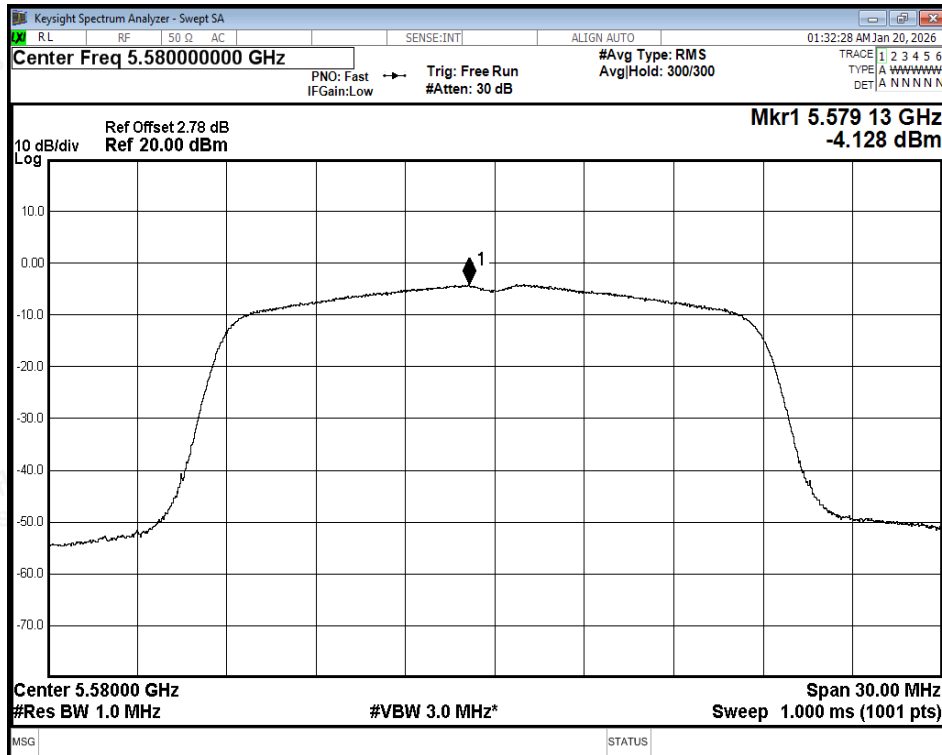


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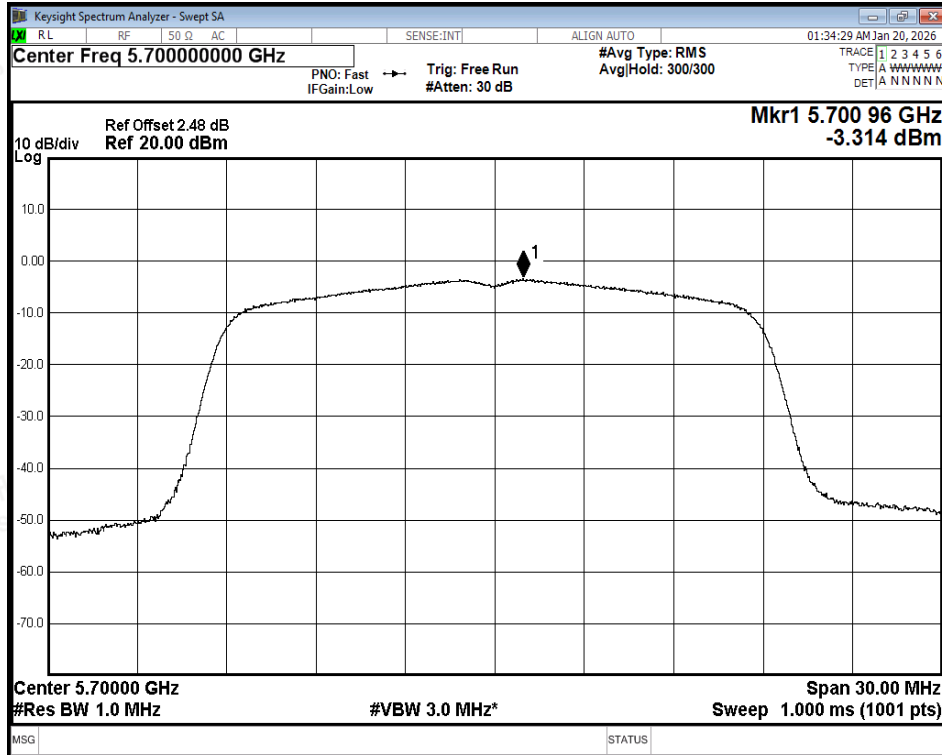


PSD NVNT ac20 5500MHz Ant2

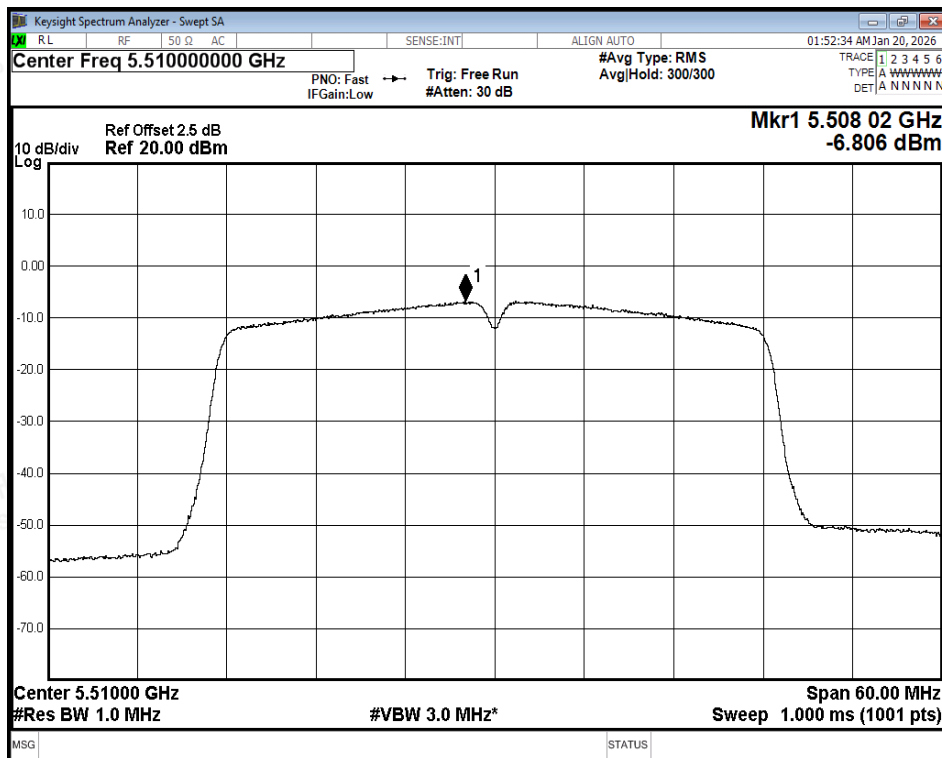


PSD NVNT ac20 5580MHz Ant2



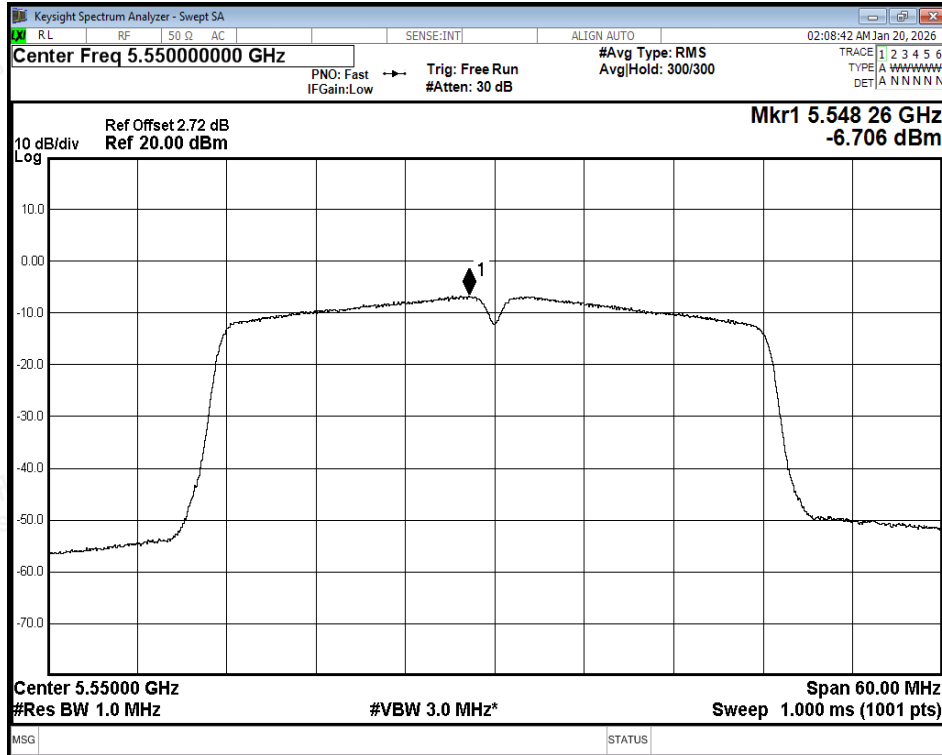


PSD NVNT ac20 5700MHz Ant2

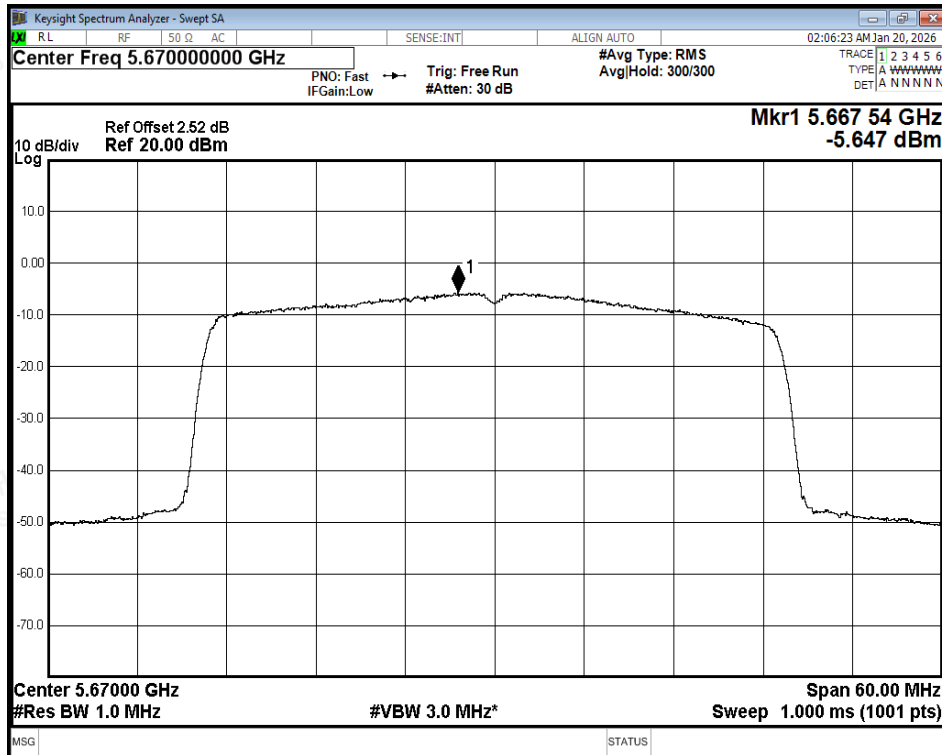


PSD NVNT ac40 5510MHz Ant2



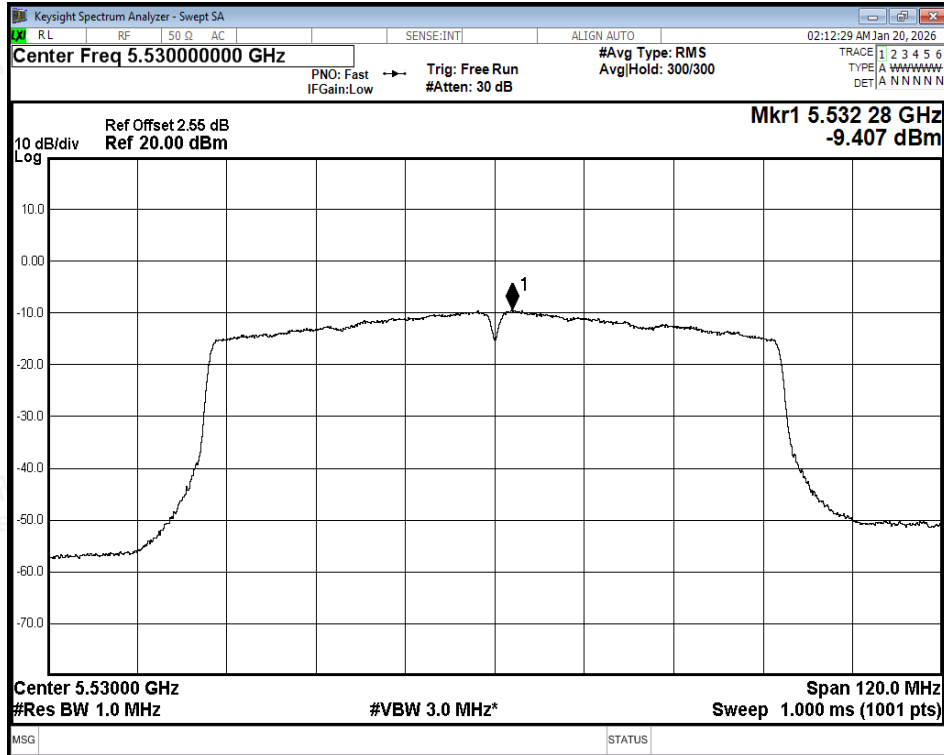


PSD NVNT ac40 5550MHz Ant2

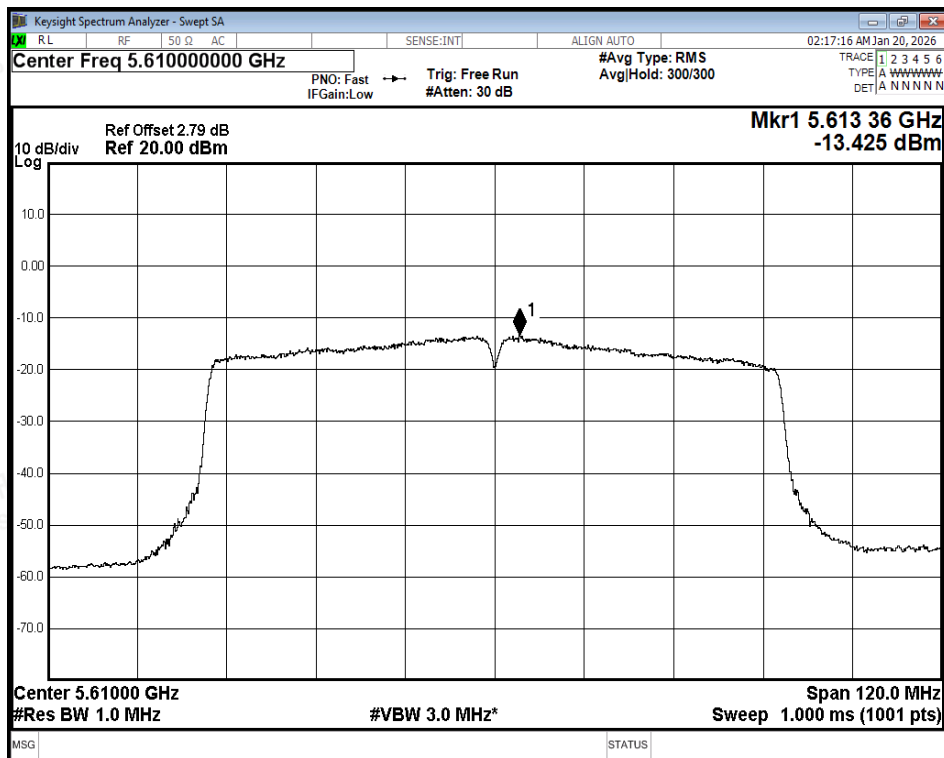


PSD NVNT ac40 5670MHz Ant2



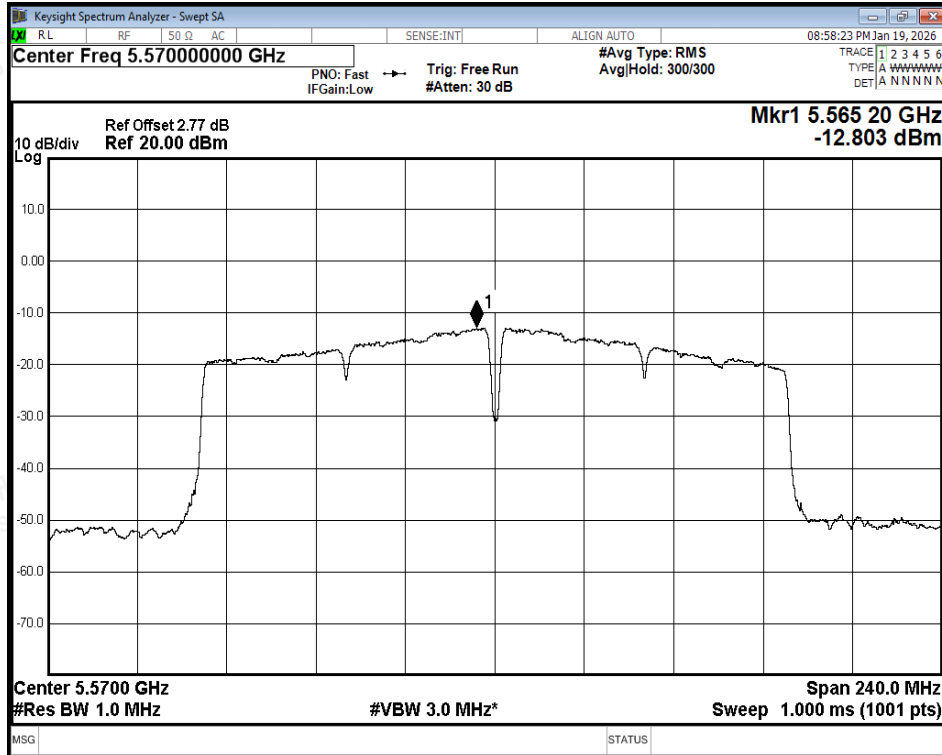


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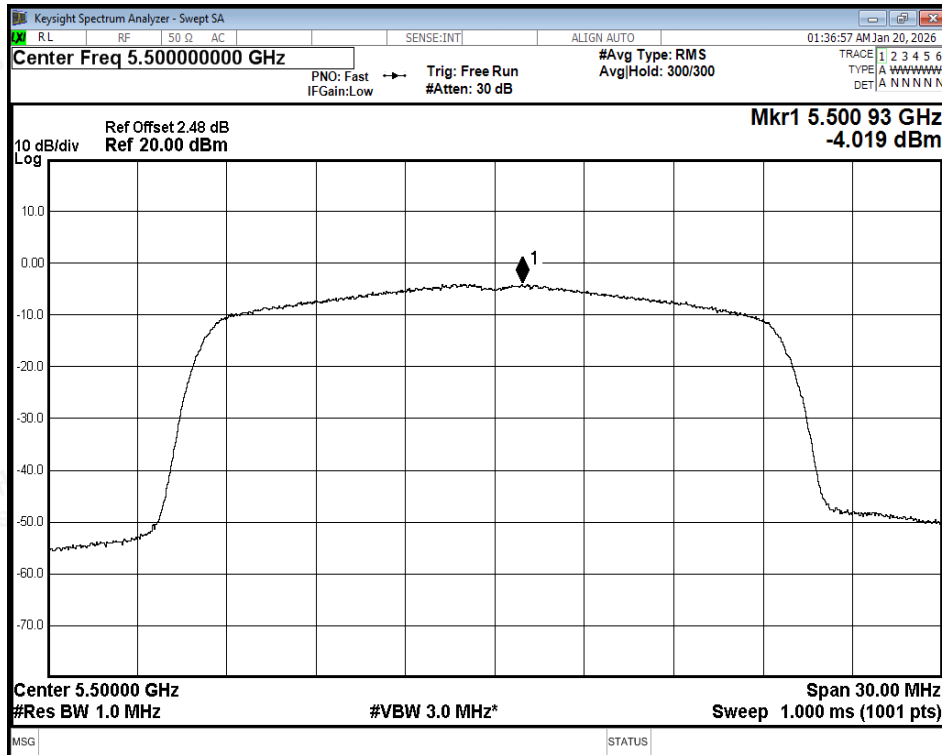


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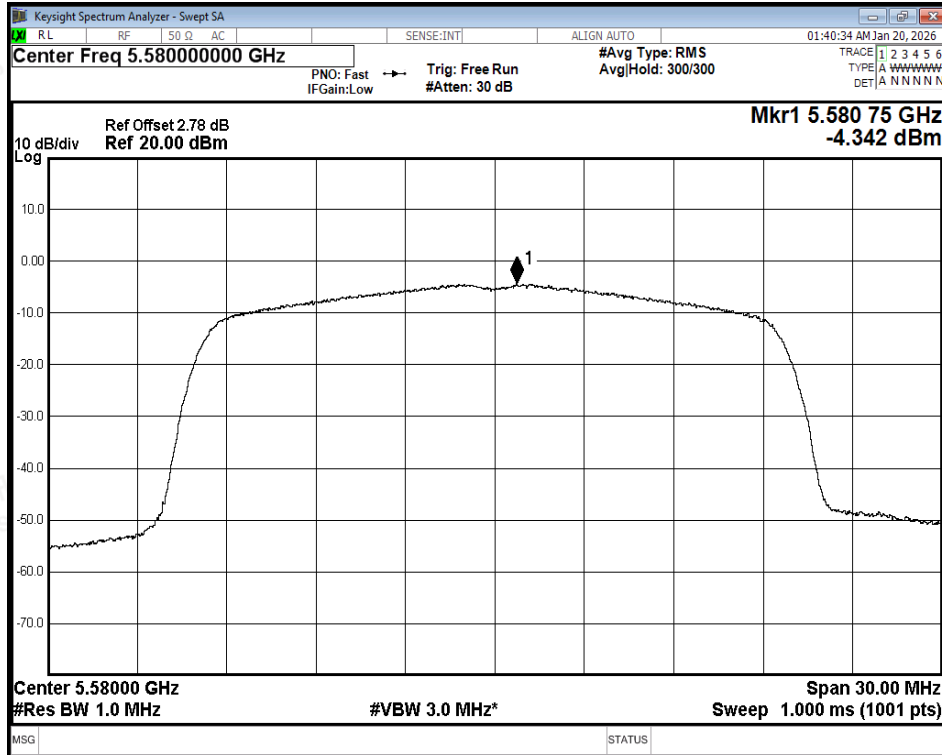


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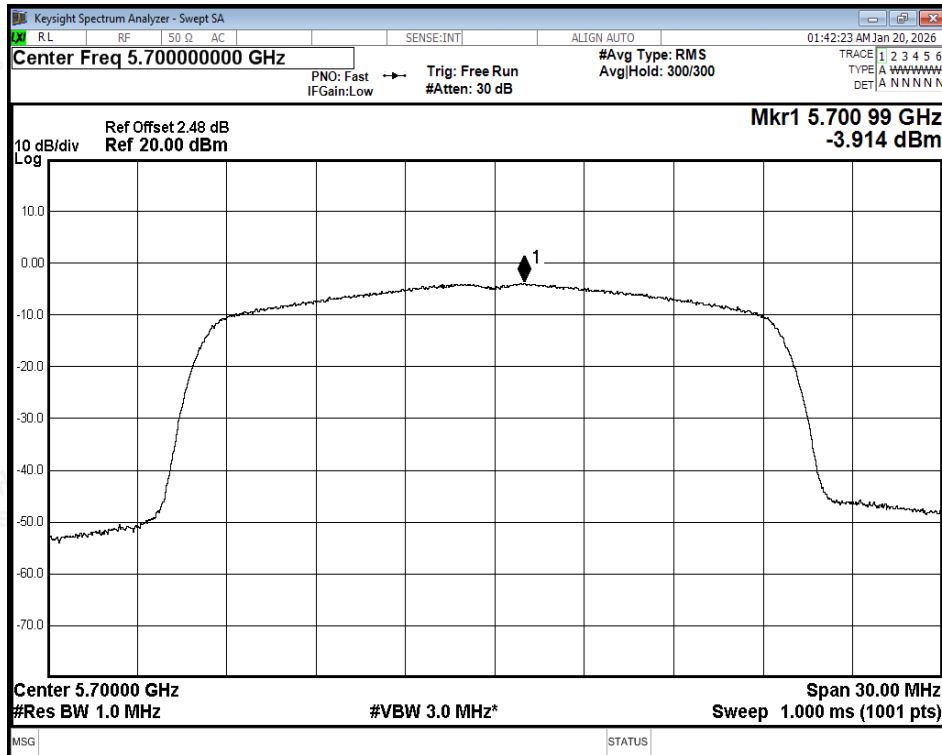


PSD NVNT ax20 5500MHz Ant2



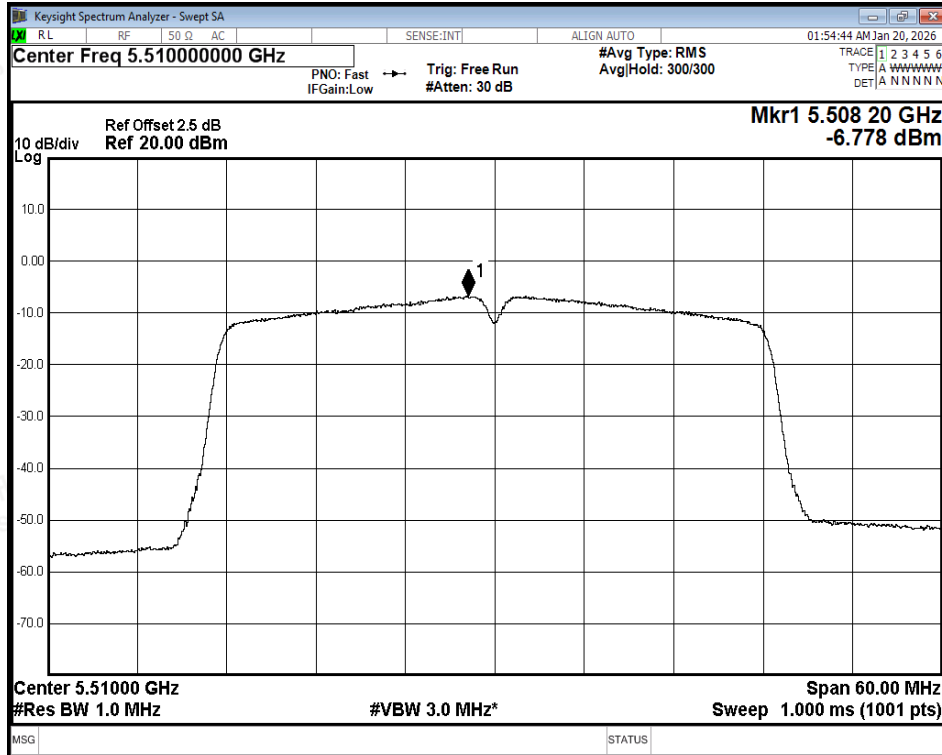


PSD NVNT ax20 5580MHz Ant2

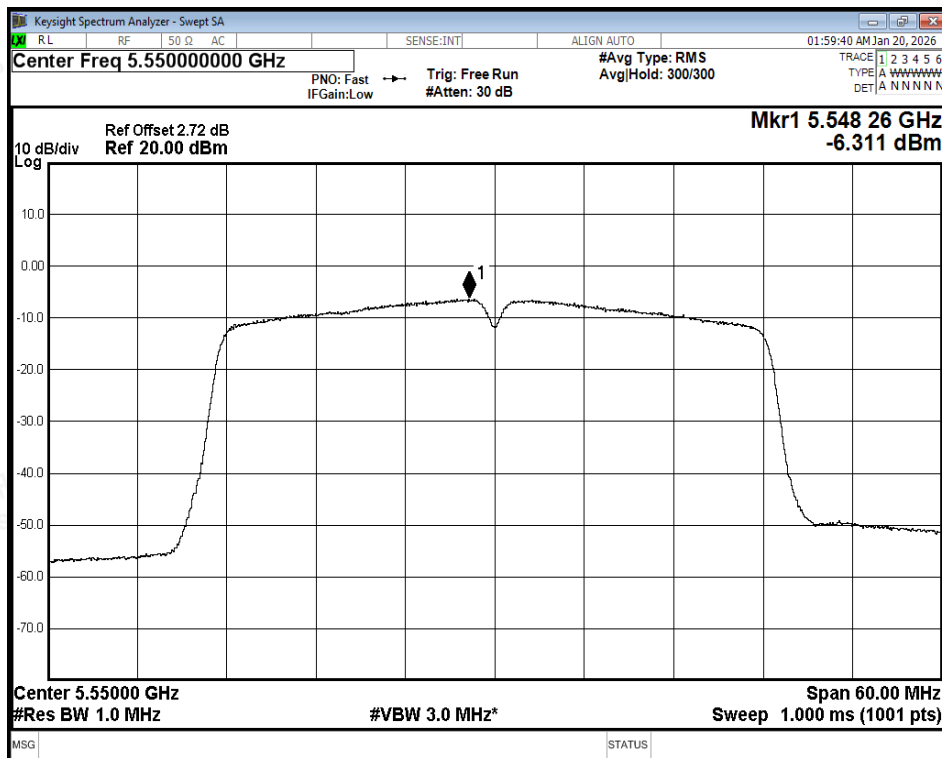


PSD NVNT ax20 5700MHz Ant2



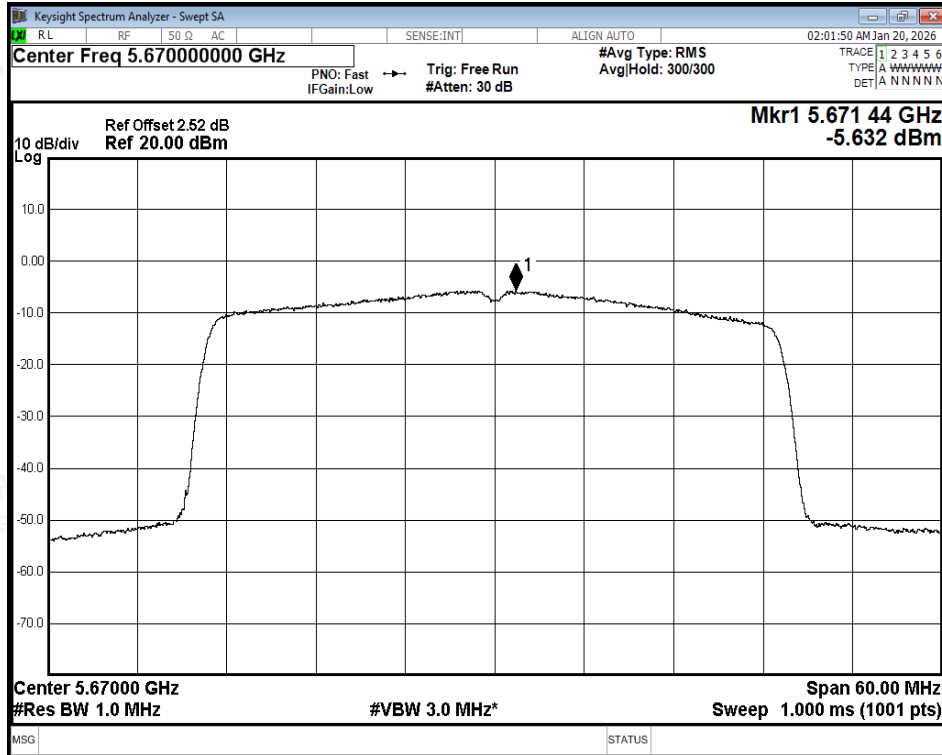


PSD NVNT ax40 5510MHz Ant2

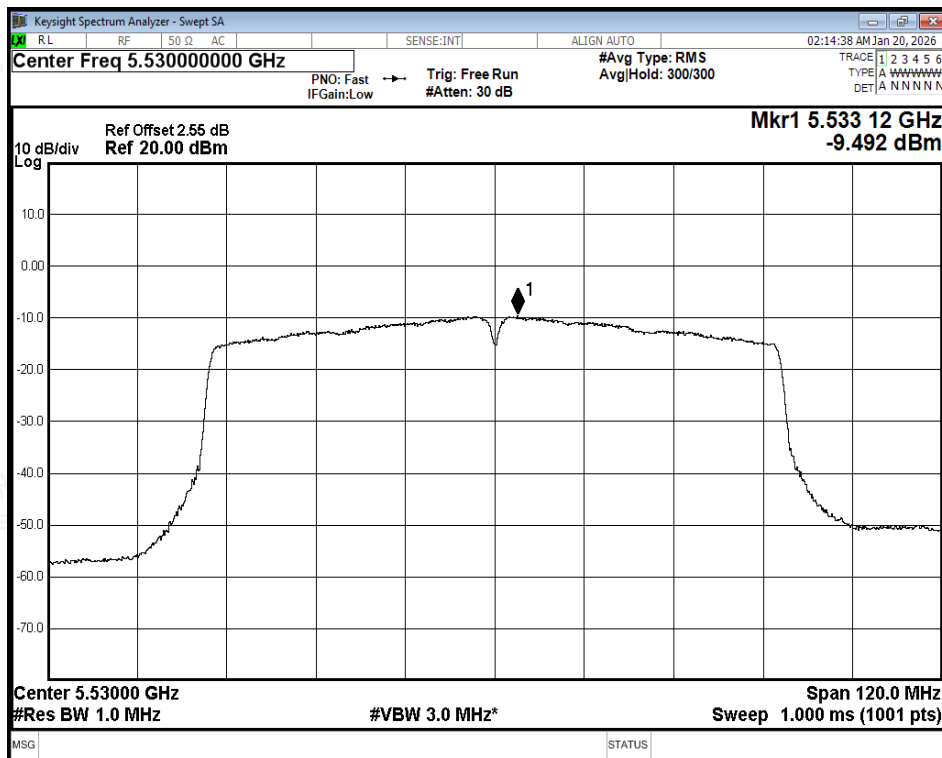


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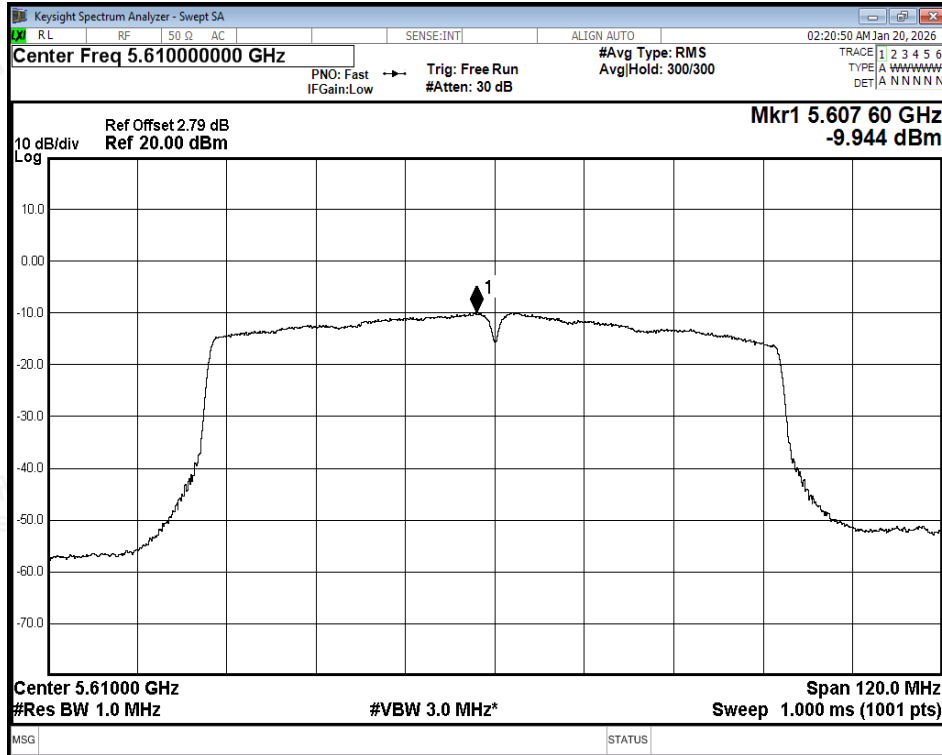


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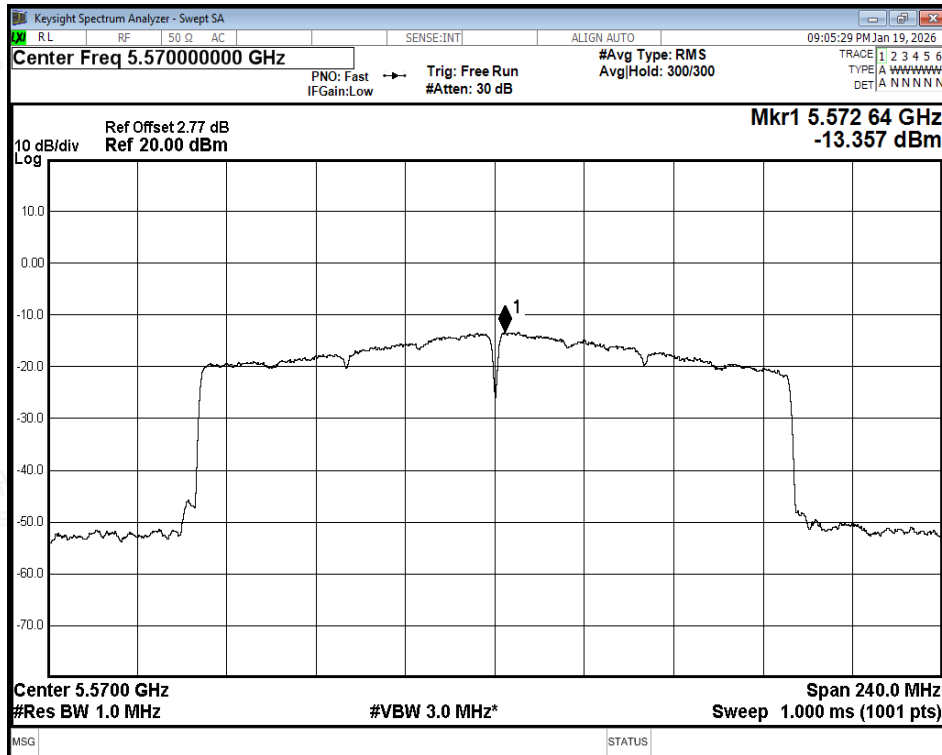


PSD NVNT ax80 5530MHz Ant2





PSD NVNT ax80 5610MHz Ant2



PSD NVNT ax160 5570MHz Ant2





D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5500	Ant1	5460	-49.11	2	48.12	Peak	68.2	Pass
NVNT	a	5500	Ant1	5460	-57.19	2	40.04	Average	54	Pass
NVNT	a	5500	Ant1	5465.4	-48.26	2	48.97	Peak	68.2	Pass
NVNT	a	5500	Ant1	5468.8	-56.71	2	40.52	Average	54	Pass
NVNT	a	5500	Ant1	5470	-49.14	2	48.09	Peak	68.2	Pass
NVNT	a	5500	Ant1	5470	-56.82	2	40.41	Average	54	Pass
NVNT	a	5700	Ant1	5725	-44.39	2	52.84	Peak	68.2	Pass
NVNT	a	5700	Ant1	5725	-52.12	2	45.11	Average	54	Pass
NVNT	a	5700	Ant1	5725.4	-38.43	2	58.8	Peak	68.2	Pass
NVNT	a	5700	Ant1	5725	-52.12	2	45.11	Average	54	Pass
NVNT	a	5700	Ant1	5735	-48.4	2	48.83	Peak	68.2	Pass
NVNT	a	5700	Ant1	5735	-56.13	2	41.1	Average	54	Pass
NVNT	n20	5500	Ant1	5460	-48.98	2	48.25	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5460	-57.04	2	40.19	Average	54	Pass
NVNT	n20	5500	Ant1	5466.4	-47.88	2	49.35	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5468.6	-56.49	2	40.74	Average	54	Pass
NVNT	n20	5500	Ant1	5470	-49	2	48.23	Peak	68.2	Pass
NVNT	n20	5500	Ant1	5470	-56.73	2	40.5	Average	54	Pass
NVNT	n20	5700	Ant1	5725	-39.7	2	57.53	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5725	-52.53	2	44.7	Average	54	Pass
NVNT	n20	5700	Ant1	5725.4	-37.41	2	59.82	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5725	-52.53	2	44.7	Average	54	Pass
NVNT	n20	5700	Ant1	5735	-47.63	2	49.6	Peak	68.2	Pass
NVNT	n20	5700	Ant1	5735	-56.4	2	40.83	Average	54	Pass
NVNT	n40	5510	Ant1	5460	-49.74	2	47.49	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5460	-56.12	2	41.11	Average	54	Pass
NVNT	n40	5510	Ant1	5462.4	-46.97	2	50.26	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5469.8	-55.34	2	41.89	Average	54	Pass
NVNT	n40	5510	Ant1	5470	-47.56	2	49.67	Peak	68.2	Pass
NVNT	n40	5510	Ant1	5470	-55.52	2	41.71	Average	54	Pass
NVNT	n40	5670	Ant1	5725	-41.05	2	56.18	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5725	-52.05	2	45.18	Average	54	Pass
NVNT	n40	5670	Ant1	5732	-36.08	2	61.15	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5725	-52.05	2	45.18	Average	54	Pass
NVNT	n40	5670	Ant1	5735	-37.47	2	59.76	Peak	68.2	Pass
NVNT	n40	5670	Ant1	5735	-53.31	2	43.92	Average	54	Pass
NVNT	ac20	5500	Ant1	5460	-49.1	2	48.13	Peak	68.2	Pass



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NVNT	ac20	5500	Ant1	5460	-57.08	2	40.15	Average	54	Pass
NVNT	ac20	5500	Ant1	5468.8	-47.58	2	49.65	Peak	68.2	Pass
NVNT	ac20	5500	Ant1	5464	-56.57	2	40.66	Average	54	Pass
NVNT	ac20	5500	Ant1	5470	-49.99	2	47.24	Peak	68.2	Pass
NVNT	ac20	5500	Ant1	5470	-56.77	2	40.46	Average	54	Pass
NVNT	ac20	5700	Ant1	5725	-41.12	2	56.11	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5725	-53.42	2	43.81	Average	54	Pass
NVNT	ac20	5700	Ant1	5725.2	-37.02	2	60.21	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5725	-53.42	2	43.81	Average	54	Pass
NVNT	ac20	5700	Ant1	5735	-48.45	2	48.78	Peak	68.2	Pass
NVNT	ac20	5700	Ant1	5735	-56.42	2	40.81	Average	54	Pass
NVNT	ac40	5510	Ant1	5460	-48.17	2	49.06	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5460	-56.44	2	40.79	Average	54	Pass
NVNT	ac40	5510	Ant1	5463.6	-47.28	2	49.95	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5468.4	-55.29	2	41.94	Average	54	Pass
NVNT	ac40	5510	Ant1	5470	-49.84	2	47.39	Peak	68.2	Pass
NVNT	ac40	5510	Ant1	5470	-55.51	2	41.72	Average	54	Pass
NVNT	ac40	5670	Ant1	5725	-42.96	2	54.27	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5725	-53.83	2	43.4	Average	54	Pass
NVNT	ac40	5670	Ant1	5727.4	-41.15	2	56.08	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5725	-53.83	2	43.4	Average	54	Pass
NVNT	ac40	5670	Ant1	5735	-46.11	2	51.12	Peak	68.2	Pass
NVNT	ac40	5670	Ant1	5735	-55.16	2	42.07	Average	54	Pass
NVNT	ac80	5530	Ant1	5460	-46.6	2	50.63	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5460	-54.6	2	42.63	Average	54	Pass
NVNT	ac80	5530	Ant1	5465	-44.91	2	52.32	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5468.8	-53.84	2	43.39	Average	54	Pass
NVNT	ac80	5530	Ant1	5470	-46.19	2	51.04	Peak	68.2	Pass
NVNT	ac80	5530	Ant1	5470	-53.88	2	43.35	Average	54	Pass
NVNT	ac80	5610	Ant1	5725	-50.1	2	47.13	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5725	-56.45	2	40.78	Average	54	Pass
NVNT	ac80	5610	Ant1	5730.695	-47.8	2	49.43	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5731.72	-55.99	2	41.24	Average	54	Pass
NVNT	ac80	5610	Ant1	5735	-50.28	2	46.95	Peak	68.2	Pass
NVNT	ac80	5610	Ant1	5735	-56.24	2	40.99	Average	54	Pass
NVNT	ac160	5570	Ant1	5725	-50.92	2	46.31	Peak	68.2	Pass
NVNT	ac160	5570	Ant1	5725	-56.36	2	40.87	Average	54	Pass
NVNT	ac160	5570	Ant1	5726.55	-48.73	2	48.5	Peak	68.2	Pass
NVNT	ac160	5570	Ant1	5728.175	-55.86	2	41.37	Average	54	Pass
NVNT	ac160	5570	Ant1	5735	-49.34	2	47.89	Peak	68.2	Pass
NVNT	ac160	5570	Ant1	5735	-56.49	2	40.74	Average	54	Pass



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NVNT	ac160	5570	Ant1	5460	-50.76	2	46.47	Peak	68.2	Pass
NVNT	ac160	5570	Ant1	5460	-56.2	2	41.03	Average	54	Pass
NVNT	ac160	5570	Ant1	5464.32	-48.33	2	48.9	Peak	68.2	Pass
NVNT	ac160	5570	Ant1	5468.37	-55.18	2	42.05	Average	54	Pass
NVNT	ac160	5570	Ant1	5470	-49.7	2	47.53	Peak	68.2	Pass
NVNT	ac160	5570	Ant1	5470	-55.95	2	41.28	Average	54	Pass
NVNT	ax20	5500	Ant1	5460	-47.8	2	49.43	Peak	68.2	Pass
NVNT	ax20	5500	Ant1	5460	-57.15	2	40.08	Average	54	Pass
NVNT	ax20	5500	Ant1	5468	-47.76	2	49.47	Peak	68.2	Pass
NVNT	ax20	5500	Ant1	5468	-56.46	2	40.77	Average	54	Pass
NVNT	ax20	5500	Ant1	5470	-49.55	2	47.68	Peak	68.2	Pass
NVNT	ax20	5500	Ant1	5470	-56.61	2	40.62	Average	54	Pass
NVNT	ax20	5700	Ant1	5725	-40	2	57.23	Peak	68.2	Pass
NVNT	ax20	5700	Ant1	5725	-50.71	2	46.52	Average	54	Pass
NVNT	ax20	5700	Ant1	5728	-33.98	2	63.25	Peak	68.2	Pass
NVNT	ax20	5700	Ant1	5725	-50.71	2	46.52	Average	54	Pass
NVNT	ax20	5700	Ant1	5735	-47.48	2	49.75	Peak	68.2	Pass
NVNT	ax20	5700	Ant1	5735	-56.15	2	41.08	Average	54	Pass
NVNT	ax40	5510	Ant1	5460	-50.41	2	46.82	Peak	68.2	Pass
NVNT	ax40	5510	Ant1	5460	-56.3	2	40.93	Average	54	Pass
NVNT	ax40	5510	Ant1	5463.2	-46.64	2	50.59	Peak	68.2	Pass
NVNT	ax40	5510	Ant1	5469.2	-55.49	2	41.74	Average	54	Pass
NVNT	ax40	5510	Ant1	5470	-48.1	2	49.13	Peak	68.2	Pass
NVNT	ax40	5510	Ant1	5470	-55.7	2	41.53	Average	54	Pass
NVNT	ax40	5670	Ant1	5725	-38.79	2	58.44	Peak	68.2	Pass
NVNT	ax40	5670	Ant1	5725	-51.48	2	45.75	Average	54	Pass
NVNT	ax40	5670	Ant1	5726	-37.81	2	59.42	Peak	68.2	Pass
NVNT	ax40	5670	Ant1	5725	-51.48	2	45.75	Average	54	Pass
NVNT	ax40	5670	Ant1	5735	-44.25	2	52.98	Peak	68.2	Pass
NVNT	ax40	5670	Ant1	5735	-54.27	2	42.96	Average	54	Pass
NVNT	ax80	5530	Ant1	5460	-46.63	2	50.6	Peak	68.2	Pass
NVNT	ax80	5530	Ant1	5460	-52.39	2	44.84	Average	54	Pass
NVNT	ax80	5530	Ant1	5468	-41.87	2	55.36	Peak	68.2	Pass
NVNT	ax80	5530	Ant1	5462.8	-51.04	2	46.19	Average	54	Pass
NVNT	ax80	5530	Ant1	5470	-43.48	2	53.75	Peak	68.2	Pass
NVNT	ax80	5530	Ant1	5470	-52.04	2	45.19	Average	54	Pass
NVNT	ax80	5610	Ant1	5725	-49.25	2	47.98	Peak	68.2	Pass
NVNT	ax80	5610	Ant1	5725	-56.4	2	40.83	Average	54	Pass
NVNT	ax80	5610	Ant1	5728.235	-47.88	2	49.35	Peak	68.2	Pass
NVNT	ax80	5610	Ant1	5733.77	-56.01	2	41.22	Average	54	Pass
NVNT	ax80	5610	Ant1	5735	-49.04	2	48.19	Peak	68.2	Pass



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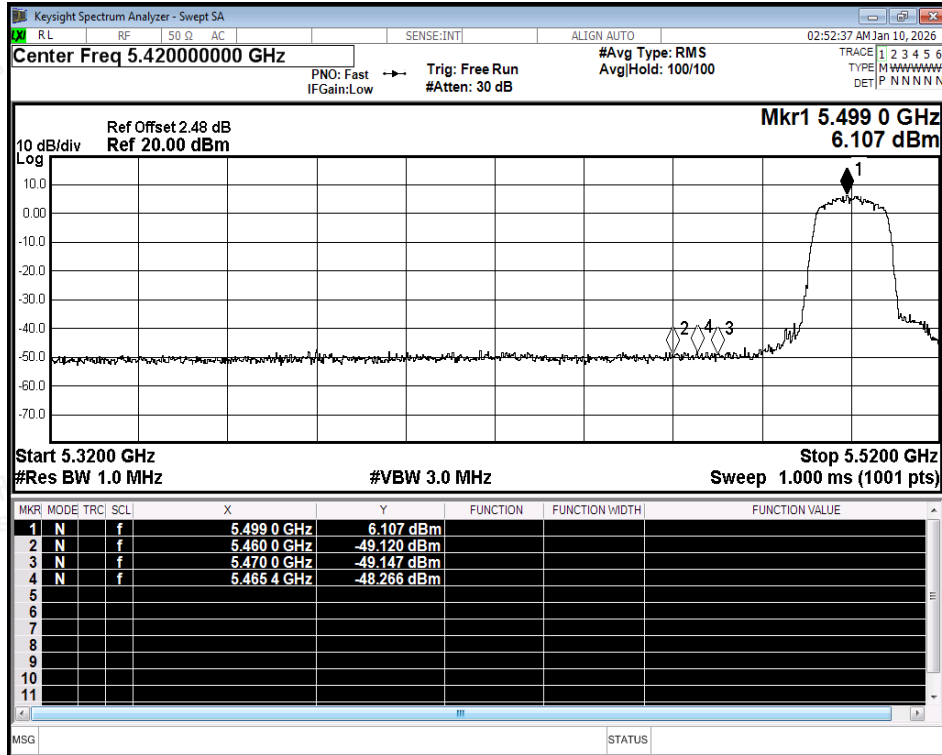
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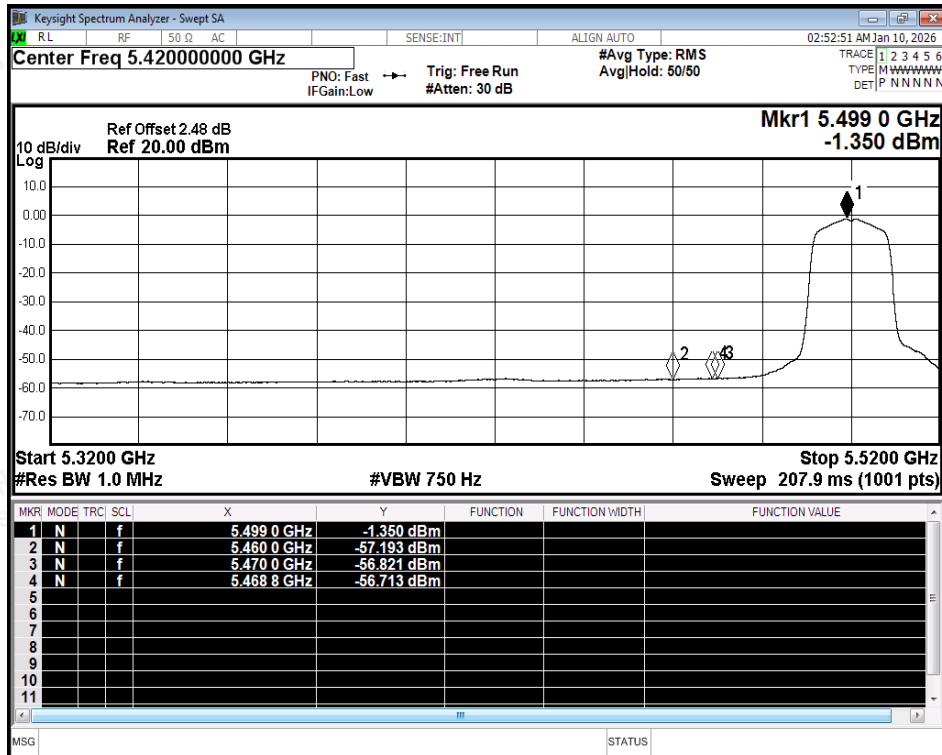


NVNT	ax80	5610	Ant1	5735	-56.63	2	40.6	Average	54	Pass
NVNT	ax160	5570	Ant1	5725	-51.14	2	46.09	Peak	68.2	Pass
NVNT	ax160	5570	Ant1	5725	-56.1	2	41.13	Average	54	Pass
NVNT	ax160	5570	Ant1	5727.525	-48.37	2	48.86	Peak	68.2	Pass
NVNT	ax160	5570	Ant1	5729.15	-55.99	2	41.24	Average	54	Pass
NVNT	ax160	5570	Ant1	5735	-50.26	2	46.97	Peak	68.2	Pass
NVNT	ax160	5570	Ant1	5735	-56.36	2	40.87	Average	54	Pass
NVNT	ax160	5570	Ant1	5460	-51.08	2	46.15	Peak	68.2	Pass
NVNT	ax160	5570	Ant1	5460	-56.03	2	41.2	Average	54	Pass
NVNT	ax160	5570	Ant1	5467.56	-47.23	2	50	Peak	68.2	Pass
NVNT	ax160	5570	Ant1	5466.21	-55.33	2	41.9	Average	54	Pass
NVNT	ax160	5570	Ant1	5470	-50.38	2	46.85	Peak	68.2	Pass
NVNT	ax160	5570	Ant1	5470	-55.83	2	41.4	Average	54	Pass



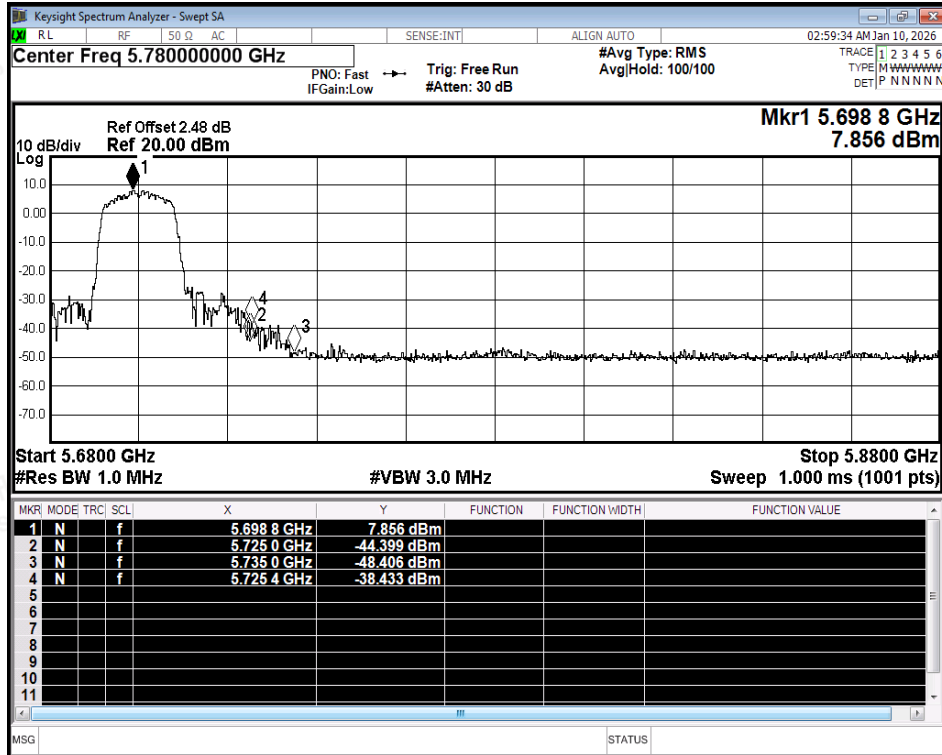


Restrict Band NVNT a 5500MHz Ant1 Peak

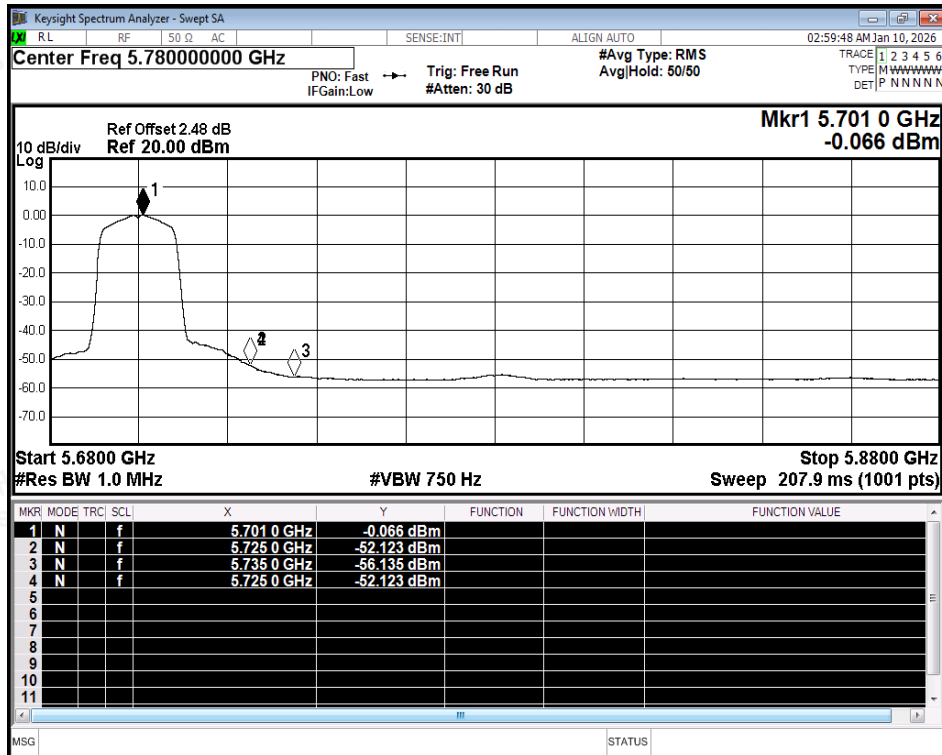


Restrict Band NVNT a 5500MHz Ant1 Average





Restrict Band NVNT a 5700MHz Ant1 Peak



Restrict Band NVNT a 5700MHz Ant1 Average

