

	6985	Ant3	Center	6590	-63.35	2.00	-	3.91	-62.00	-58.09	OFF	PASS
				6665	-70.77	2.00	-	3.91	-62.00	-58.09	ON	---
				6665	-67.34	2.00	-	3.91	-62.00	-58.09	Minimal	---
				6665	-63.32	2.00	-	3.91	-62.00	-58.09	OFF	PASS
		Ant3	High	6740	-74.23	2.00	-	3.91	-62.00	-58.09	ON	---
				6740	-66.75	2.00	-	3.91	-62.00	-58.09	Minimal	---
				6740	-63.35	2.00	-	3.91	-62.00	-58.09	OFF	PASS
		Ant3	Low	6910	-72.15	2.00	-	3.91	-62.00	-58.09	ON	---
				6910	-68.48	2.00	-	3.91	-62.00	-58.09	Minimal	---
				6910	-63.47	2.00	-	3.91	-62.00	-58.09	OFF	PASS
		Ant3	Center	6985	-72.83	2.00	-	3.91	-62.00	-58.09	ON	---
				6985	-65.64	2.00	-	3.91	-62.00	-58.09	Minimal	---
				6985	-63.56	2.00	-	3.91	-62.00	-58.09	OFF	PASS
	6985	Ant3	High	7060	-73.41	2.00	-	3.91	-62.00	-58.09	ON	---
				7060	-66.31	2.00	-	3.91	-62.00	-58.09	Minimal	---
				7060	-63.51	2.00	-	3.91	-62.00	-58.09	OFF	PASS
				7060	-63.51	2.00	-	3.91	-62.00	-58.09	OFF	PASS

Note 1: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Pmeas is measured AWGN signal level.

Loss is the total path losses of cables / attenuators / couplers between measurement point and EUT injection point. If the measurement is made at the end of the cable that connects to the EUT antenna port then this is 0dBm.

For MIMO testing, we select two RF lines with similar line losses to connect the EUT and take the minimum value in the test frequency band for calculation to ensure strict compliance with the test requirements.

Pinj is the power injected at EUT's antenna connect port.

Adjusted limit is the FCC limit (-62dBm) corrected for the EUT antenna gain (= -62dBm – grant gain)

Gant = EUT antenna gain (for a MIMO system it is the lowest gain across all antennas)

Note 2: The EUT does not support channel puncturing.

Note 3: The EUT does not support channel bandwidth reduction.

Note 4: Test is performed by starting at a level much lower than required detection level and then increased based on KDB 987594.

Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Test Number	Number Detected	Result (%)	Limit (%)	Verdict
AX20	6135	Ant3	Center	6135	10	10	100	90	Pass
AX20	6455	Ant3	Center	6455	10	9	90	90	Pass
AX20	6695	Ant3	Center	6695	10	9	90	90	Pass
AX20	7015	Ant3	Center	7015	10	9	90	90	Pass
AX160	6185	Ant3	Low	6110	10	10	100	90	Pass
AX160	6185	Ant3	Center	6185	10	9	90	90	Pass
AX160	6185	Ant3	High	6260	10	10	100	90	Pass
AX160	6505	Ant3	Low	6430	10	10	100	90	Pass
AX160	6505	Ant3	Center	6505	10	10	100	90	Pass
AX160	6505	Ant3	High	6580	10	10	100	90	Pass
AX160	6665	Ant3	Low	6590	10	10	100	90	Pass
AX160	6665	Ant3	Center	6665	10	10	100	90	Pass
AX160	6665	Ant3	High	6740	10	9	90	90	Pass
AX160	6985	Ant3	Low	6910	10	10	100	90	Pass

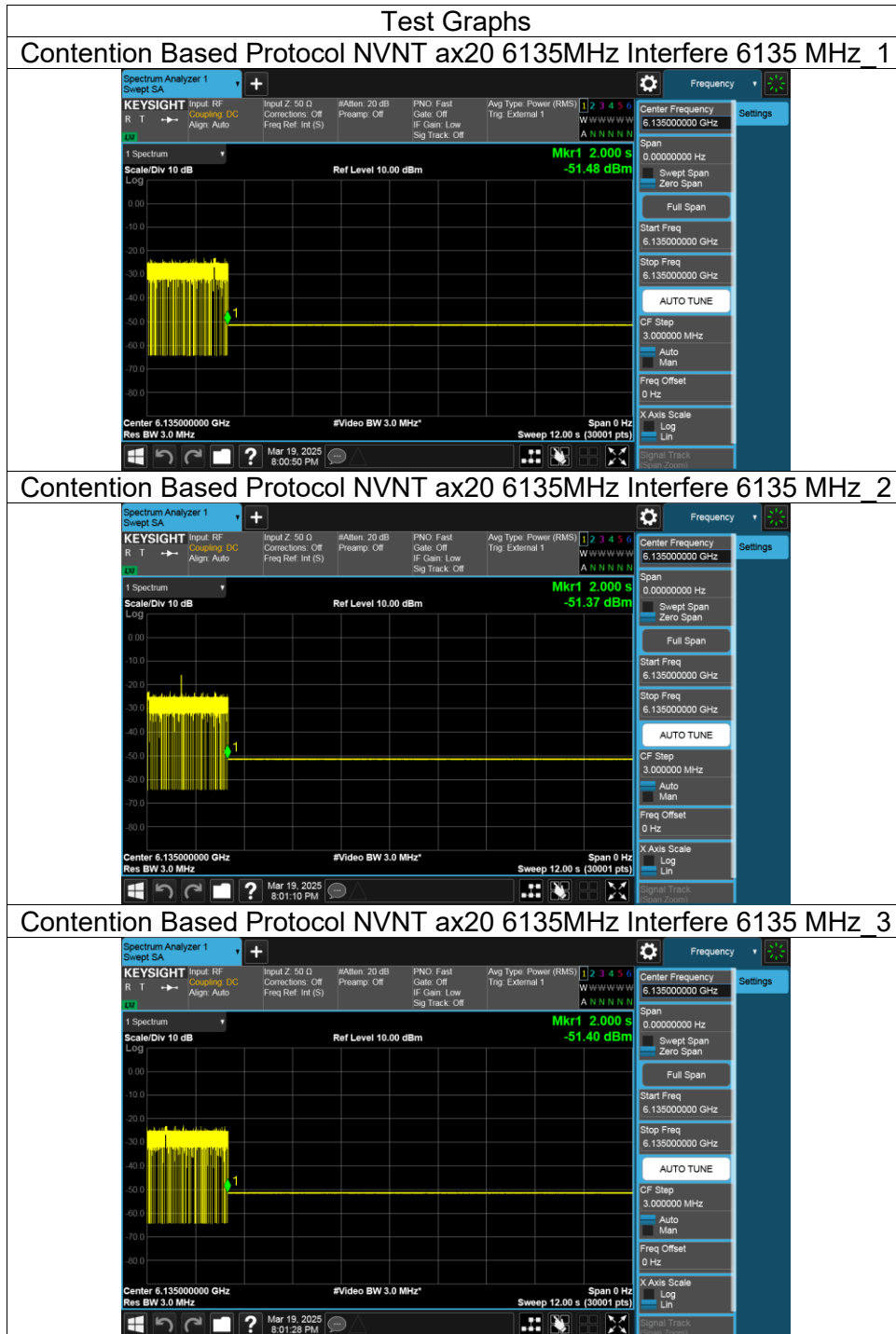
AX160	6985	Ant3	Center	6985	10	9	90	90	Pass
AX160	6985	Ant3	High	7060	10	10	100	90	Pass

Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Test Time	Is Detected	Verdict
AX20	6135	Ant3	Center	6135	1	Yes	Pass
AX20	6135	Ant3	Center	6135	2	Yes	Pass
AX20	6135	Ant3	Center	6135	3	Yes	Pass
AX20	6135	Ant3	Center	6135	4	Yes	Pass
AX20	6135	Ant3	Center	6135	5	Yes	Pass
AX20	6135	Ant3	Center	6135	6	Yes	Pass
AX20	6135	Ant3	Center	6135	7	Yes	Pass
AX20	6135	Ant3	Center	6135	8	Yes	Pass
AX20	6135	Ant3	Center	6135	9	Yes	Pass
AX20	6135	Ant3	Center	6135	10	Yes	Pass
AX20	6455	Ant3	Center	6455	1	Yes	Pass
AX20	6455	Ant3	Center	6455	2	Yes	Pass
AX20	6455	Ant3	Center	6455	3	Yes	Pass
AX20	6455	Ant3	Center	6455	4	Yes	Pass
AX20	6455	Ant3	Center	6455	5	Yes	Pass
AX20	6455	Ant3	Center	6455	6	Yes	Pass
AX20	6455	Ant3	Center	6455	7	Yes	Pass
AX20	6455	Ant3	Center	6455	8	Yes	Pass
AX20	6455	Ant3	Center	6455	9	No	Fail
AX20	6455	Ant3	Center	6455	10	Yes	Pass
AX20	6695	Ant3	Center	6695	1	Yes	Pass
AX20	6695	Ant3	Center	6695	2	Yes	Pass
AX20	6695	Ant3	Center	6695	3	No	Fail
AX20	6695	Ant3	Center	6695	4	Yes	Pass
AX20	6695	Ant3	Center	6695	5	Yes	Pass
AX20	6695	Ant3	Center	6695	6	Yes	Pass
AX20	6695	Ant3	Center	6695	7	Yes	Pass
AX20	6695	Ant3	Center	6695	8	Yes	Pass
AX20	6695	Ant3	Center	6695	9	Yes	Pass
AX20	6695	Ant3	Center	6695	10	Yes	Pass
AX20	7015	Ant3	Center	7015	1	Yes	Pass
AX20	7015	Ant3	Center	7015	2	Yes	Pass
AX20	7015	Ant3	Center	7015	4	Yes	Pass
AX20	7015	Ant3	Center	7015	5	No	Fail
AX20	7015	Ant3	Center	7015	6	Yes	Pass
AX20	7015	Ant3	Center	7015	7	Yes	Pass
AX20	7015	Ant3	Center	7015	8	Yes	Pass
AX20	7015	Ant3	Center	7015	9	Yes	Pass
AX20	7015	Ant3	Center	7015	10	Yes	Pass
AX160	6185	Ant3	Low	6110	1	Yes	Pass
AX160	6185	Ant3	Low	6110	2	Yes	Pass
AX160	6185	Ant3	Low	6110	3	Yes	Pass
AX160	6185	Ant3	Low	6110	4	Yes	Pass
AX160	6185	Ant3	Low	6110	5	Yes	Pass
AX160	6185	Ant3	Low	6110	6	Yes	Pass
AX160	6185	Ant3	Low	6110	7	Yes	Pass
AX160	6185	Ant3	Low	6110	8	Yes	Pass
AX160	6185	Ant3	Low	6110	9	Yes	Pass
AX160	6185	Ant3	Low	6110	10	Yes	Pass
AX160	6185	Ant3	Center	6185	1	Yes	Pass
AX160	6185	Ant3	Center	6185	2	Yes	Pass
AX160	6185	Ant3	Center	6185	3	Yes	Pass
AX160	6185	Ant3	Center	6185	4	Yes	Pass
AX160	6185	Ant3	Center	6185	5	Yes	Pass
AX160	6185	Ant3	Center	6185	6	Yes	Pass
AX160	6185	Ant3	Center	6185	7	Yes	Pass
AX160	6185	Ant3	Center	6185	8	Yes	Pass

AX160	6185	Ant3	Center	6185	9	Yes	Pass
AX160	6185	Ant3	Center	6185	10	No	Fail
AX160	6185	Ant3	High	6260	1	Yes	Pass
AX160	6185	Ant3	High	6260	2	Yes	Pass
AX160	6185	Ant3	High	6260	3	Yes	Pass
AX160	6185	Ant3	High	6260	4	Yes	Pass
AX160	6185	Ant3	High	6260	5	Yes	Pass
AX160	6185	Ant3	High	6260	6	Yes	Pass
AX160	6185	Ant3	High	6260	7	Yes	Pass
AX160	6185	Ant3	High	6260	8	Yes	Pass
AX160	6185	Ant3	High	6260	9	Yes	Pass
AX160	6185	Ant3	High	6260	10	Yes	Pass
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AX160	6505	Ant3	Low	6430	3	Yes	Pass
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AX160	6505	Ant3	Low	6430	5	Yes	Pass
AX160	6505	Ant3	Low	6430	6	Yes	Pass
AX160	6505	Ant3	Low	6430	7	Yes	Pass
AX160	6505	Ant3	Low	6430	8	Yes	Pass
AX160	6505	Ant3	Low	6430	9	Yes	Pass
AX160	6505	Ant3	Low	6430	10	Yes	Pass
AX160	6505	Ant3	Center	6505	1	Yes	Pass
AX160	6505	Ant3	Center	6505	2	Yes	Pass
AX160	6505	Ant3	Center	6505	3	Yes	Pass
AX160	6505	Ant3	Center	6505	4	Yes	Pass
AX160	6505	Ant3	Center	6505	5	Yes	Pass
AX160	6505	Ant3	Center	6505	6	Yes	Pass
AX160	6505	Ant3	Center	6505	7	Yes	Pass
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AX160	6505	Ant3	High	6580	4	Yes	Pass
AX160	6505	Ant3	High	6580	5	Yes	Pass
AX160	6505	Ant3	High	6580	6	Yes	Pass
AX160	6505	Ant3	High	6580	7	Yes	Pass
AX160	6505	Ant3	High	6580	8	Yes	Pass
AX160	6505	Ant3	High	6580	9	Yes	Pass
AX160	6505	Ant3	High	6580	10	Yes	Pass
AX160	6665	Ant3	Low	6590	1	Yes	Pass
AX160	6665	Ant3	Low	6590	2	Yes	Pass
AX160	6665	Ant3	Low	6590	3	Yes	Pass
AX160	6665	Ant3	Low	6590	4	Yes	Pass
AX160	6665	Ant3	Low	6590	5	Yes	Pass
AX160	6665	Ant3	Low	6590	6	Yes	Pass
AX160	6665	Ant3	Low	6590	7	Yes	Pass
AX160	6665	Ant3	Low	6590	8	Yes	Pass
AX160	6665	Ant3	Low	6590	9	Yes	Pass
AX160	6665	Ant3	Low	6590	10	Yes	Pass
AX160	6665	Ant3	Center	6665	1	Yes	Pass
AX160	6665	Ant3	Center	6665	2	Yes	Pass
AX160	6665	Ant3	Center	6665	3	Yes	Pass
AX160	6665	Ant3	Center	6665	4	Yes	Pass
AX160	6665	Ant3	Center	6665	5	Yes	Pass
AX160	6665	Ant3	Center	6665	6	Yes	Pass
AX160	6665	Ant3	Center	6665	7	Yes	Pass
AX160	6665	Ant3	Center	6665	8	Yes	Pass
AX160	6665	Ant3	Center	6665	9	Yes	Pass
AX160	6665	Ant3	Center	6665	10	Yes	Pass

AX160	6665	Ant3	High	6740	1	Yes	Pass
AX160	6665	Ant3	High	6740	2	Yes	Pass
AX160	6665	Ant3	High	6740	3	Yes	Pass
AX160	6665	Ant3	High	6740	4	Yes	Pass
AX160	6665	Ant3	High	6740	5	Yes	Pass
AX160	6665	Ant3	High	6740	6	No	Fail
AX160	6665	Ant3	High	6740	7	Yes	Pass
AX160	6665	Ant3	High	6740	8	Yes	Pass
AX160	6665	Ant3	High	6740	9	Yes	Pass
AX160	6665	Ant3	High	6740	10	Yes	Pass
AX160	6985	Ant3	Low	6910	1	Yes	Pass
AX160	6985	Ant3	Low	6910	2	Yes	Pass
AX160	6985	Ant3	Low	6910	3	Yes	Pass
AX160	6985	Ant3	Low	6910	4	Yes	Pass
AX160	6985	Ant3	Low	6910	5	Yes	Pass
AX160	6985	Ant3	Low	6910	6	Yes	Pass
AX160	6985	Ant3	Low	6910	7	Yes	Pass
AX160	6985	Ant3	Low	6910	8	Yes	Pass
AX160	6985	Ant3	Low	6910	9	Yes	Pass
AX160	6985	Ant3	Low	6910	10	Yes	Pass
AX160	6985	Ant3	Center	6985	1	Yes	Pass
AX160	6985	Ant3	Center	6985	2	Yes	Pass
AX160	6985	Ant3	Center	6985	3	Yes	Pass
AX160	6985	Ant3	Center	6985	4	Yes	Pass
AX160	6985	Ant3	Center	6985	5	Yes	Pass
AX160	6985	Ant3	Center	6985	6	Yes	Pass
AX160	6985	Ant3	Center	6985	7	Yes	Pass
AX160	6985	Ant3	Center	6985	8	Yes	Pass
AX160	6985	Ant3	Center	6985	9	No	Fail
AX160	6985	Ant3	Center	6985	10	Yes	Pass
AX160	6985	Ant3	High	7060	1	Yes	Pass
AX160	6985	Ant3	High	7060	2	Yes	Pass
AX160	6985	Ant3	High	7060	3	Yes	Pass
AX160	6985	Ant3	High	7060	4	Yes	Pass
AX160	6985	Ant3	High	7060	5	Yes	Pass
AX160	6985	Ant3	High	7060	6	Yes	Pass
AX160	6985	Ant3	High	7060	7	Yes	Pass
AX160	6985	Ant3	High	7060	8	Yes	Pass
AX160	6985	Ant3	High	7060	9	Yes	Pass
AX160	6985	Ant3	High	7060	10	Yes	Pass

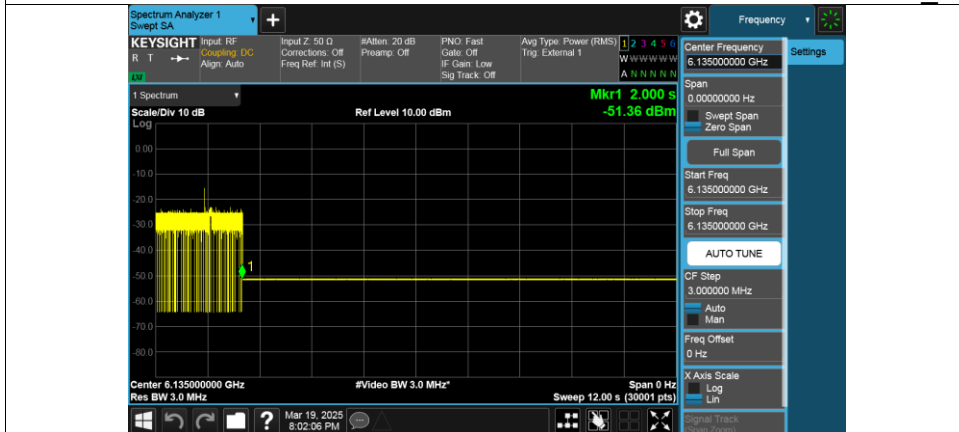
11.7.2. Test Graphs-Worst Case



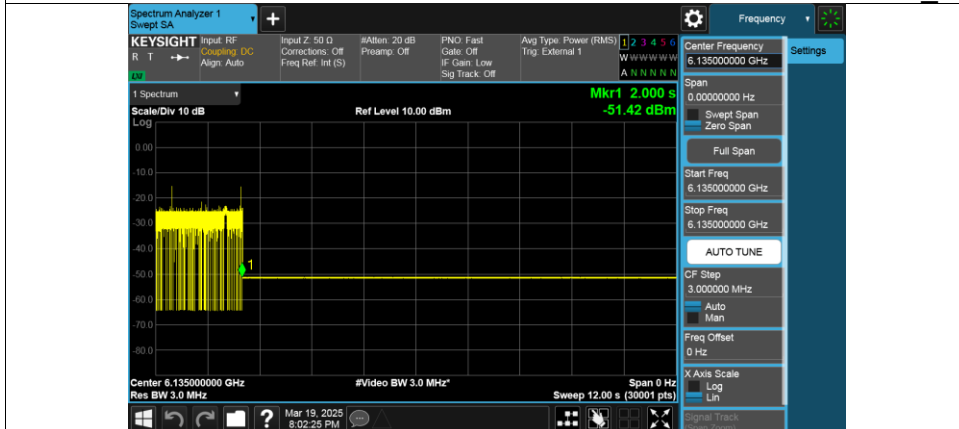
Contention Based Protocol NVNT ax20 6135MHz Interfere 6135 MHz_4



Contention Based Protocol NVNT ax20 6135MHz Interfere 6135 MHz_5



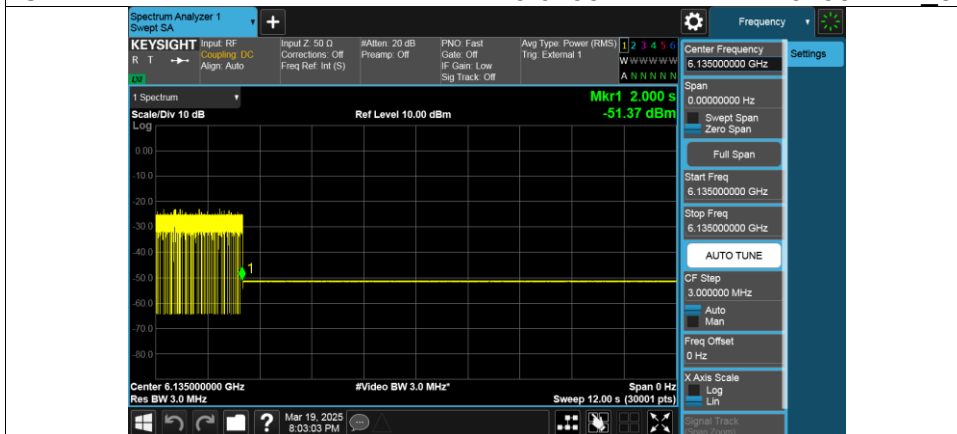
Contention Based Protocol NVNT ax20 6135MHz Interfere 6135 MHz_6



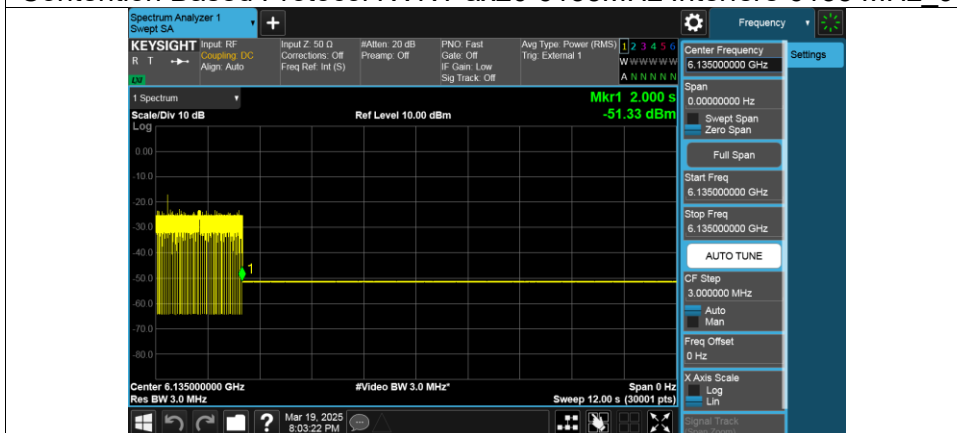
Contention Based Protocol NVNT ax20 6135MHz Interfere 6135 MHz_7



Contention Based Protocol NVNT ax20 6135MHz Interfere 6135 MHz_8



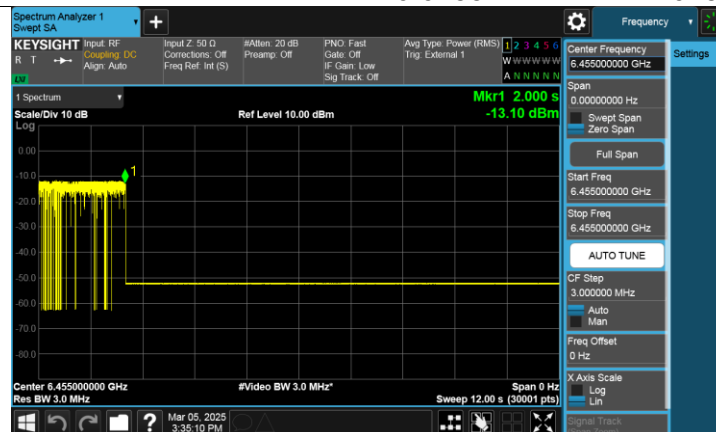
Contention Based Protocol NVNT ax20 6135MHz Interfere 6135 MHz_9



Contention Based Protocol NVNT ax20 6135MHz Interfere 6135 MHz_10



Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_1



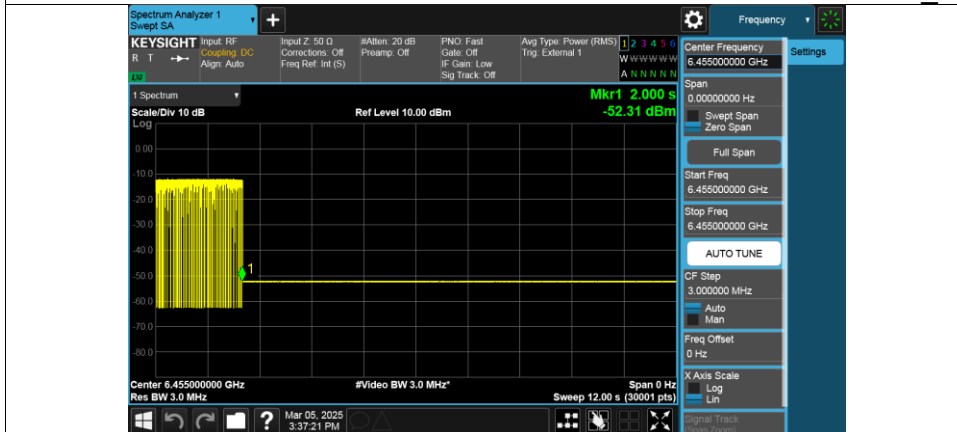
Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_2



Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_3



Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_4



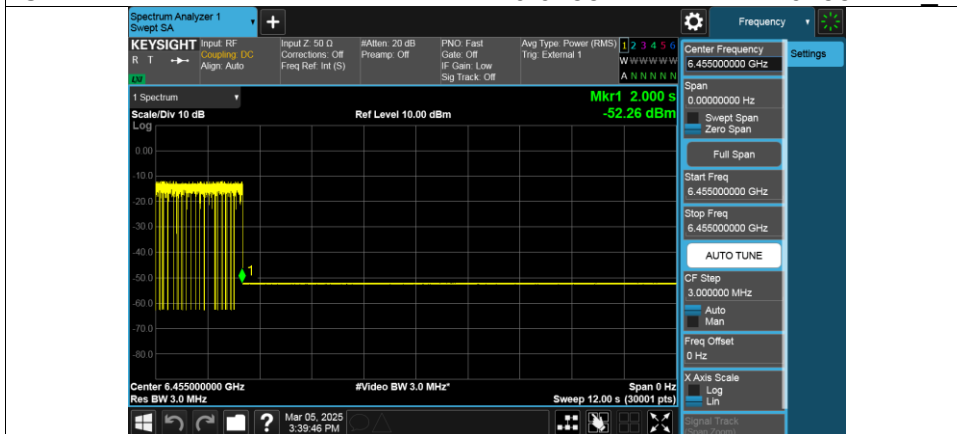
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Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_6



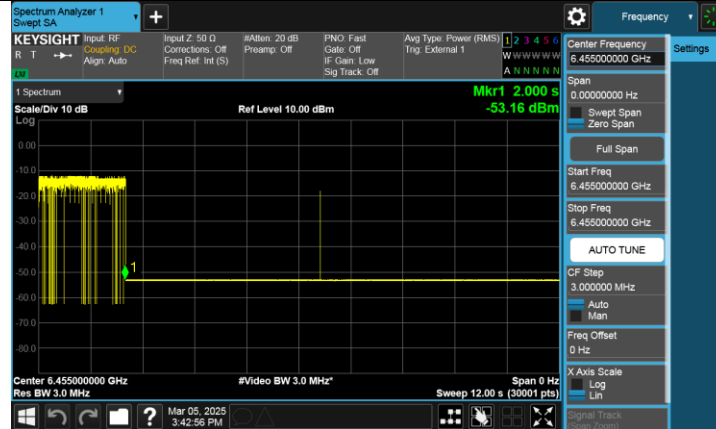
Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_7



Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_8



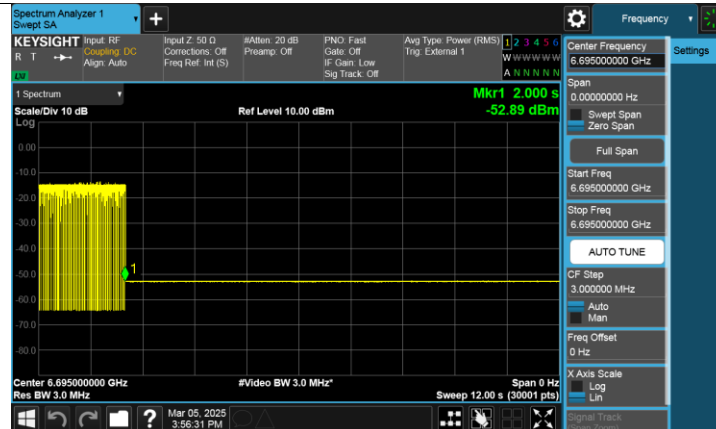
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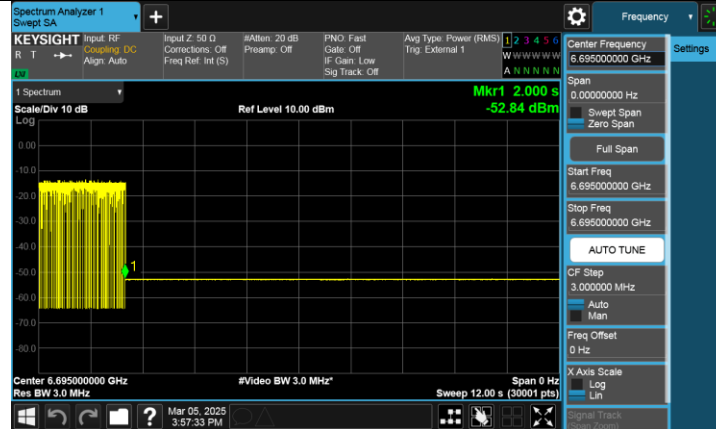
Contention Based Protocol NVNT ax20 6455MHz Interfere 6455 MHz_10



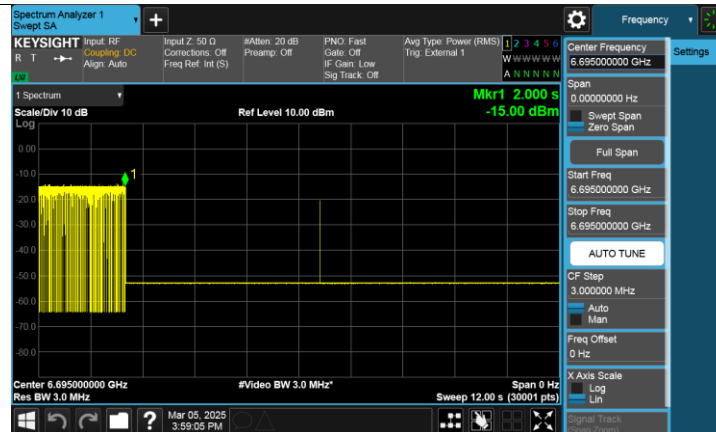
Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_1



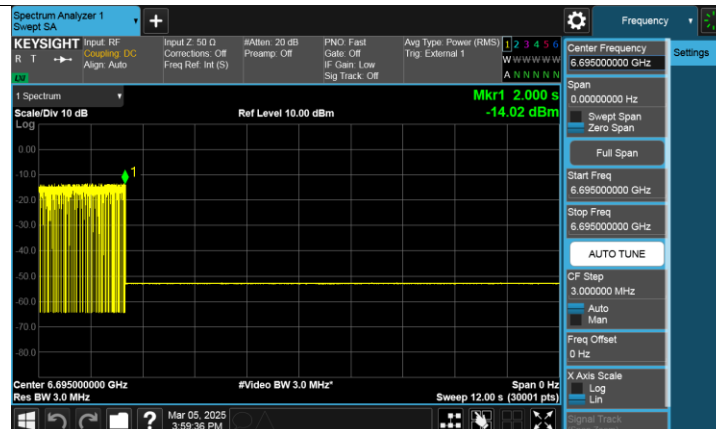
Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_2



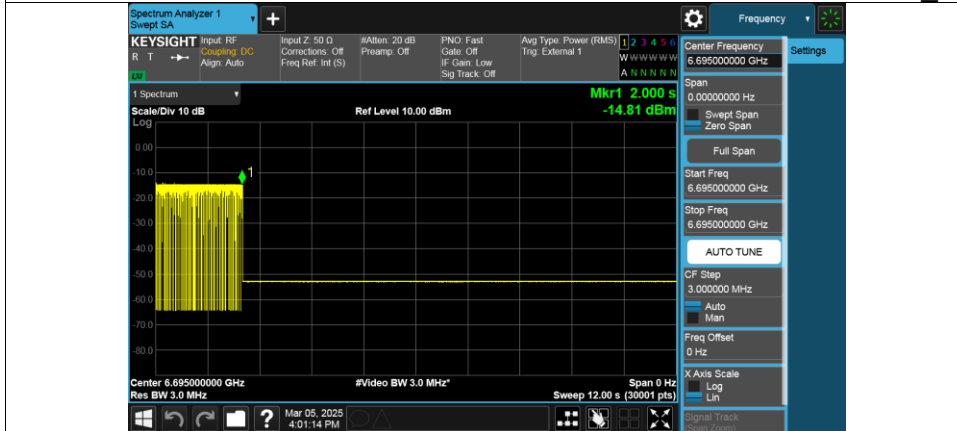
Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_3



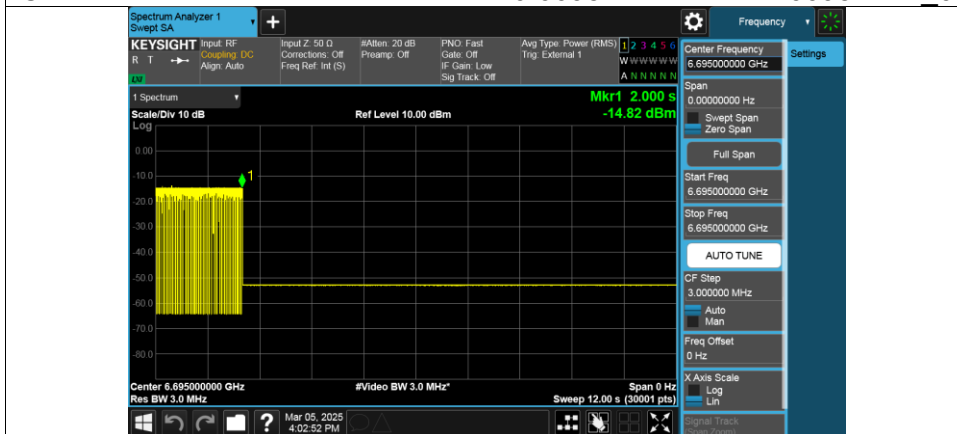
Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_4



Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_5



Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_6



Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_7



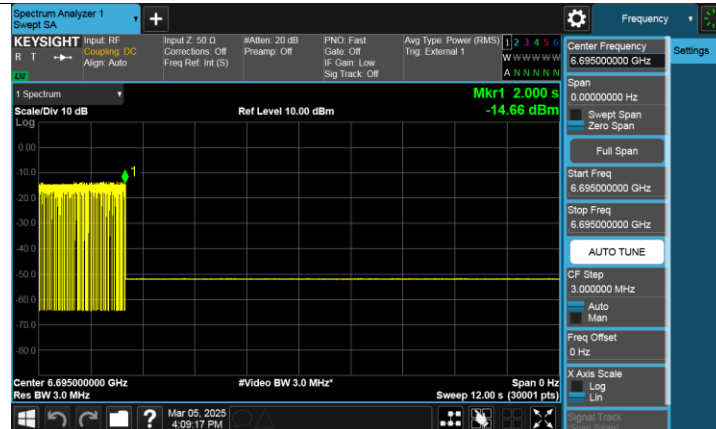
Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_8



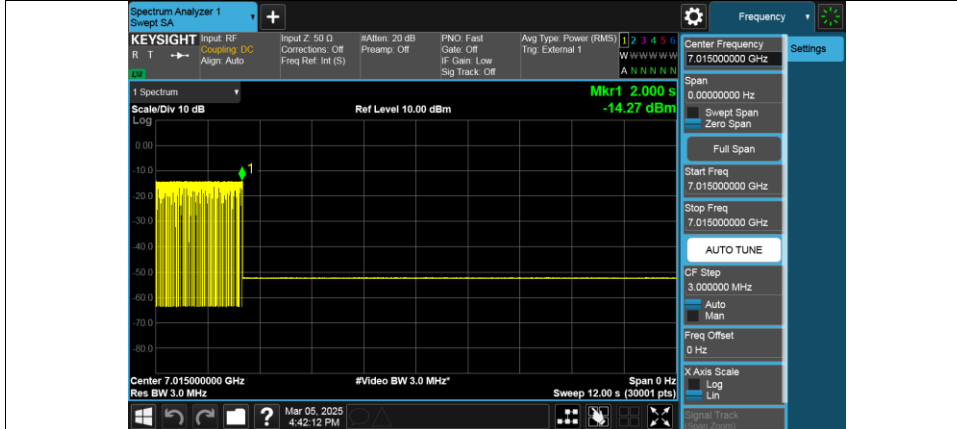
Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_9



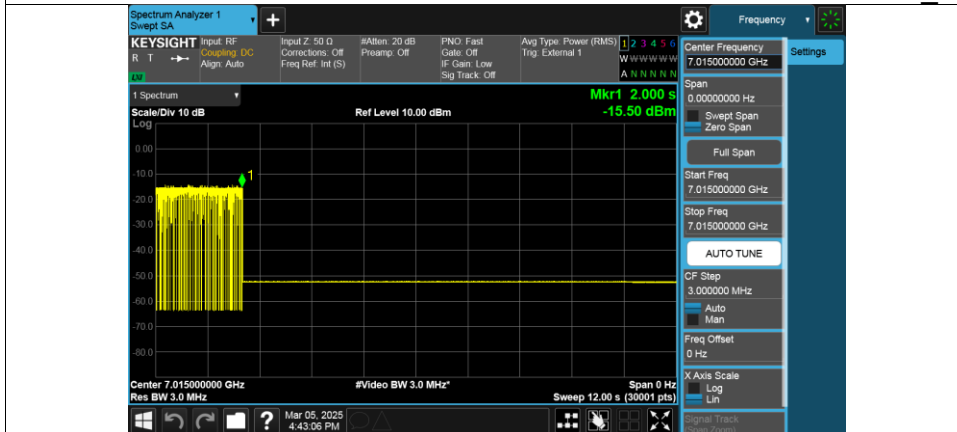
Contention Based Protocol NVNT ax20 6695MHz Interfere 6695 MHz_10



Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_1



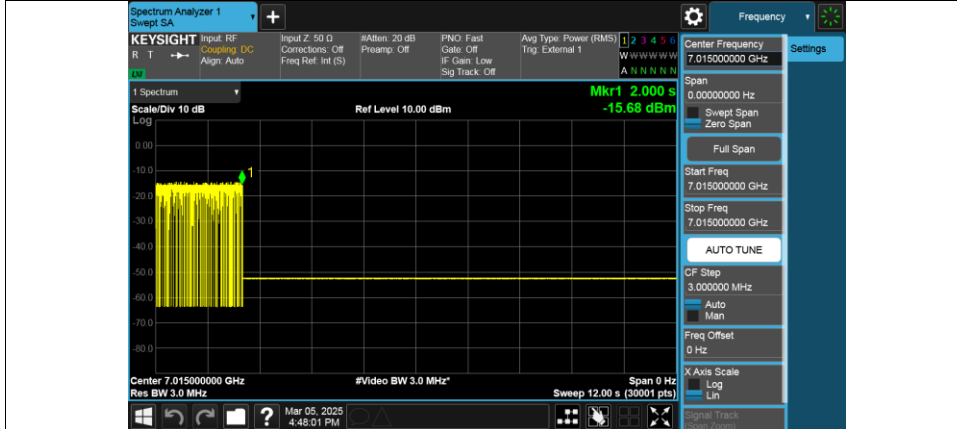
Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_2



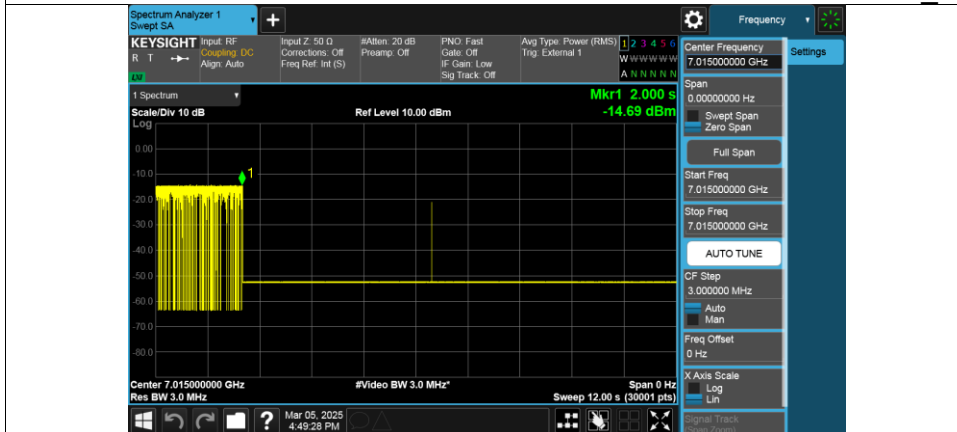
Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_3



Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_4



Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_5



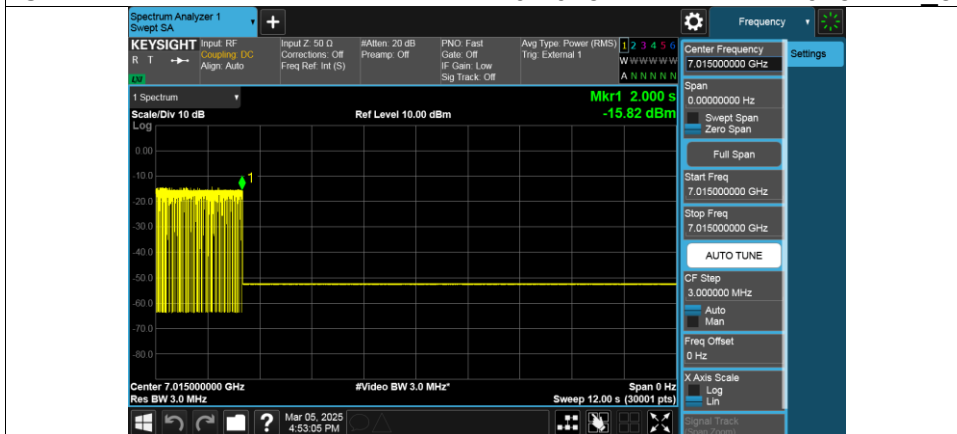
Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_6



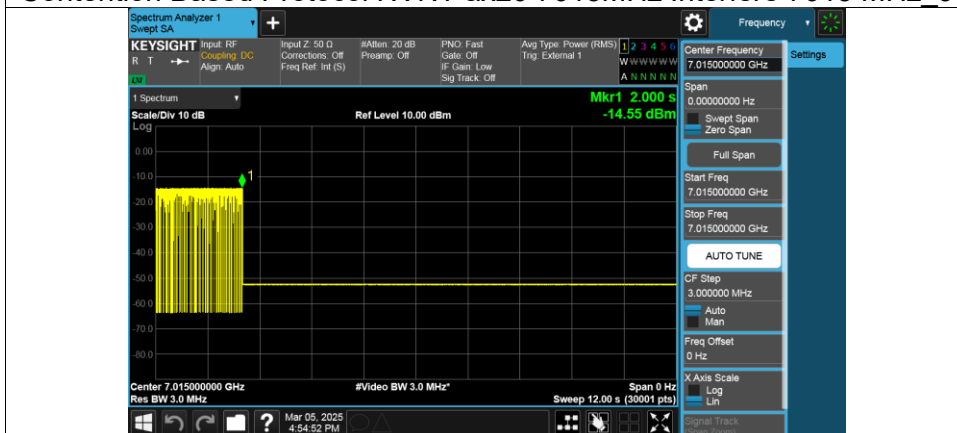
Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_7



Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_8



Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_9

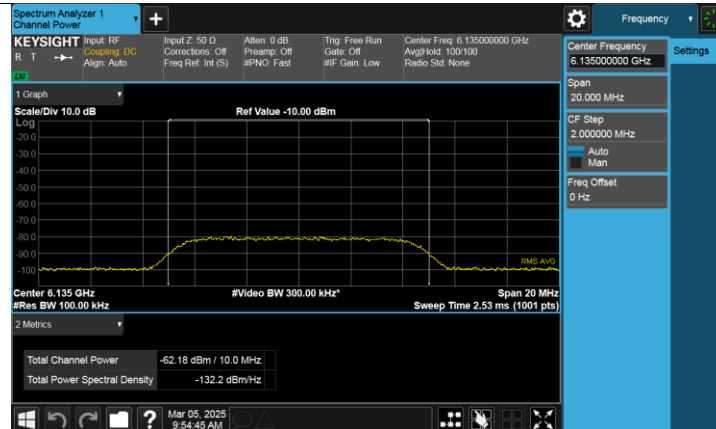


Contention Based Protocol NVNT ax20 7015MHz Interfere 7015 MHz_10

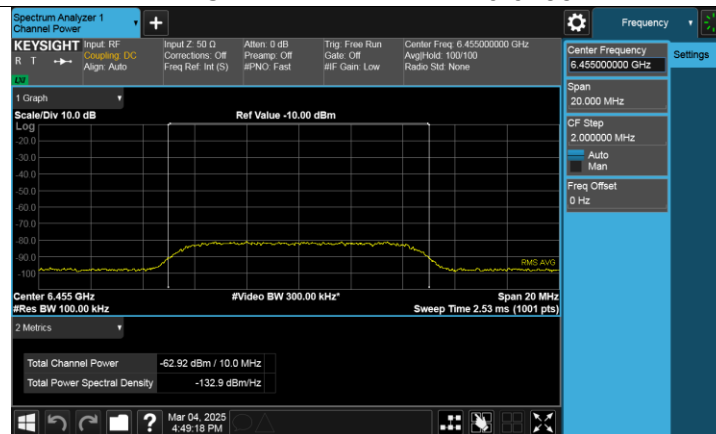


Test Graphs

Contention Based Protocol Calibration NVNT ax20 6135MHz Interfere 6135 MHz

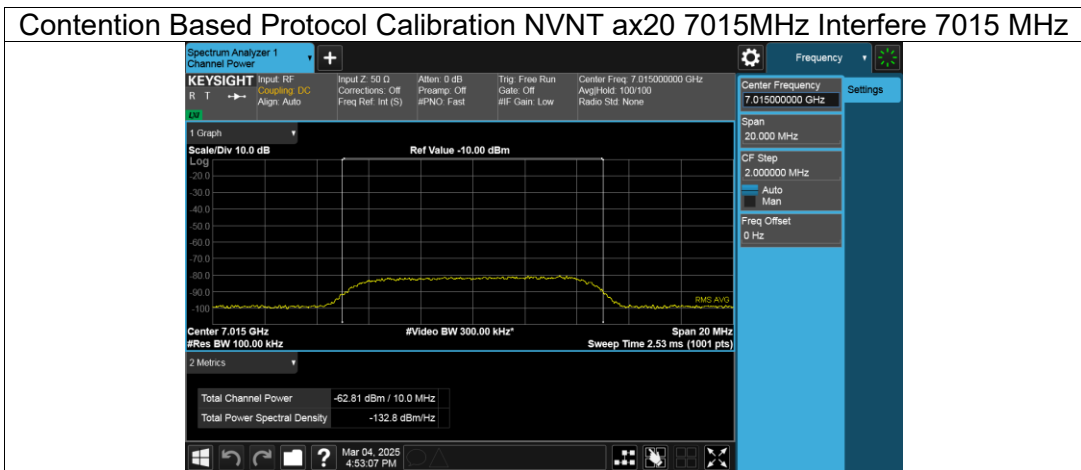


Contention Based Protocol Calibration NVNT ax20 6455MHz Interfere 6455 MHz



Contention Based Protocol Calibration NVNT ax20 6695MHz Interfere 6695 MHz





11.8. APPENDIX H: FREQUENCY STABILITY

11.8.1. Test Result

Frequency Error vs. Voltage									
802.11ax:5955MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5955.0190	3.19	5955.0088	1.48	5954.9756	-4.10	5955.0221	3.71
TN	VN	5954.9831	-2.84	5954.9997	-0.04	5955.0178	3.00	5955.0130	2.18
TN	VH	5954.9772	-3.82	5954.9880	-2.01	5954.9815	-3.10	5954.9800	-3.35
Frequency Error vs. Temperature									
802.11ax:5955MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5955.0250	4.19	5954.9842	-2.65	5954.9855	-2.43	5955.0222	3.73
60	VN	5955.0192	3.23	5955.0245	4.12	5954.9972	-0.48	5955.0242	4.07
50	VN	5955.0043	0.73	5954.9880	-2.02	5954.9826	-2.93	5954.9934	-1.11
40	VN	5955.0175	2.93	5955.0087	1.46	5954.9922	-1.32	5954.9766	-3.92
30	VN	5954.9948	-0.88	5955.0013	0.22	5954.9808	-3.22	5954.9982	-0.30
20	VN	5954.9848	-2.55	5955.0200	3.35	5954.9983	-0.29	5955.0081	1.35
10	VN	5955.0236	3.96	5955.0155	2.61	5954.9775	-3.77	5955.0226	3.80
0	VN	5955.0036	0.61	5954.9957	-0.73	5955.0065	1.08	5955.0195	3.28
-10	VN	5955.0199	3.35	5954.9963	-0.63	5955.0011	0.19	5955.0239	4.01

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

Frequency Error vs. Voltage									
802.11ax:7115MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	7114.9911	-1.25	7115.0046	0.65	7115.0249	3.51	7114.9772	-3.20
TN	VN	7115.0194	2.72	7115.0171	2.40	7114.9833	-2.35	7115.0211	2.96
TN	VH	7114.9881	-1.67	7115.0231	3.25	7115.0011	0.15	7114.9967	-0.46
Frequency Error vs. Temperature									
802.11ax:7115MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	7115.0077	1.08	7114.9985	-0.22	7114.9889	-1.56	7114.9965	-0.49
60	VN	7115.0218	3.06	7114.9937	-0.88	7115.0177	2.49	7115.0206	2.90
50	VN	7114.9766	-3.29	7114.9963	-0.52	7115.0133	1.87	7114.9794	-2.90
40	VN	7115.0068	0.96	7114.9894	-1.49	7114.9981	-0.26	7114.9890	-1.55
30	VN	7115.0177	2.49	7114.9833	-2.35	7115.0061	0.86	7114.9986	-0.19
20	VN	7114.9765	-3.30	7114.9854	-2.06	7114.9986	-0.19	7114.9973	-0.38
10	VN	7115.0227	3.20	7115.0011	0.15	7114.9752	-3.49	7115.0005	0.07
0	VN	7114.9794	-2.90	7115.0103	1.45	7114.9937	-0.88	7115.0166	2.33
-10	VN	7114.9956	-0.62	7114.9873	-1.78	7115.0240	3.38	7114.9904	-1.35

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

END OF REPORT