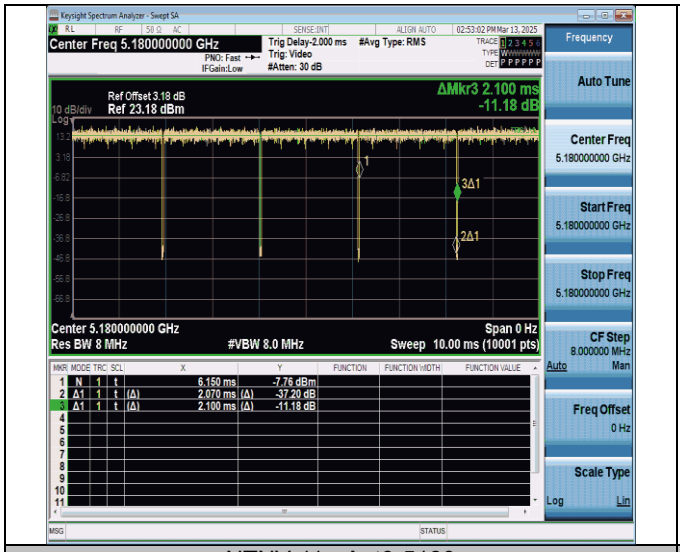
Test Graphs



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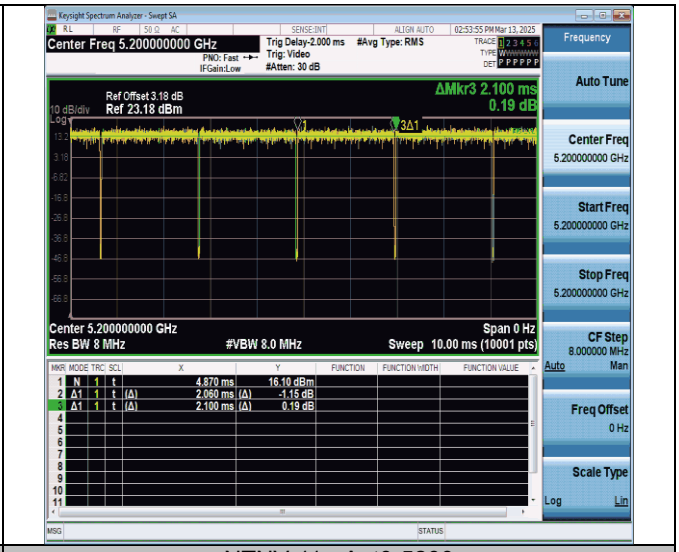

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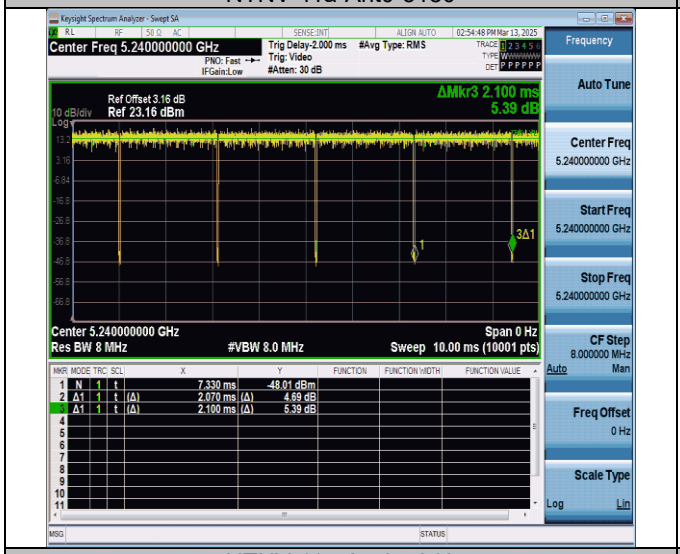

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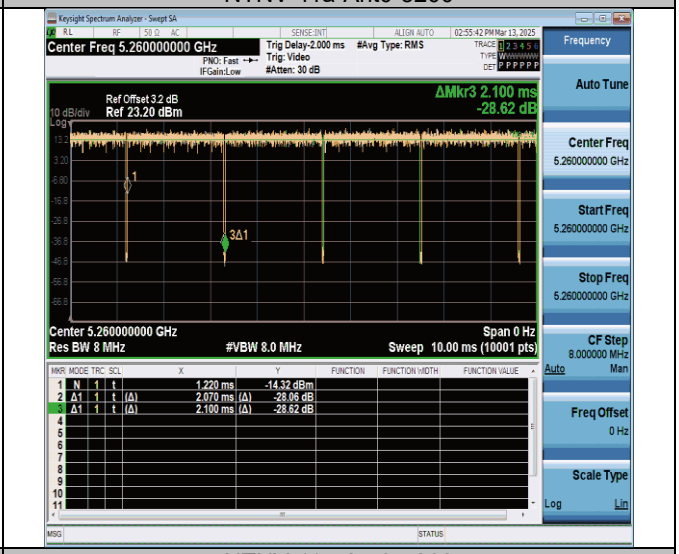

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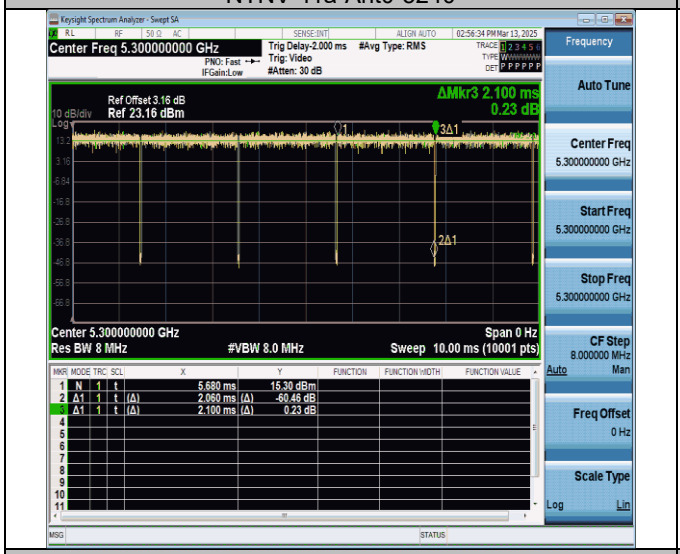

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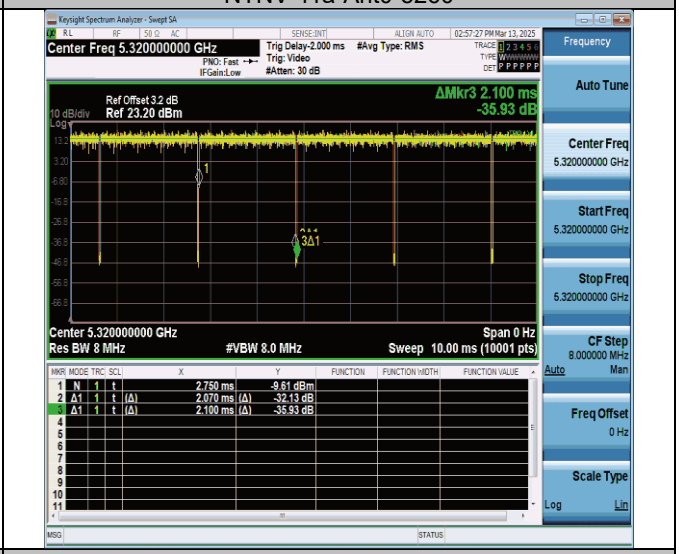

NTNV-11a-Ant0-5320

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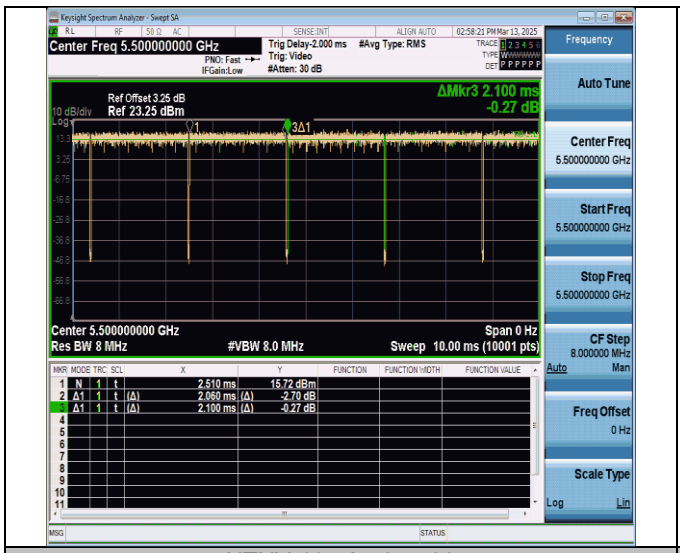

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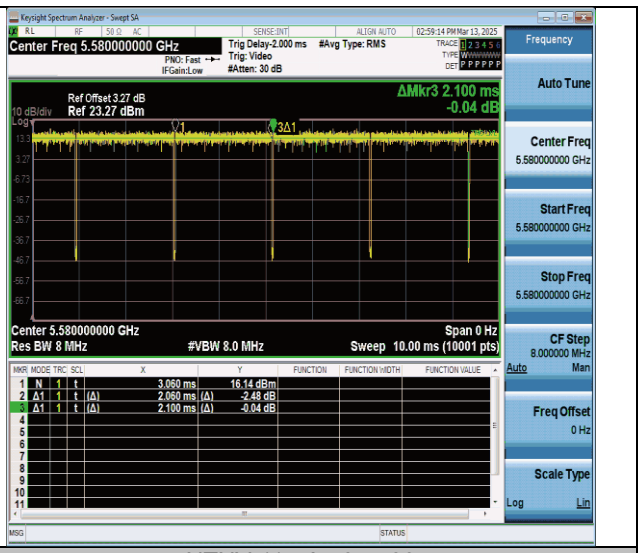

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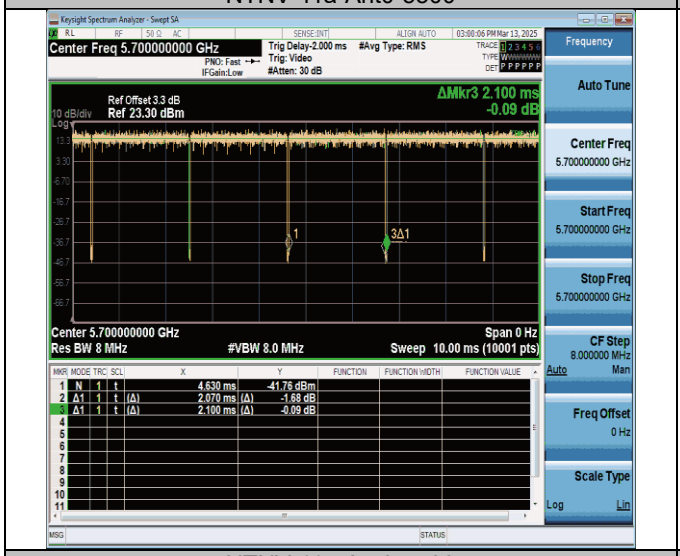

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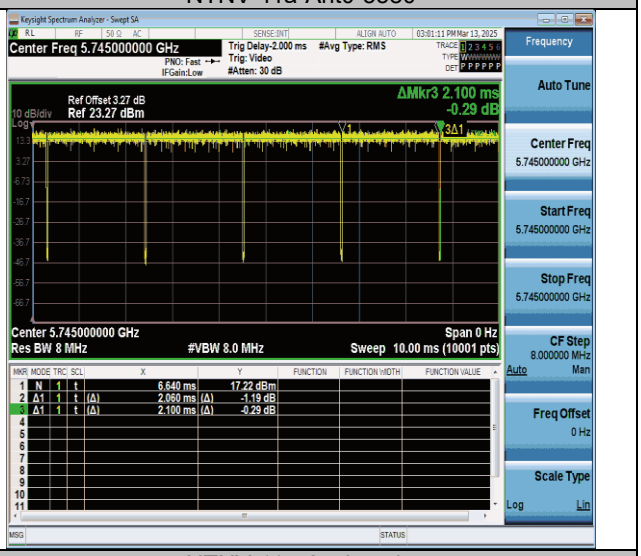

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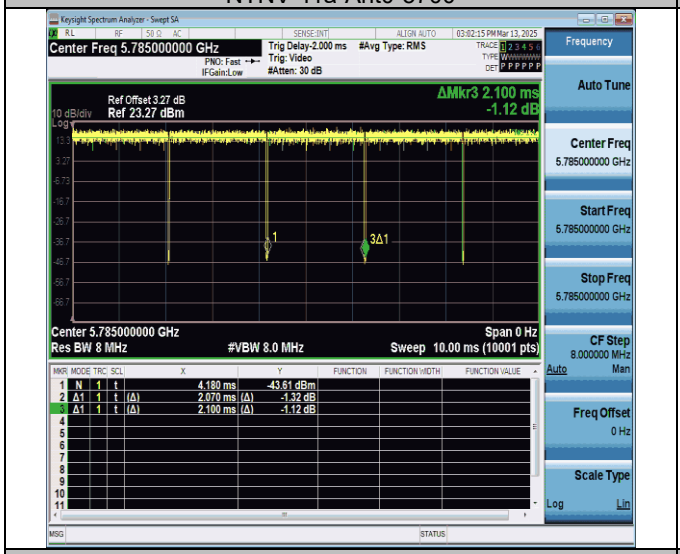

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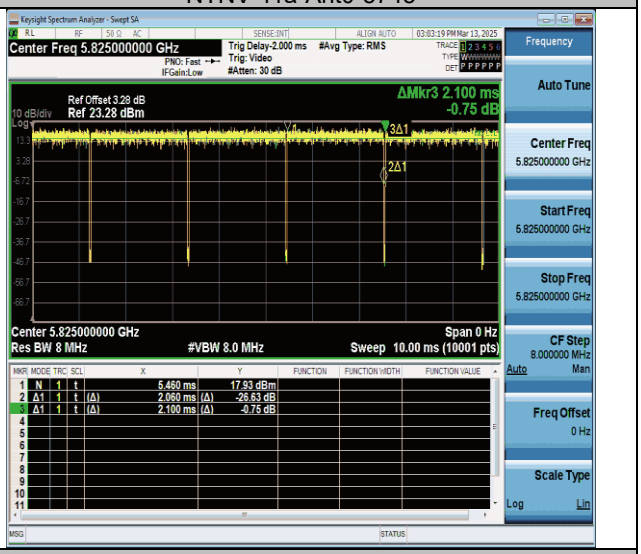

NTNV-11a-Ant0-5825

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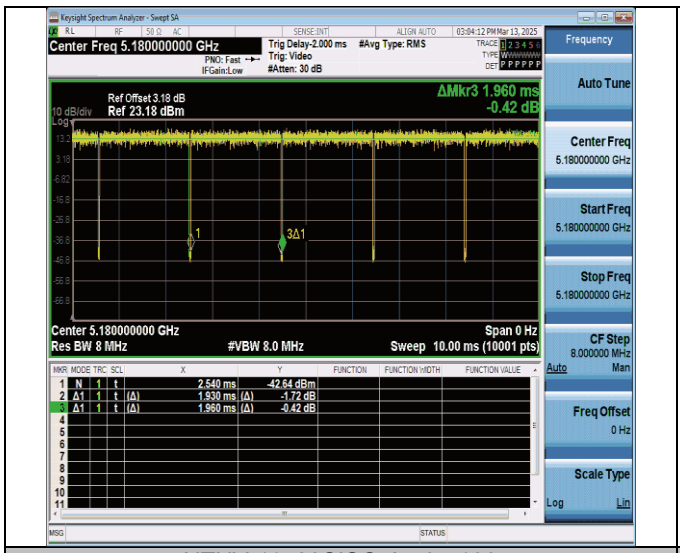

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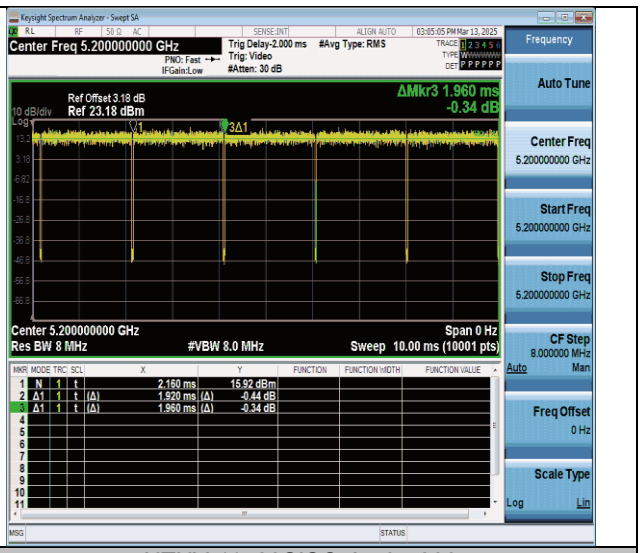

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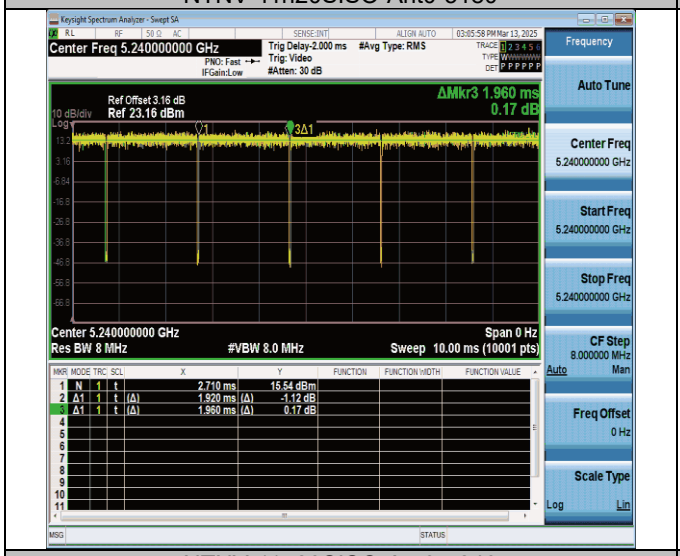

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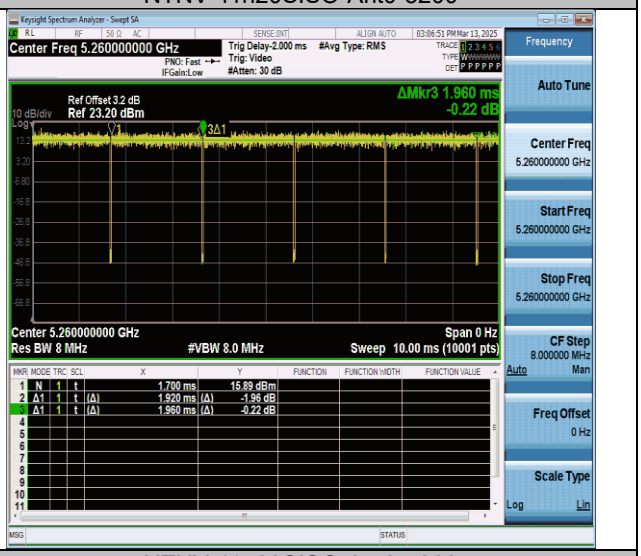

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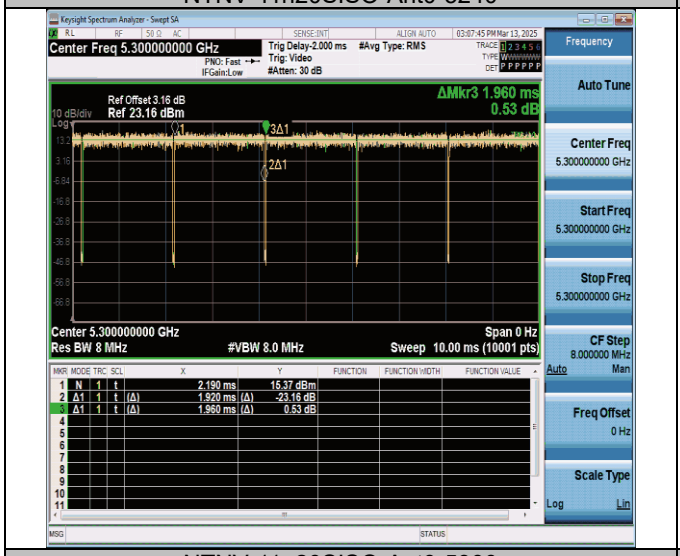

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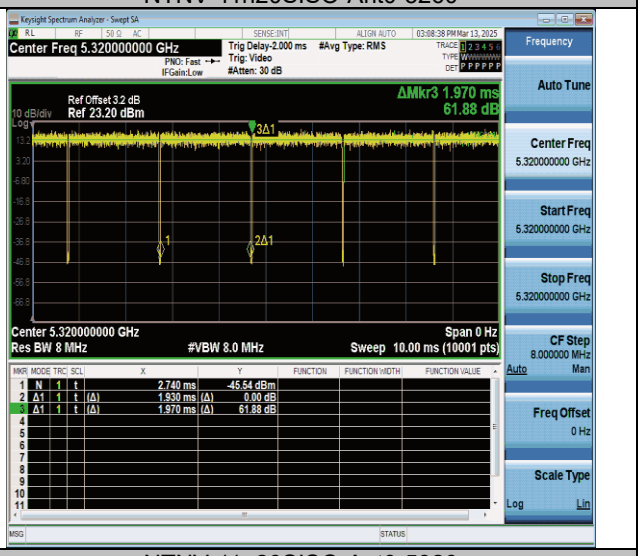

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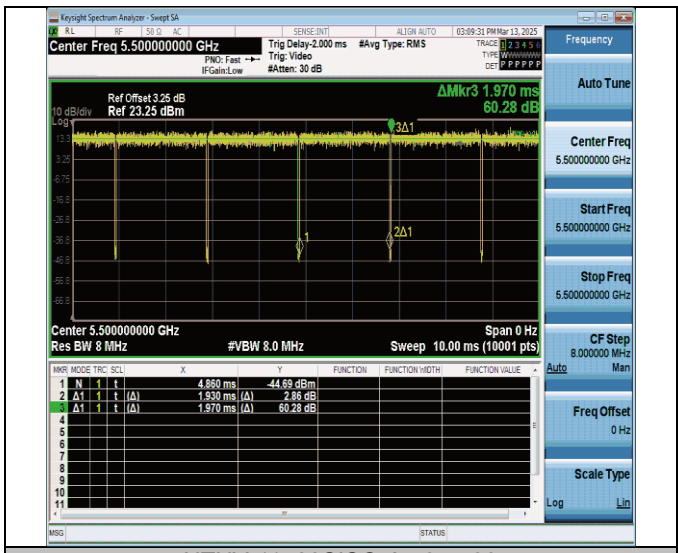

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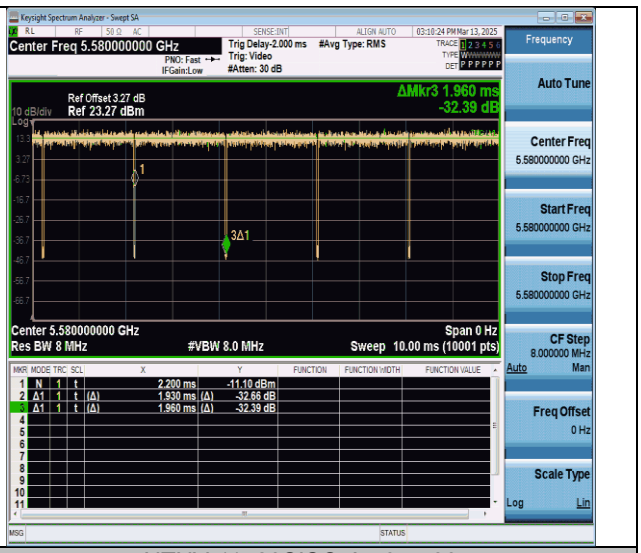

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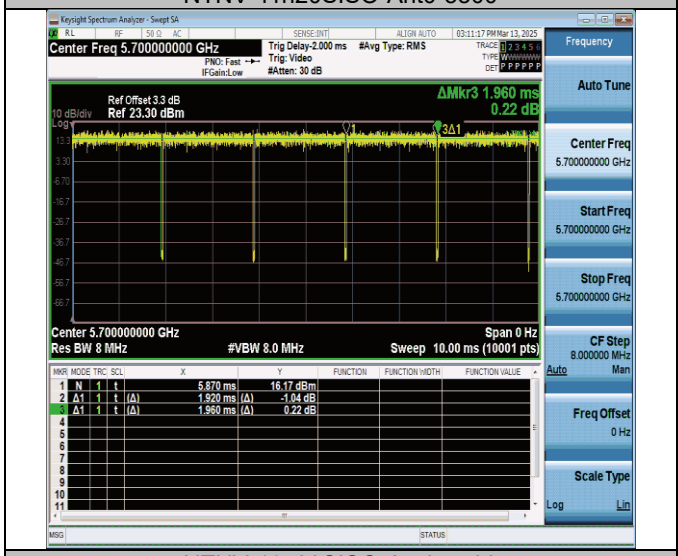

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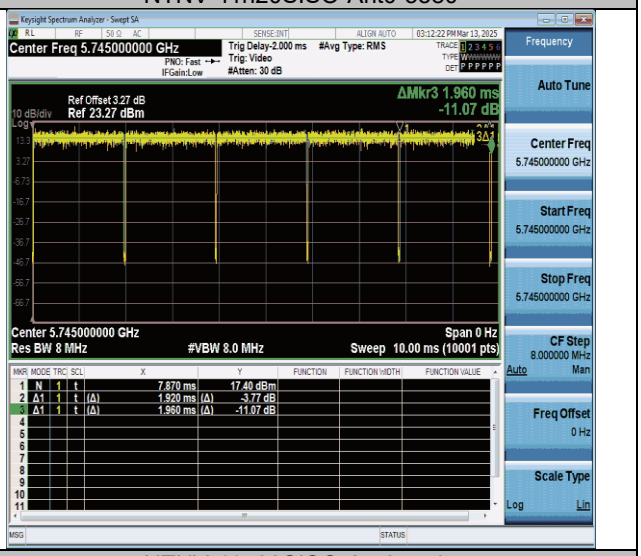

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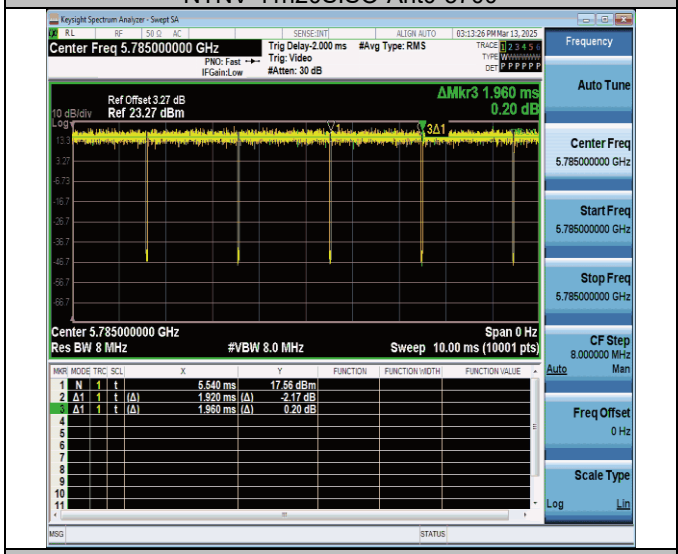

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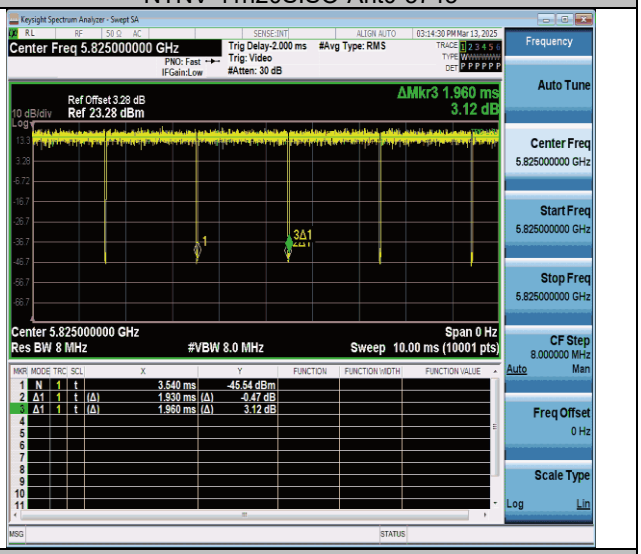

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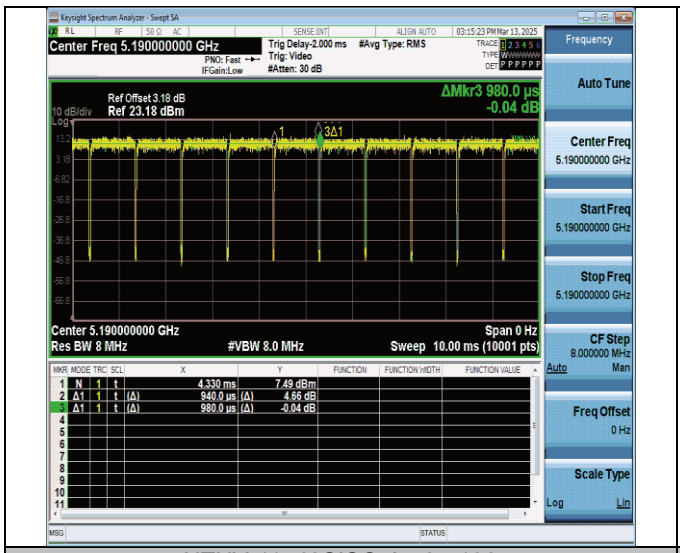

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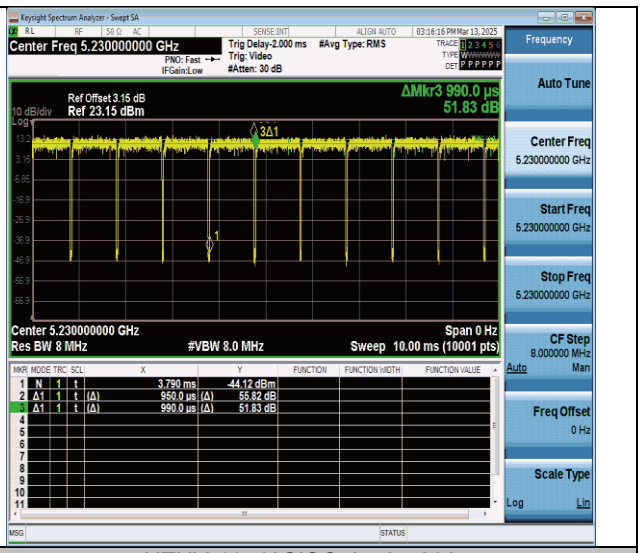

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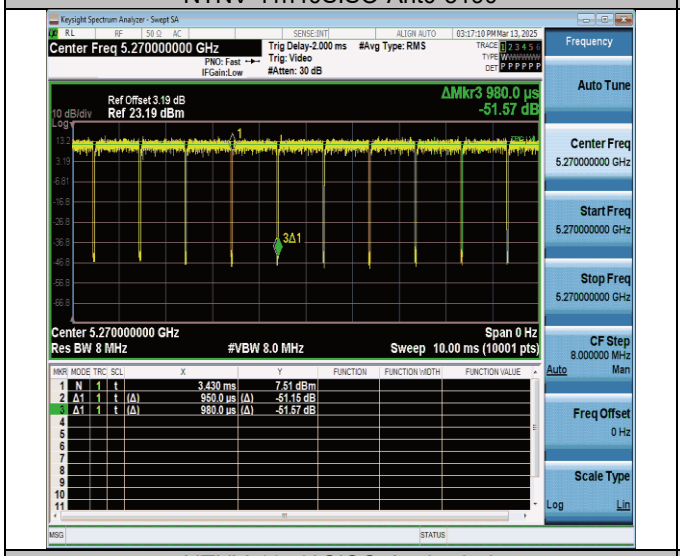

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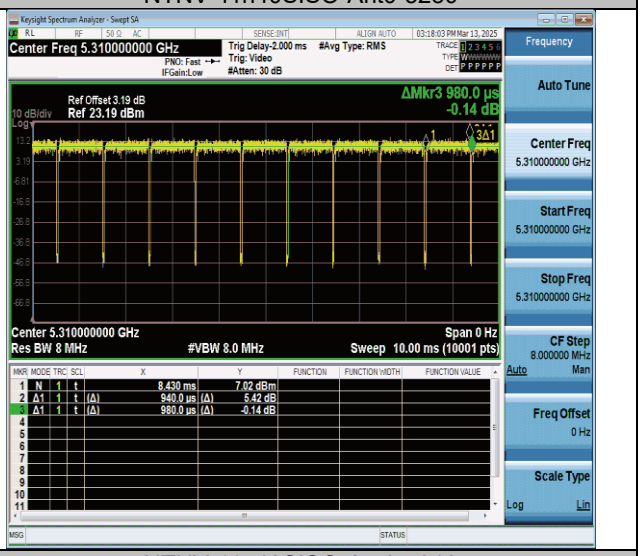

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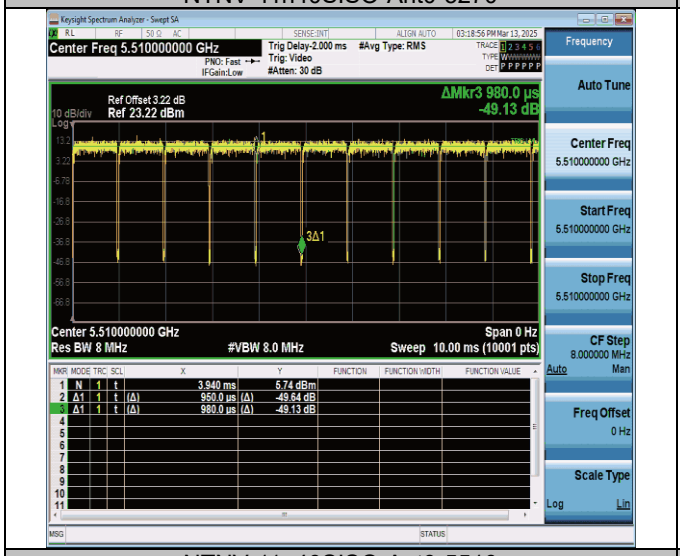

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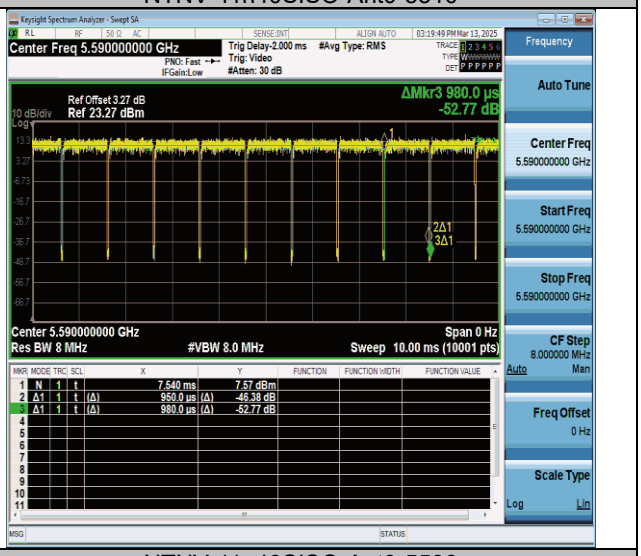

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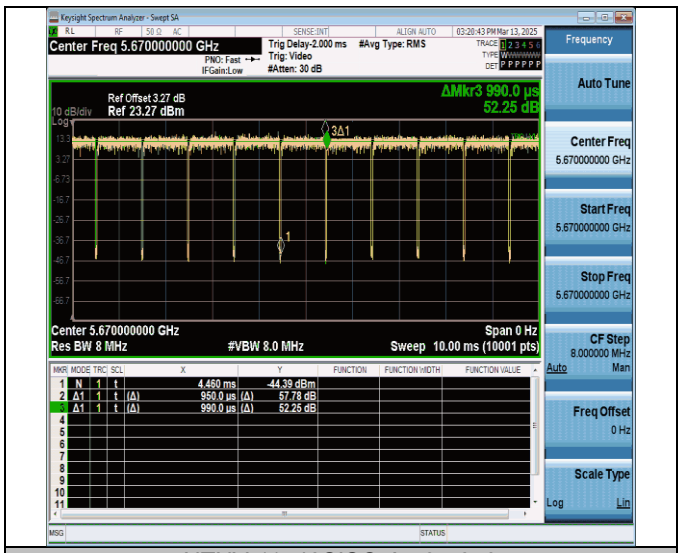

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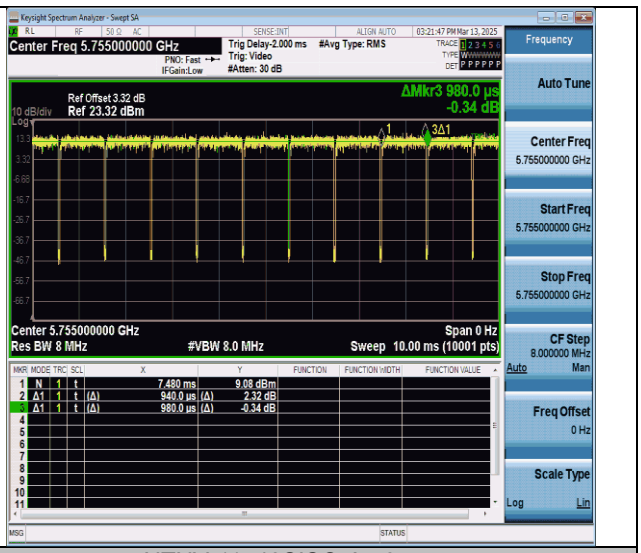

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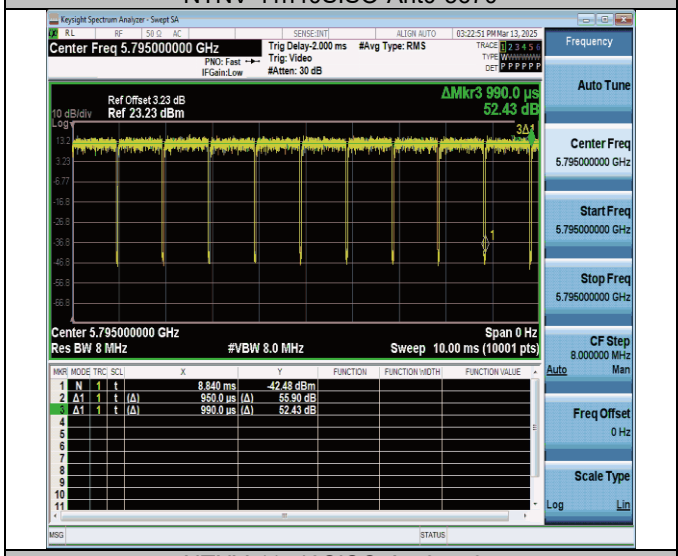

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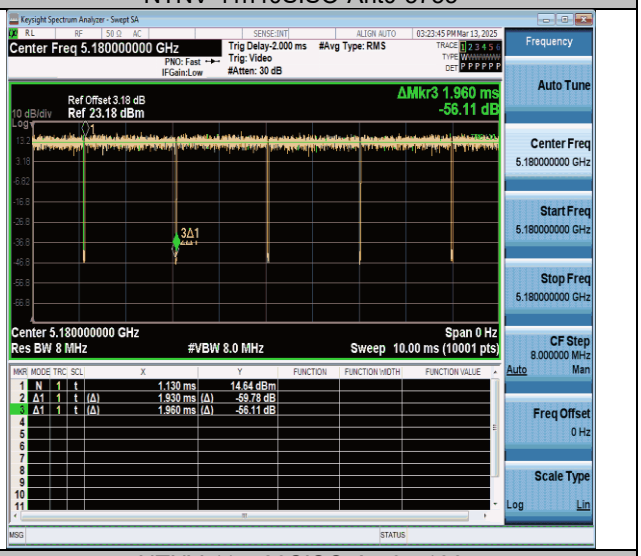

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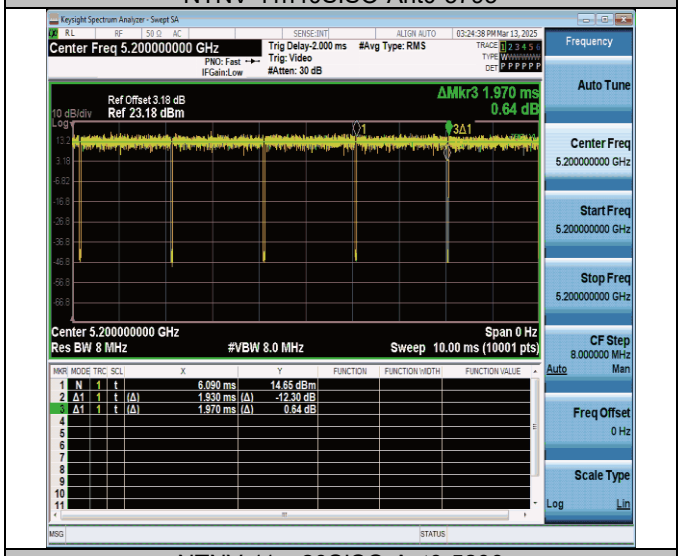

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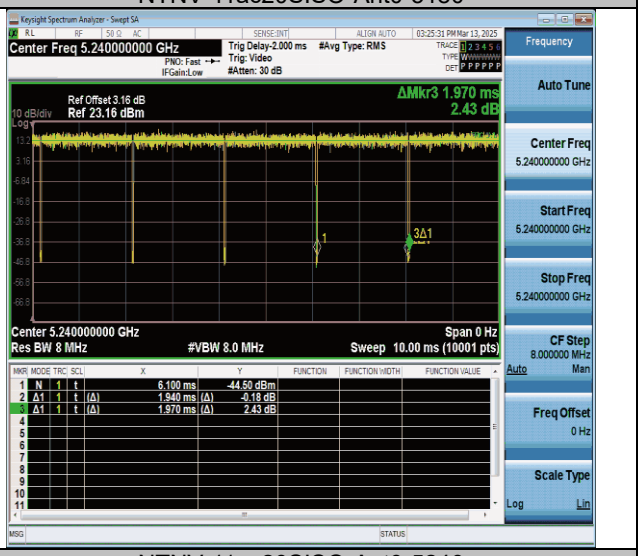

NTNV-11ac20SISO-Ant0-5240

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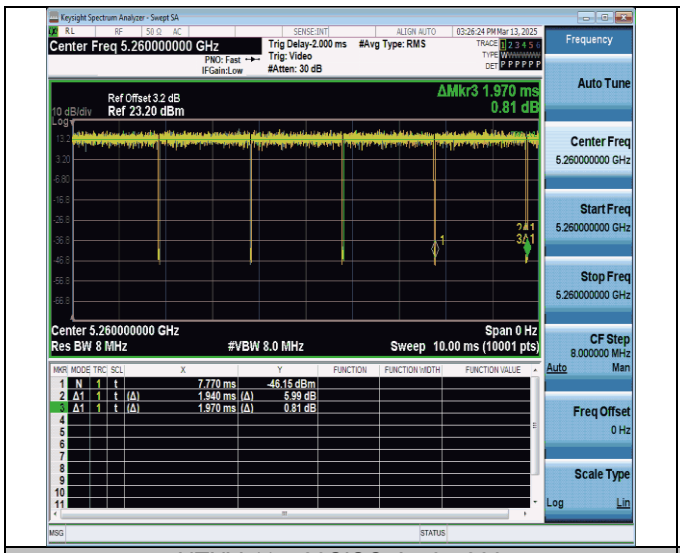

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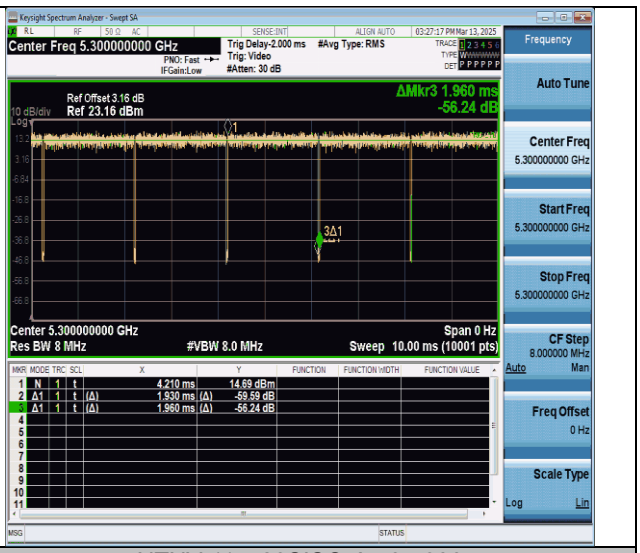

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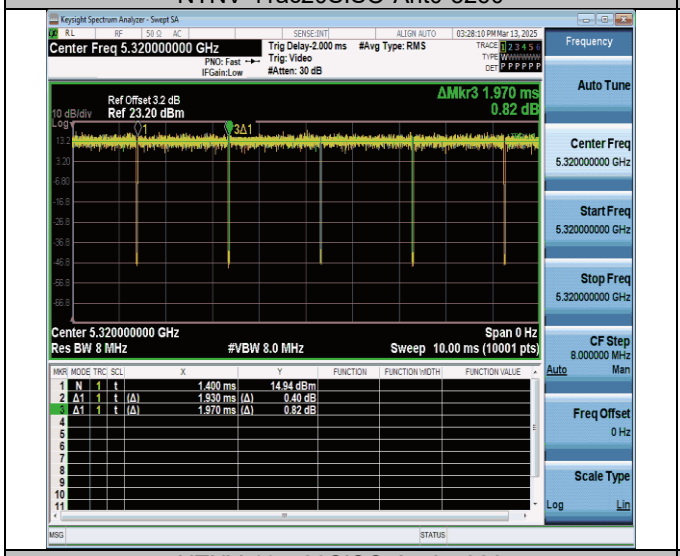

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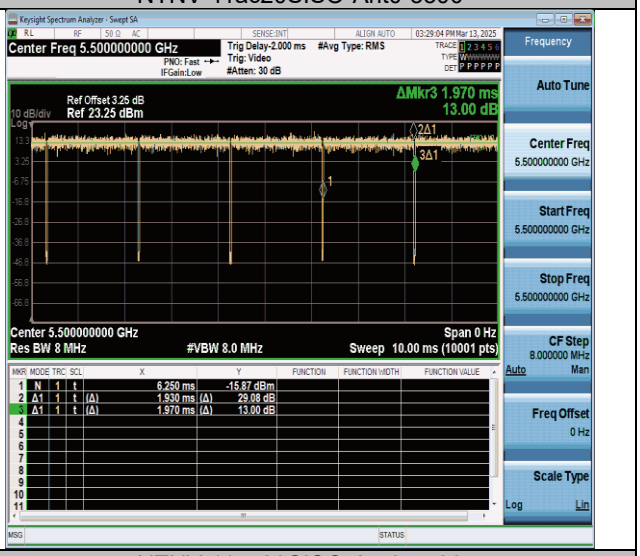

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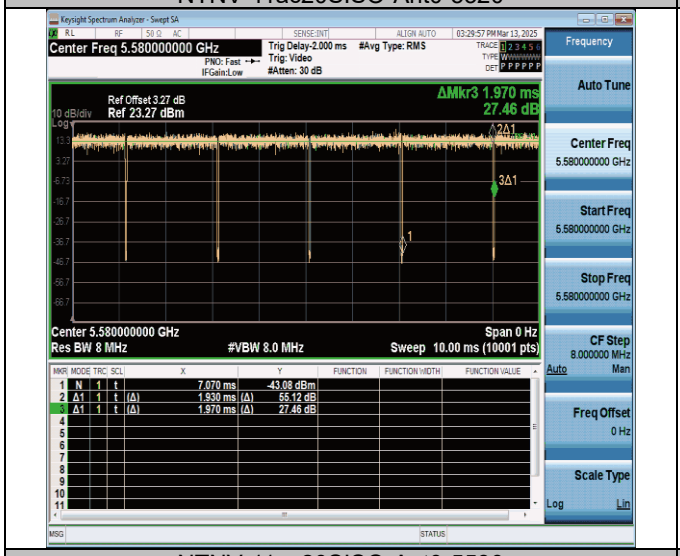

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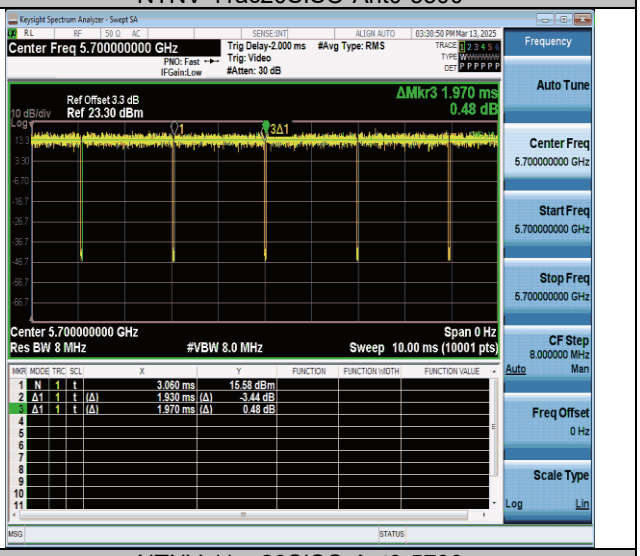

NTNV-11ac20SISO-Ant0-5700

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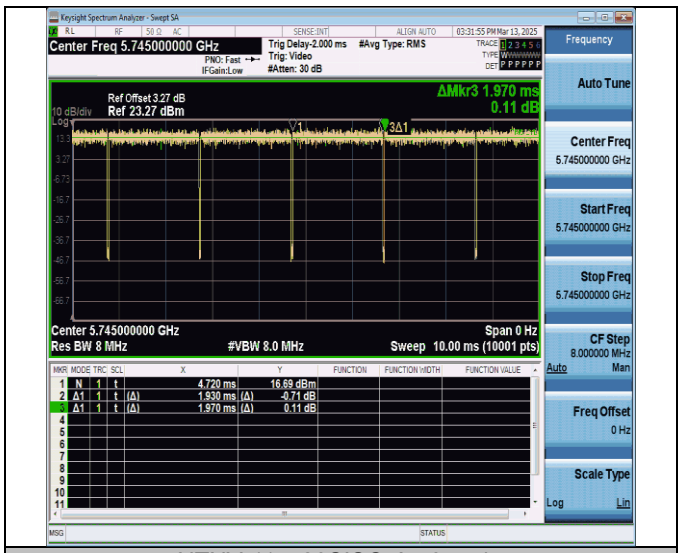

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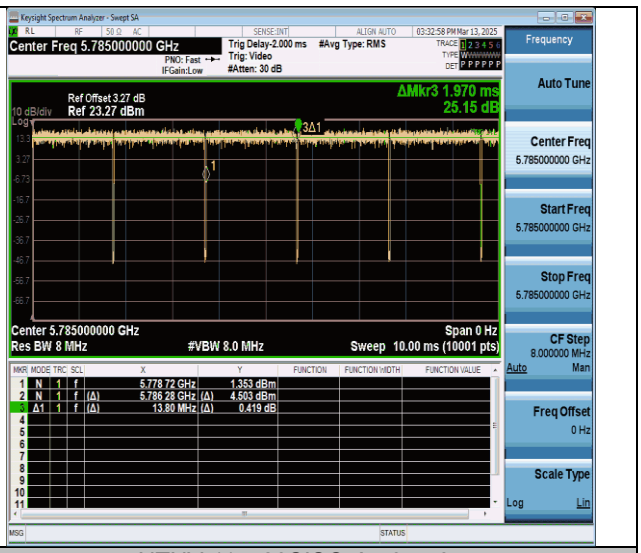

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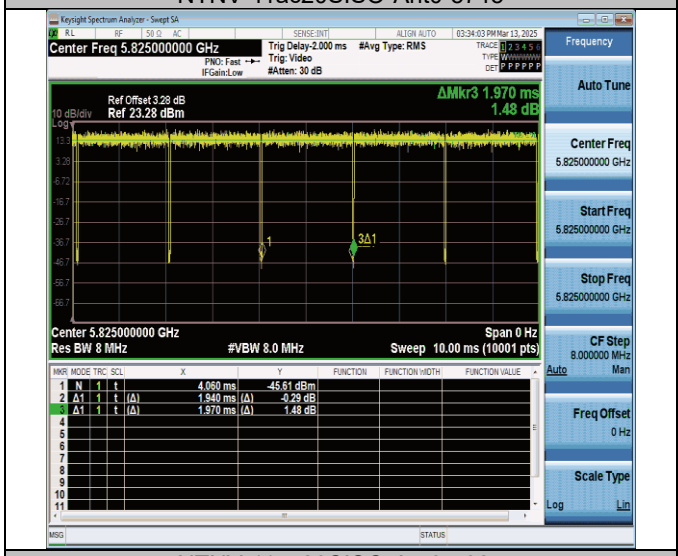

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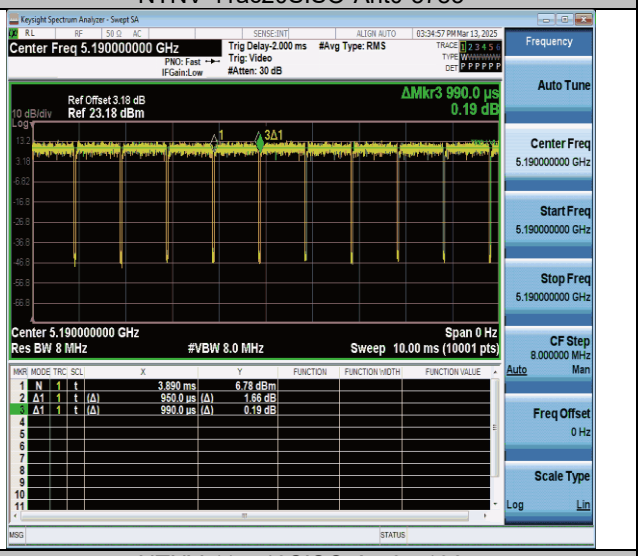

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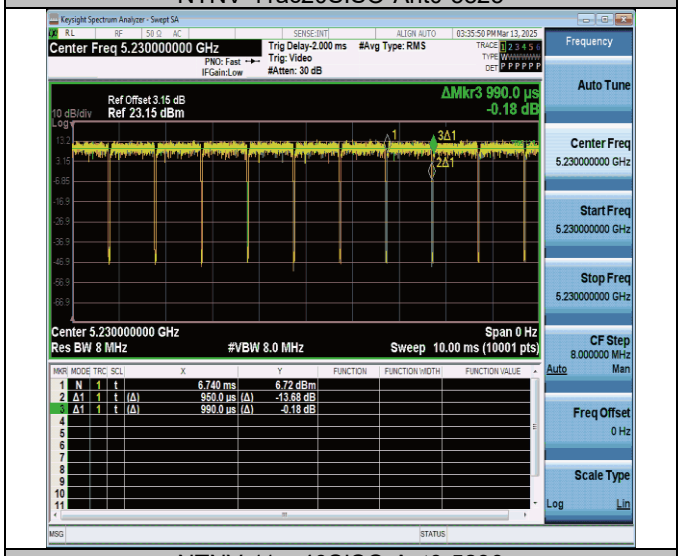

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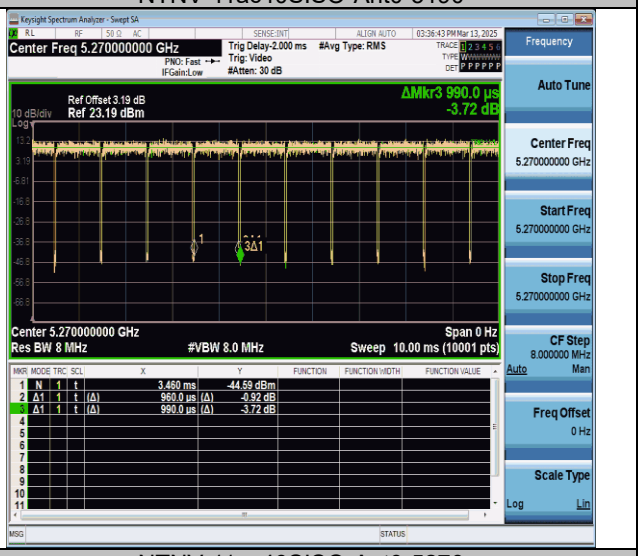

NTNV-11ac40SISO-Ant0-5270

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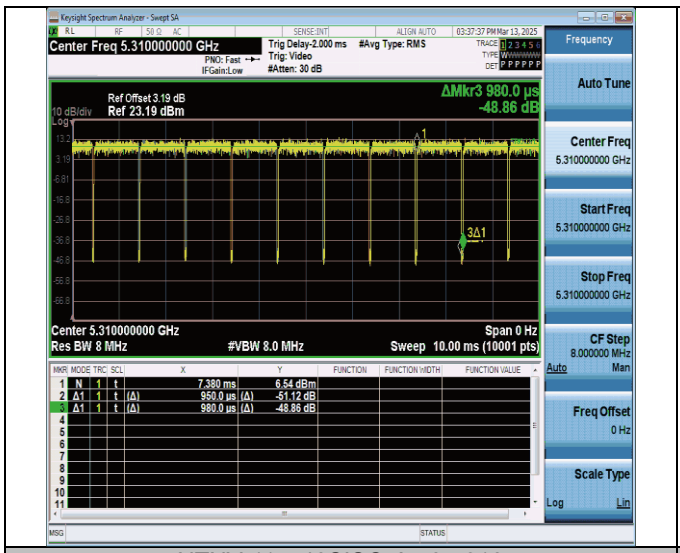
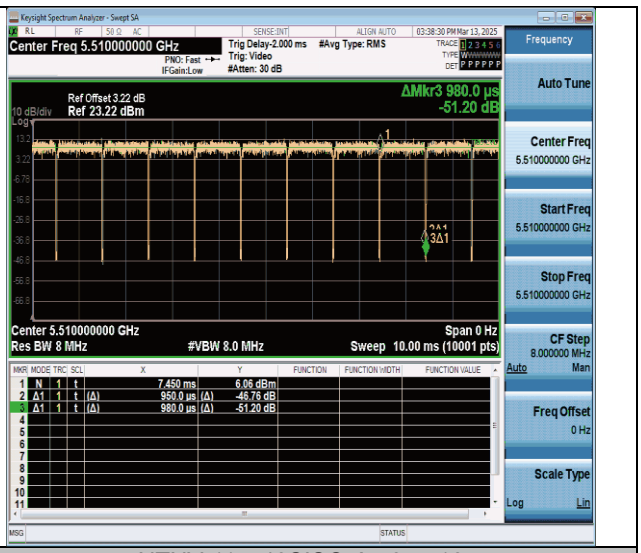


NTNV-11ac40SISO-Ant0-5310



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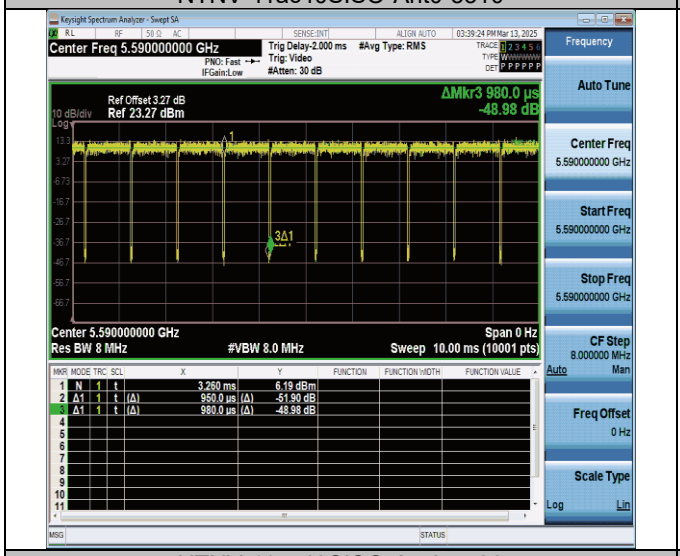

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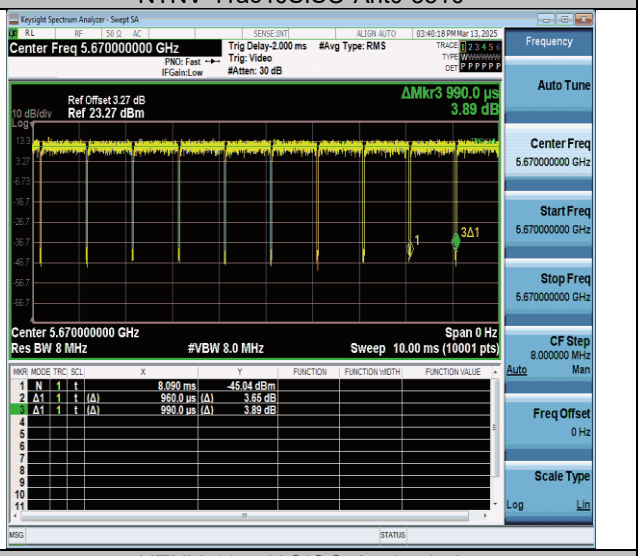

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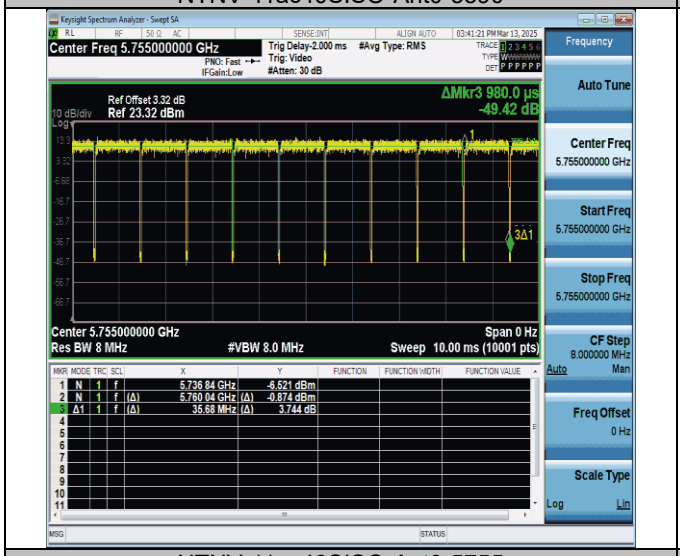
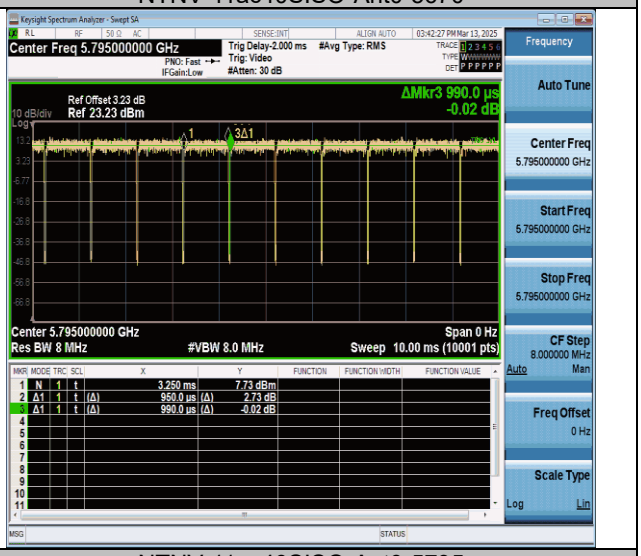


NTNV-11ac40SISO-Ant0-5755



NTNV-11ac40SISO-Ant0-5795

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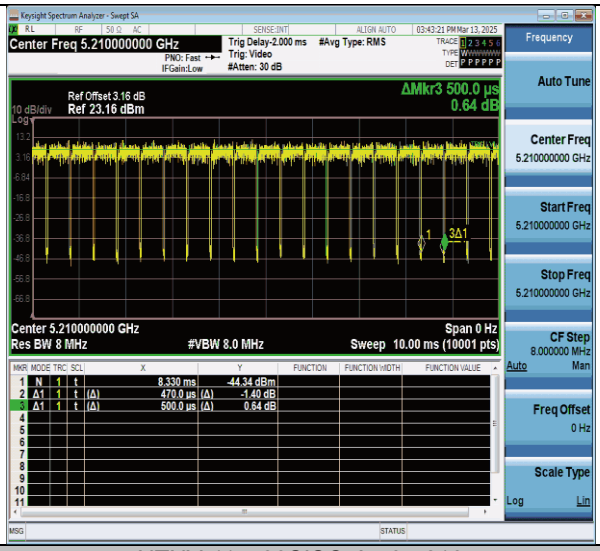
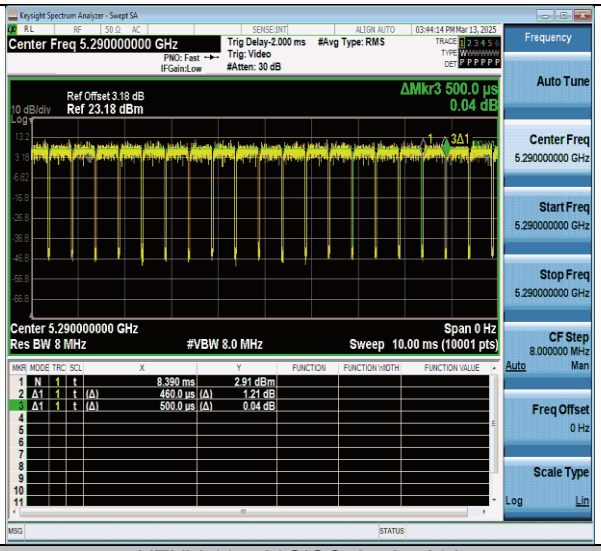


NTNV-11ac80SISO-Ant0-5210



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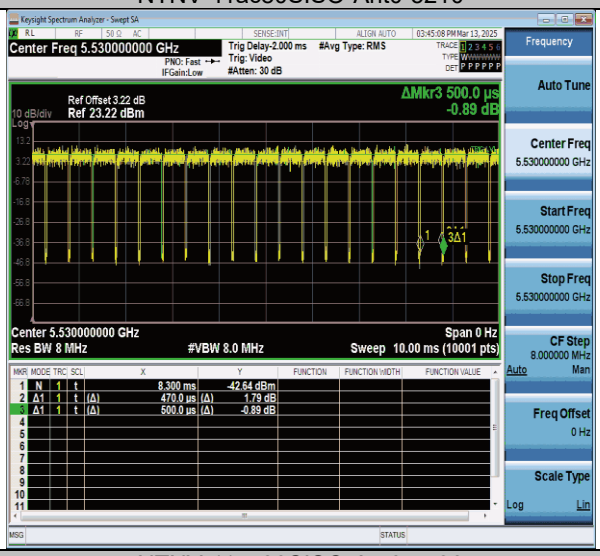
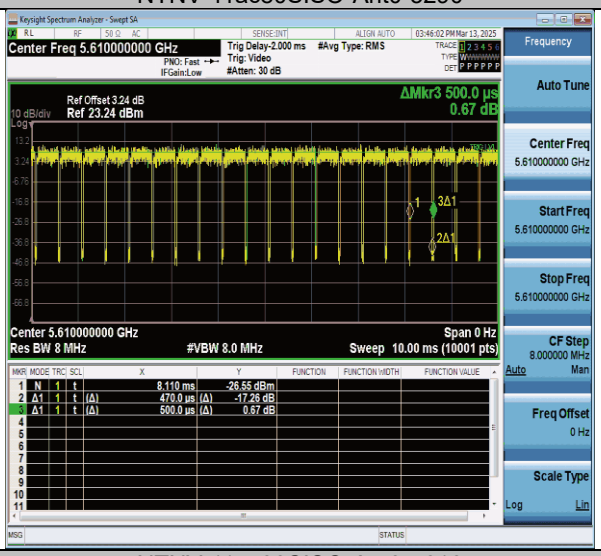
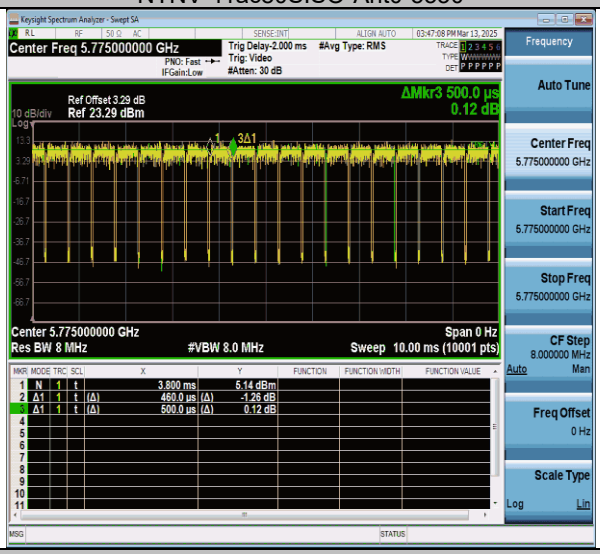


NTNV-11ac80SISO-Ant0-5530



NTNV-11ac80SISO-Ant0-5610



NTNV-11ac80SISO-Ant0-5775

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Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5180	16.23	≤23.98	PASS
11a	Ant0	5200	16.08	≤23.98	PASS
11a	Ant0	5240	15.97	≤23.98	PASS
11n20SISO	Ant0	5180	16.04	≤23.98	PASS
11n20SISO	Ant0	5200	15.92	≤23.98	PASS
11n20SISO	Ant0	5240	15.81	≤23.98	PASS
11n40SISO	Ant0	5190	15.82	≤23.98	PASS
11n40SISO	Ant0	5230	15.64	≤23.98	PASS
11ac20SISO	Ant0	5180	15.08	≤23.98	PASS
11ac20SISO	Ant0	5200	14.99	≤23.98	PASS
11ac20SISO	Ant0	5240	15.21	≤23.98	PASS
11ac40SISO	Ant0	5190	14.68	≤23.98	PASS
11ac40SISO	Ant0	5230	14.51	≤23.98	PASS
11ac80SISO	Ant0	5210	13.44	≤23.98	PASS

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5260	15.89	≤23.98	PASS
11a	Ant0	5300	15.85	≤23.98	PASS
11a	Ant0	5320	15.88	≤23.98	PASS
11n20SISO	Ant0	5260	15.73	≤23.98	PASS
11n20SISO	Ant0	5300	15.69	≤23.98	PASS
11n20SISO	Ant0	5320	15.73	≤23.98	PASS
11n40SISO	Ant0	5270	15.91	≤23.98	PASS
11n40SISO	Ant0	5310	15.48	≤23.98	PASS
11ac20SISO	Ant0	5260	15.15	≤23.98	PASS
11ac20SISO	Ant0	5300	14.71	≤23.98	PASS
11ac20SISO	Ant0	5320	14.73	≤23.98	PASS
11ac40SISO	Ant0	5270	14.72	≤23.98	PASS
11ac40SISO	Ant0	5310	14.38	≤23.98	PASS
11ac80SISO	Ant0	5290	13.35	≤23.98	PASS

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Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5500	15.75	≤23.98	PASS
11a	Ant0	5580	15.81	≤23.98	PASS
11a	Ant0	5700	15.77	≤23.98	PASS
11n20SISO	Ant0	5500	15.58	≤23.98	PASS
11n20SISO	Ant0	5580	15.64	≤23.98	PASS
11n20SISO	Ant0	5700	15.64	≤23.98	PASS
11n40SISO	Ant0	5510	15.54	≤23.98	PASS
11n40SISO	Ant0	5590	15.98	≤23.98	PASS
11n40SISO	Ant0	5670	15.95	≤23.98	PASS
11ac20SISO	Ant0	5500	14.70	≤23.98	PASS
11ac20SISO	Ant0	5580	15.03	≤23.98	PASS
11ac20SISO	Ant0	5700	15.11	≤23.98	PASS
11ac40SISO	Ant0	5510	14.61	≤23.98	PASS
11ac40SISO	Ant0	5590	14.78	≤23.98	PASS
11ac40SISO	Ant0	5670	14.72	≤23.98	PASS
11ac80SISO	Ant0	5530	13.39	≤23.98	PASS
11ac80SISO	Ant0	5610	13.24	≤23.98	PASS

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11a	Ant0	5745	16.03	≤30.00	PASS
11a	Ant0	5785	16.33	≤30.00	PASS
11a	Ant0	5825	16.38	≤30.00	PASS
11n20SISO	Ant0	5745	15.85	≤30.00	PASS
11n20SISO	Ant0	5785	16.21	≤30.00	PASS
11n20SISO	Ant0	5825	16.17	≤30.00	PASS
11n40SISO	Ant0	5755	16.01	≤30.00	PASS
11n40SISO	Ant0	5795	16.05	≤30.00	PASS
11ac20SISO	Ant0	5745	15.31	≤30.00	PASS
11ac20SISO	Ant0	5785	15.32	≤30.00	PASS
11ac20SISO	Ant0	5825	15.29	≤30.00	PASS
11ac40SISO	Ant0	5755	14.85	≤30.00	PASS
11ac40SISO	Ant0	5795	14.99	≤30.00	PASS
11ac80SISO	Ant0	5775	14.03	≤30.00	PASS

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Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11a	Ant0	5180	2.53	≤11.00	PASS
11a	Ant0	5200	2.33	≤11.00	PASS
11a	Ant0	5240	2.71	≤11.00	PASS
11a	Ant0	5260	2.50	≤11.00	PASS
11a	Ant0	5300	2.13	≤11.00	PASS
11a	Ant0	5320	2.62	≤11.00	PASS
11a	Ant0	5500	1.75	≤11.00	PASS
11a	Ant0	5580	2.23	≤11.00	PASS
11a	Ant0	5700	2.92	≤11.00	PASS
11a	Ant0	5745	0.73	≤30.00	PASS
11a	Ant0	5785	1.49	≤30.00	PASS
11a	Ant0	5825	1.57	≤30.00	PASS
11n20SISO	Ant0	5180	1.86	≤11.00	PASS
11n20SISO	Ant0	5200	1.83	≤11.00	PASS
11n20SISO	Ant0	5240	2.29	≤11.00	PASS
11n20SISO	Ant0	5260	1.88	≤11.00	PASS
11n20SISO	Ant0	5300	1.76	≤11.00	PASS
11n20SISO	Ant0	5320	1.99	≤11.00	PASS
11n20SISO	Ant0	5500	1.18	≤11.00	PASS
11n20SISO	Ant0	5580	1.85	≤11.00	PASS
11n20SISO	Ant0	5700	2.55	≤11.00	PASS
11n20SISO	Ant0	5745	0.53	≤30.00	PASS
11n20SISO	Ant0	5785	0.78	≤30.00	PASS
11n20SISO	Ant0	5825	0.83	≤30.00	PASS
11n40SISO	Ant0	5190	-1.31	≤11.00	PASS
11n40SISO	Ant0	5230	-1.03	≤11.00	PASS
11n40SISO	Ant0	5270	-0.89	≤11.00	PASS
11n40SISO	Ant0	5310	-1.27	≤11.00	PASS
11n40SISO	Ant0	5510	-1.86	≤11.00	PASS
11n40SISO	Ant0	5590	-0.91	≤11.00	PASS
11n40SISO	Ant0	5670	-0.02	≤11.00	PASS
11n40SISO	Ant0	5755	-2.39	≤30.00	PASS
11n40SISO	Ant0	5795	-2.67	≤30.00	PASS
11ac20SISO	Ant0	5180	0.92	≤11.00	PASS
11ac20SISO	Ant0	5200	0.95	≤11.00	PASS
11ac20SISO	Ant0	5240	1.55	≤11.00	PASS
11ac20SISO	Ant0	5260	1.46	≤11.00	PASS
11ac20SISO	Ant0	5300	1.20	≤11.00	PASS
11ac20SISO	Ant0	5320	1.51	≤11.00	PASS
11ac20SISO	Ant0	5500	0.56	≤11.00	PASS
11ac20SISO	Ant0	5580	1.39	≤11.00	PASS
11ac20SISO	Ant0	5700	2.05	≤11.00	PASS
11ac20SISO	Ant0	5745	-0.22	≤30.00	PASS
11ac20SISO	Ant0	5785	-0.01	≤30.00	PASS
11ac20SISO	Ant0	5825	-0.21	≤30.00	PASS
11ac40SISO	Ant0	5190	-2.57	≤11.00	PASS
11ac40SISO	Ant0	5230	-2.15	≤11.00	PASS
11ac40SISO	Ant0	5270	-2.05	≤11.00	PASS
11ac40SISO	Ant0	5310	-2.40	≤11.00	PASS
11ac40SISO	Ant0	5510	-2.91	≤11.00	PASS
11ac40SISO	Ant0	5590	-2.05	≤11.00	PASS
11ac40SISO	Ant0	5670	-1.57	≤11.00	PASS
11ac40SISO	Ant0	5755	-4.10	≤30.00	PASS
11ac40SISO	Ant0	5795	-3.58	≤30.00	PASS
11ac80SISO	Ant0	5210	-6.44	≤11.00	PASS
11ac80SISO	Ant0	5290	-6.59	≤11.00	PASS
11ac80SISO	Ant0	5530	-6.76	≤11.00	PASS
11ac80SISO	Ant0	5610	-6.49	≤11.00	PASS
11ac80SISO	Ant0	5775	-7.29	≤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 and RBW Factor is compensated in the graph.

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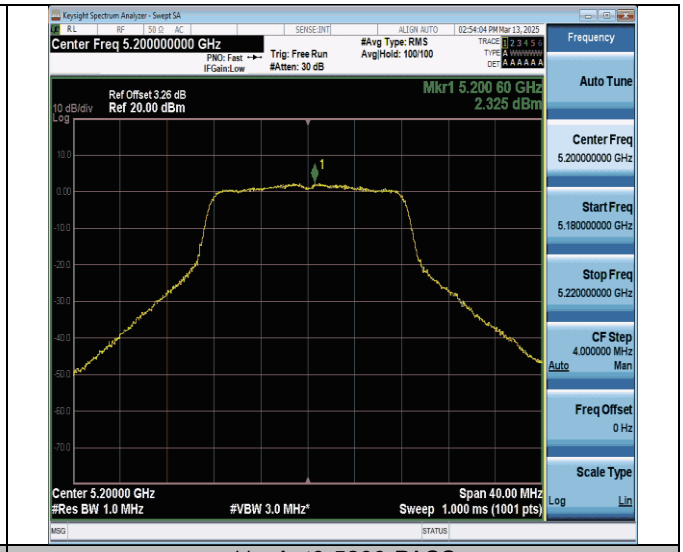
Test Graphs

11a-Ant0-5180-PASS



11a-Ant0-5200-PASS

11a-Ant0-5240-PASS

11a-Ant0-5260-PASS

11a-Ant0-5300-PASS

11a-Ant0-5320-PASS

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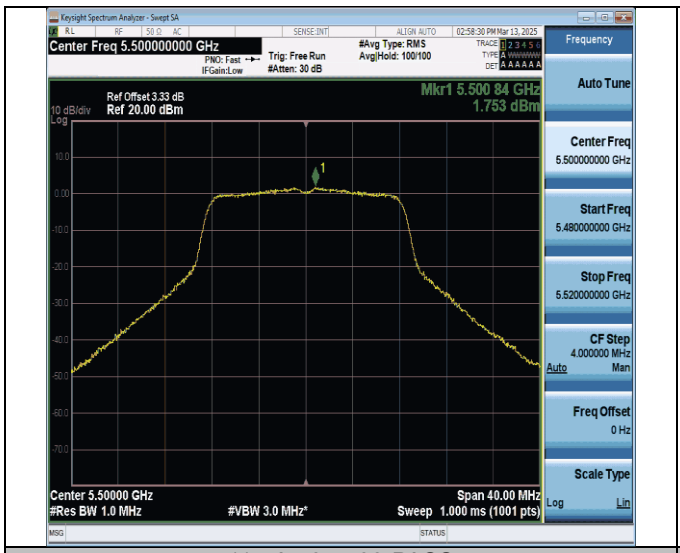
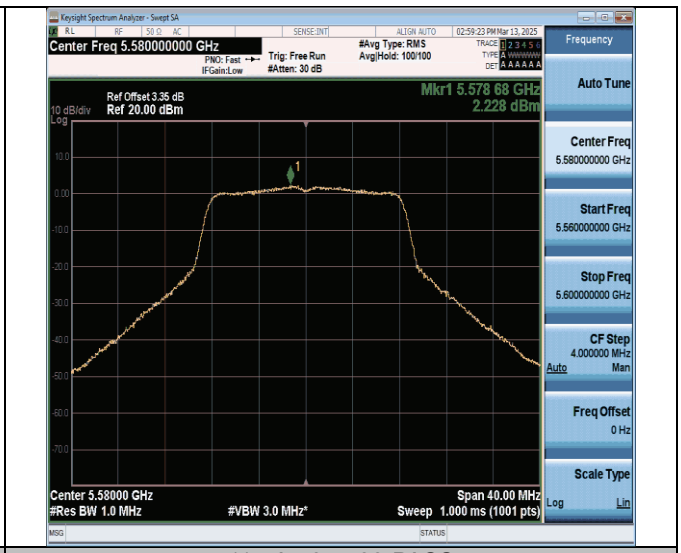


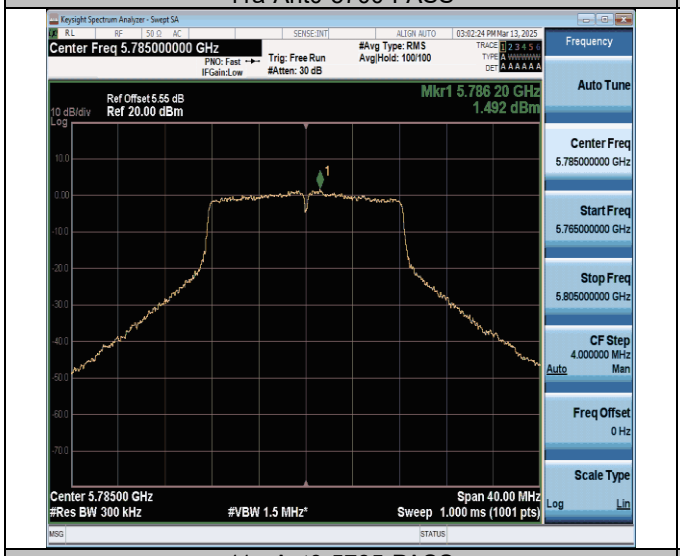
11a-Ant0-5500-PASS



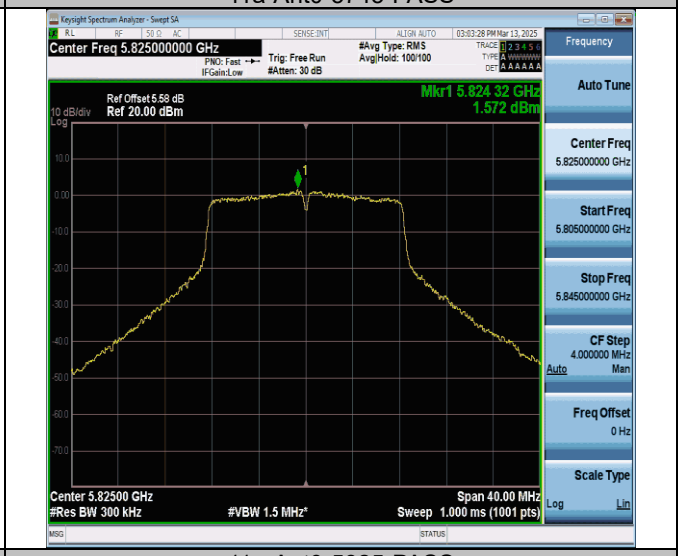
11a-Ant0-5580-PASS

11a-Ant0-5700-PASS

11a-Ant0-5745-PASS



11a-Ant0-5785-PASS



11a-Ant0-5825-PASS

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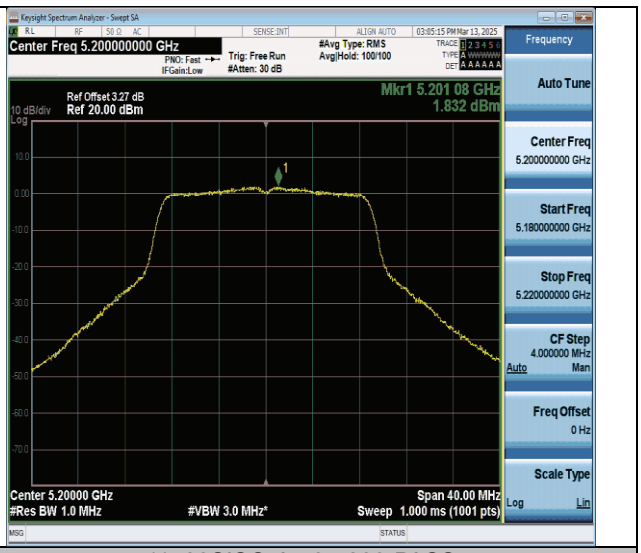
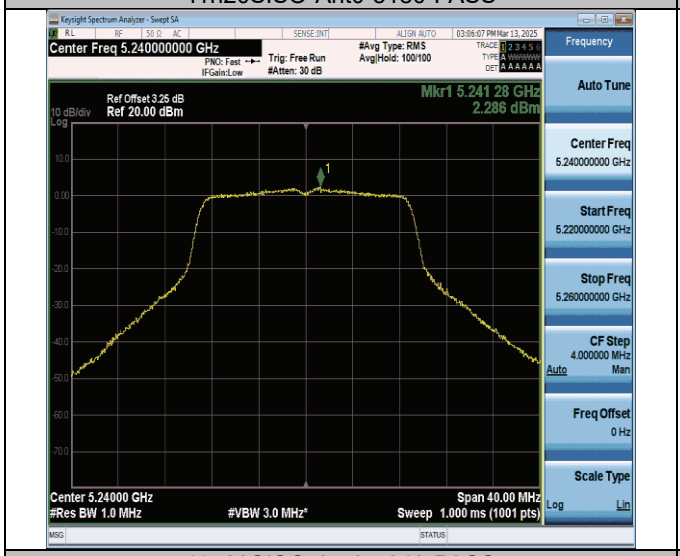
11n20SISO-Ant0-5180-PASS



11n20SISO-Ant0-5200-PASS



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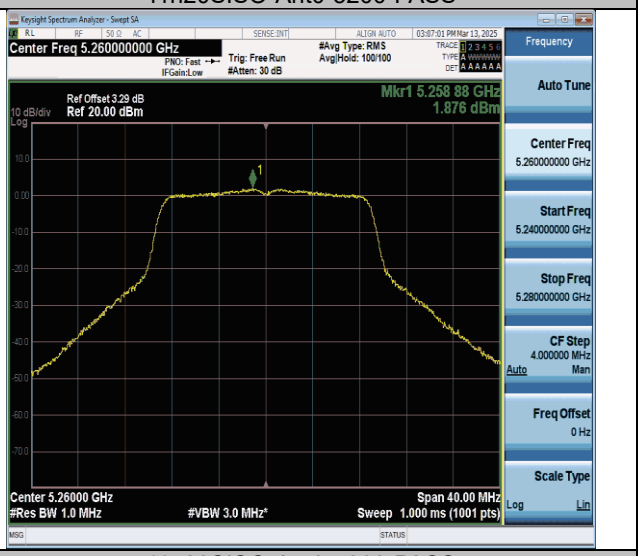
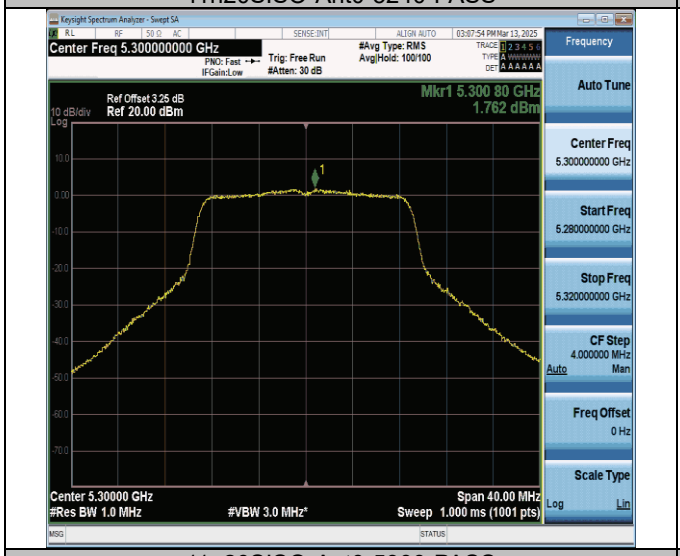
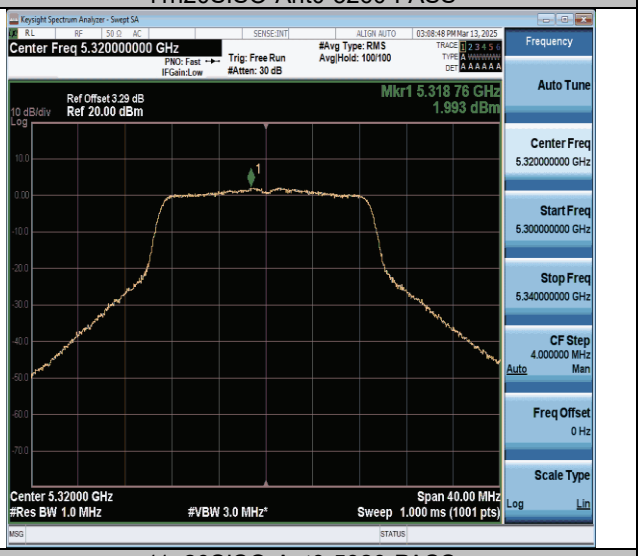


11n20SISO-Ant0-5260-PASS



11n20SISO-Ant0-5300-PASS



11n20SISO-Ant0-5320-PASS

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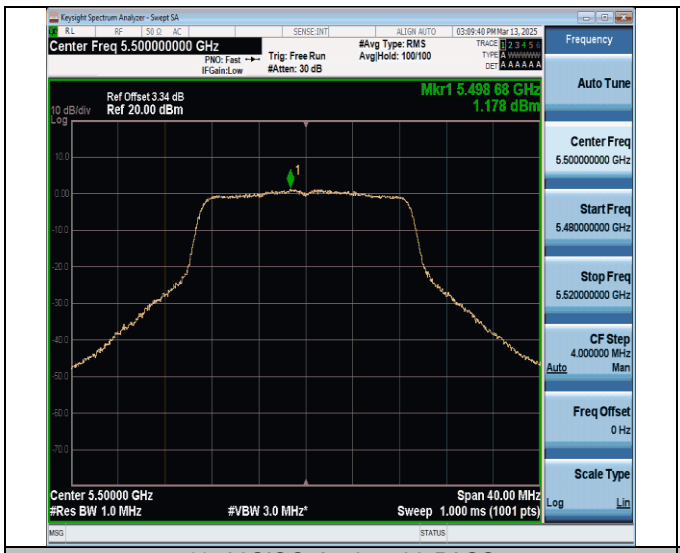
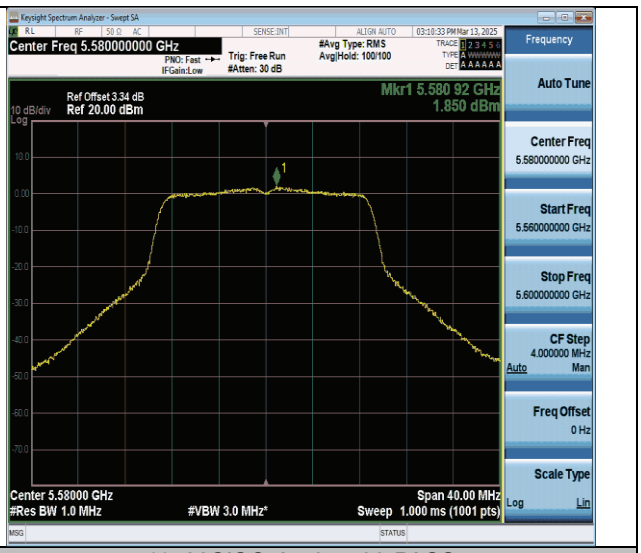
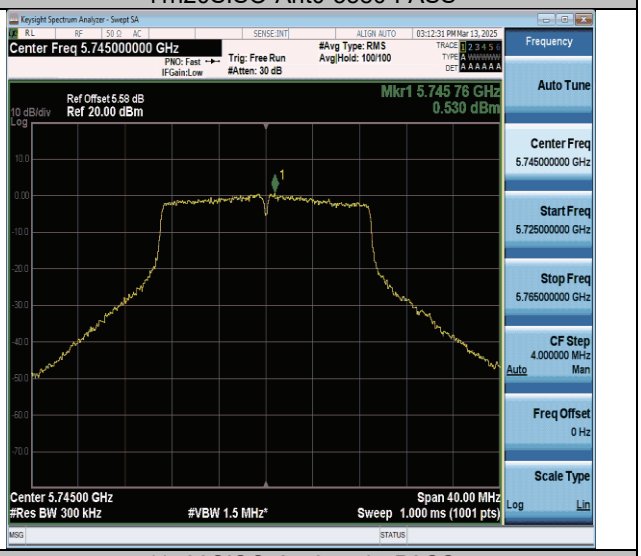


11n20SISO-Ant0-5500-PASS



11n20SISO-Ant0-5580-PASS

11n20SISO-Ant0-5700-PASS



11n20SISO-Ant0-5745-PASS

11n20SISO-Ant0-5785-PASS

11n20SISO-Ant0-5825-PASS

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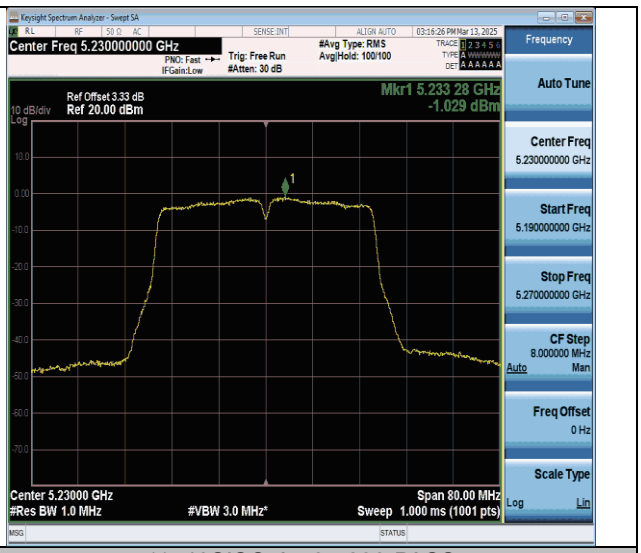
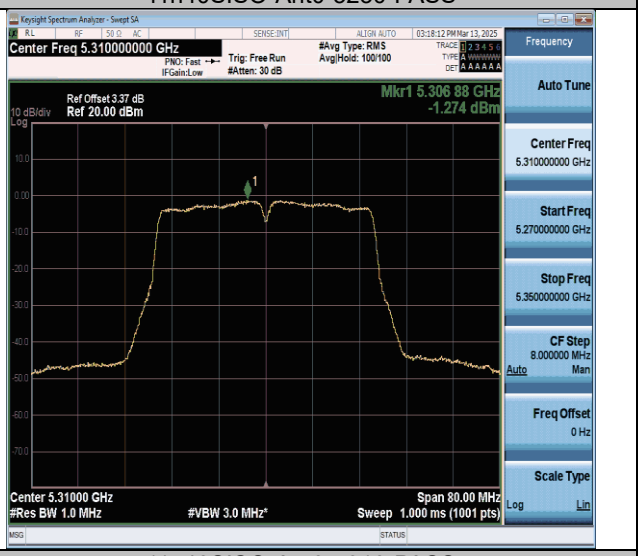
11n40SISO-Ant0-5190-PASS



11n40SISO-Ant0-5230-PASS

11n40SISO-Ant0-5270-PASS



11n40SISO-Ant0-5310-PASS

11n40SISO-Ant0-5510-PASS

11n40SISO-Ant0-5590-PASS

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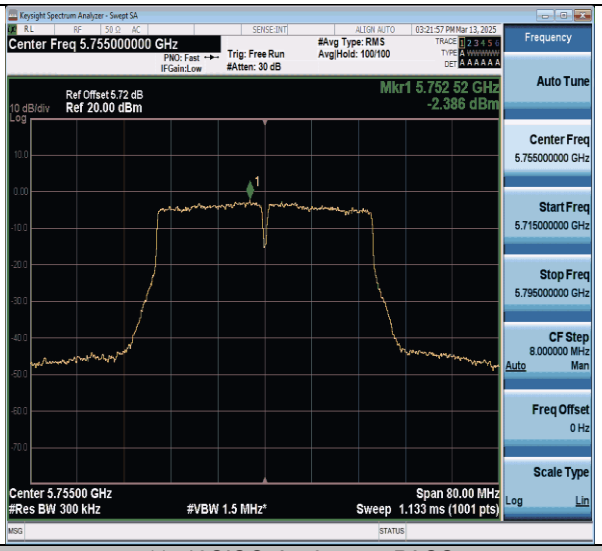
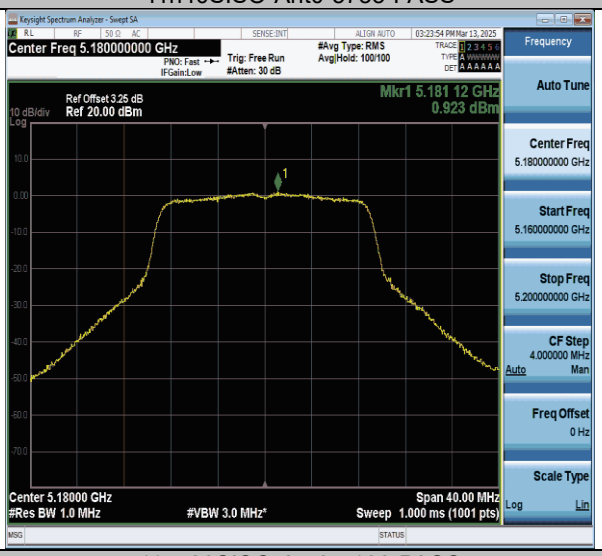
11n40SISO-Ant0-5670-PASS



11n40SISO-Ant0-5755-PASS

11n40SISO-Ant0-5795-PASS



11ac20SISO-Ant0-5180-PASS

11ac20SISO-Ant0-5200-PASS

11ac20SISO-Ant0-5240-PASS

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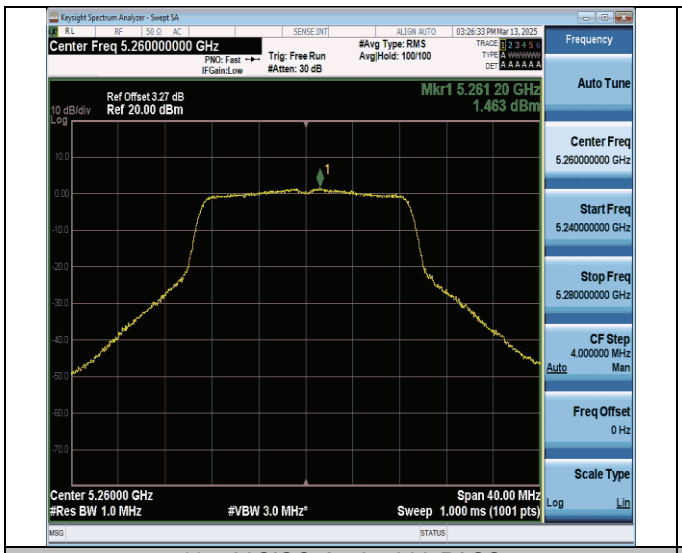
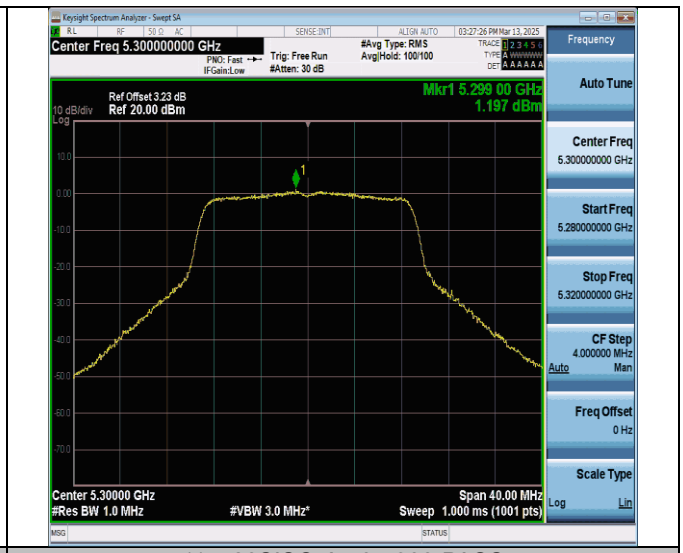
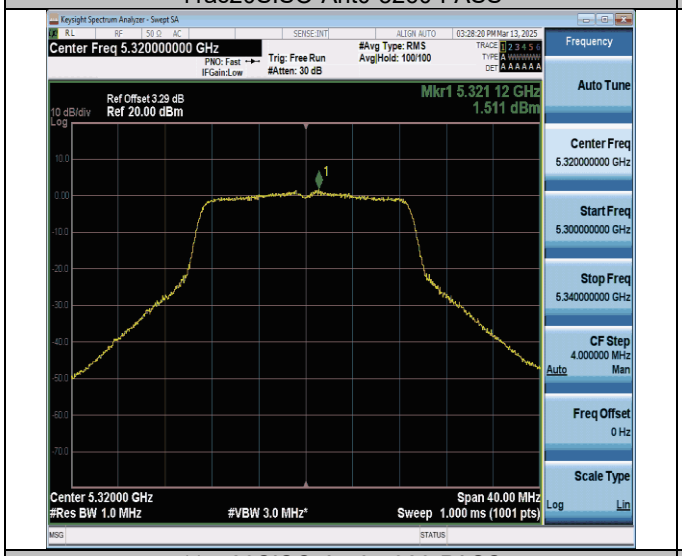


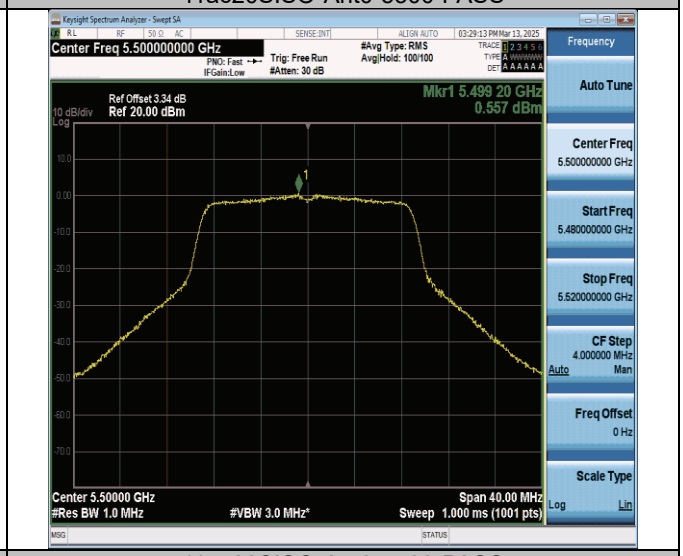
11ac20SISO-Ant0-5260-PASS



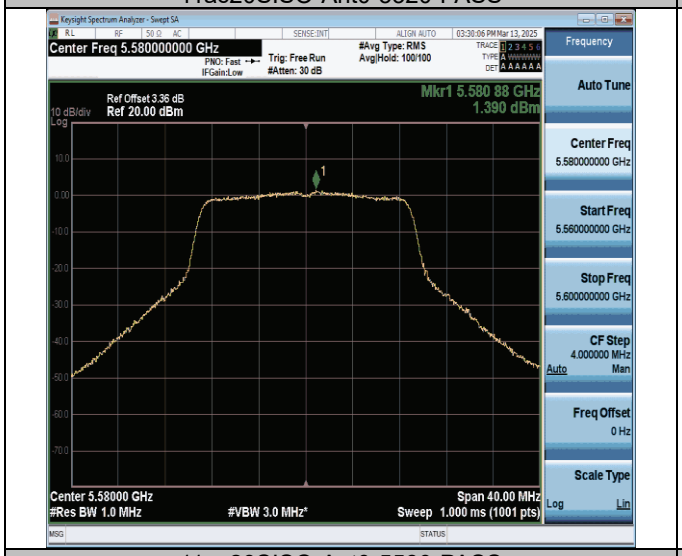
11ac20SISO-Ant0-5300-PASS



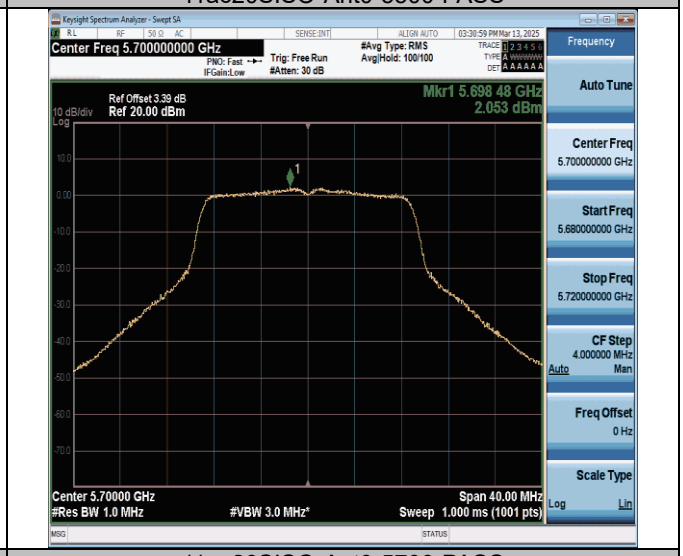
11ac20SISO-Ant0-5320-PASS



11ac20SISO-Ant0-5500-PASS



11ac20SISO-Ant0-5580-PASS



11ac20SISO-Ant0-5700-PASS

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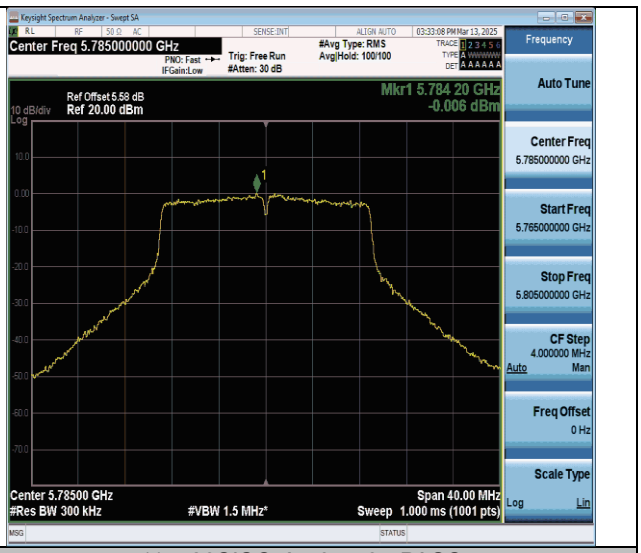
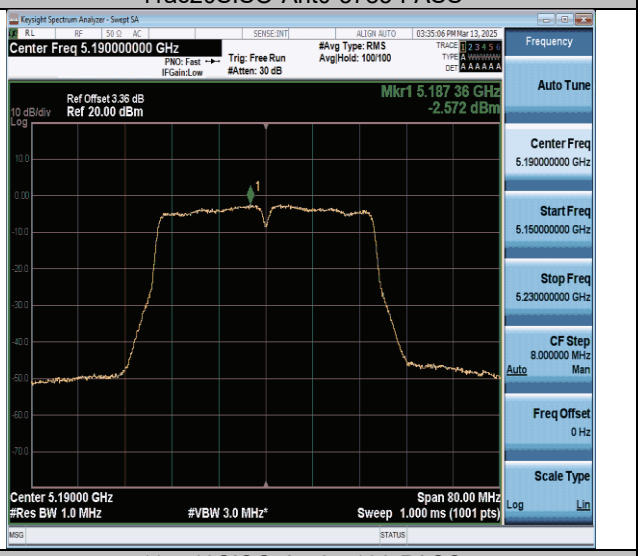
11ac20SISO-Ant0-5745-PASS



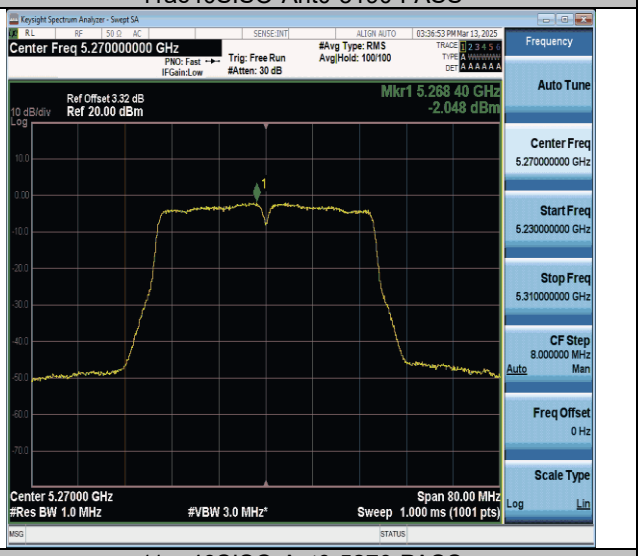
11ac20SISO-Ant0-5785-PASS

11ac20SISO-Ant0-5825-PASS



11ac40SISO-Ant0-5190-PASS

11ac40SISO-Ant0-5230-PASS



11ac40SISO-Ant0-5270-PASS

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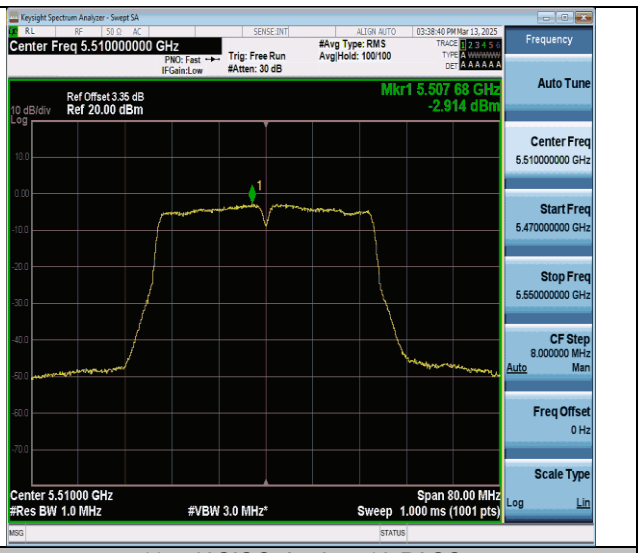
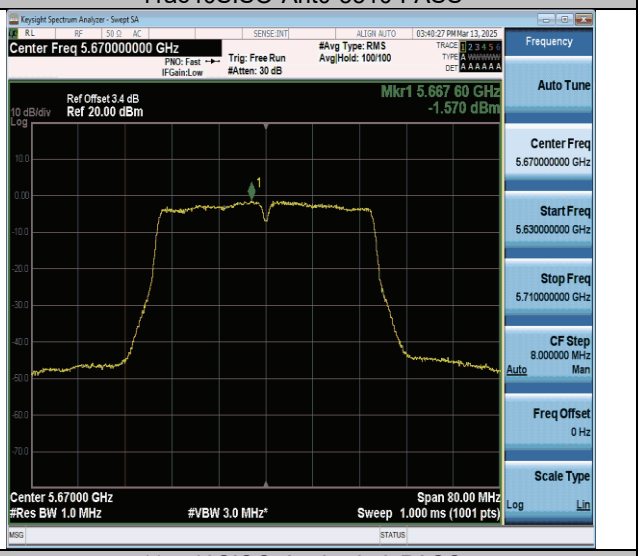
11ac40SISO-Ant0-5310-PASS



11ac40SISO-Ant0-5510-PASS

11ac40SISO-Ant0-5590-PASS



11ac40SISO-Ant0-5670-PASS

11ac40SISO-Ant0-5755-PASS

11ac40SISO-Ant0-5795-PASS

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11ac80SISO-Ant0-5210-PASS

11ac80SISO-Ant0-5290-PASS

11ac80SISO-Ant0-5530-PASS

11ac80SISO-Ant0-5610-PASS

11ac80SISO-Ant0-5775-PASS

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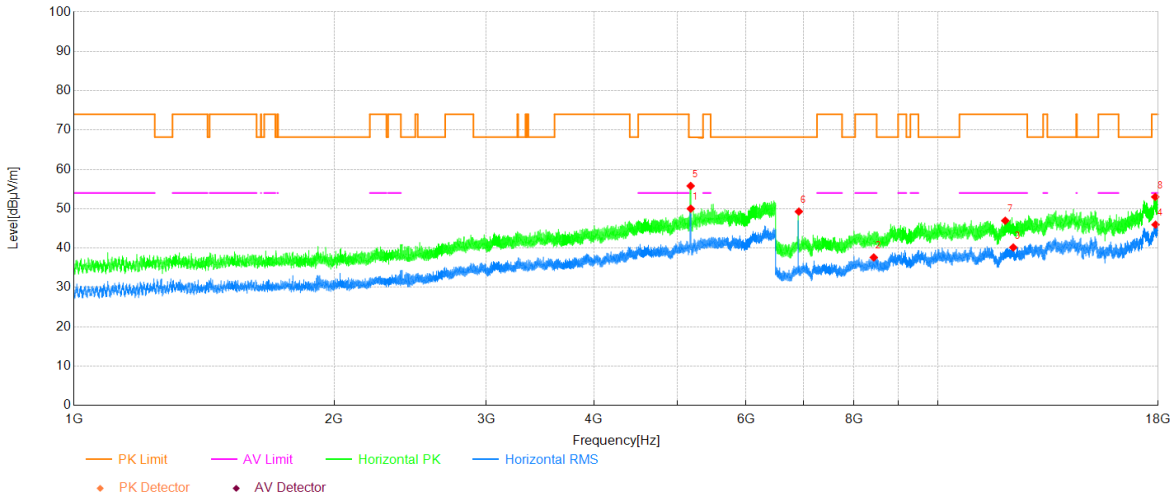
Radiated Spurious Emissions

Test Result

Project Information			
Mode:	802.11a	Band:	U-NII-1
Bandwidth	-	Channel	36
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	5177.39	36.10	13.91	50.01	-	-	Horizontal	NA
2	8434.36	36.54	1.09	37.63	54.00	16.37	Horizontal	PASS
3	12235.62	34.83	5.34	40.17	54.00	13.83	Horizontal	PASS
4	17879.25	32.35	13.61	45.96	54.00	8.04	Horizontal	PASS
5	5176.29	41.89	13.91	55.80	-	-	Horizontal	NA
6	6906.73	51.05	-1.76	49.29	68.20	18.91	Horizontal	PASS
7	11976.10	41.85	5.11	46.96	74.00	27.04	Horizontal	PASS
8	17865.06	39.23	13.79	53.02	74.00	20.98	Horizontal	PASS

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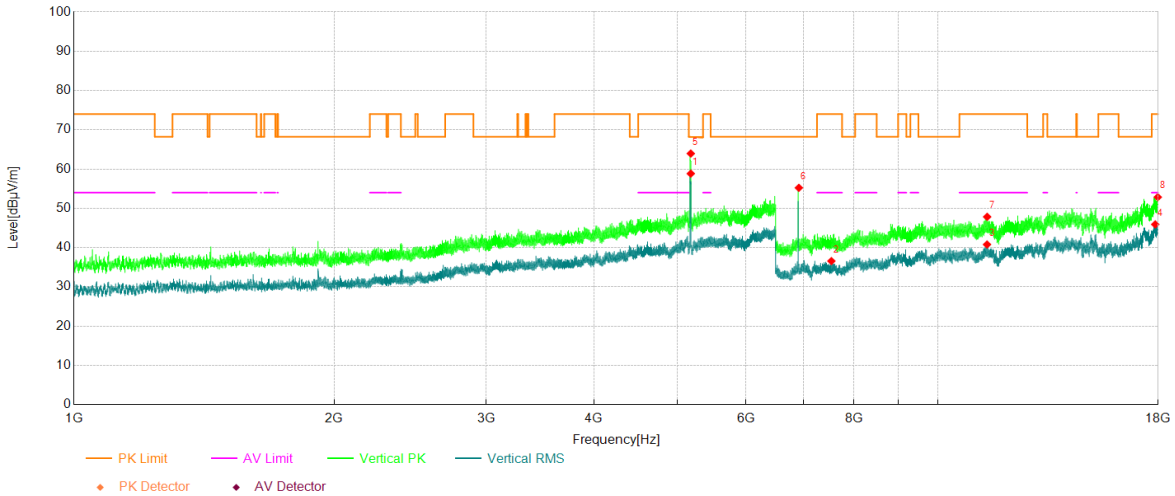
Project Information			
Mode:	802.11a	Band:	U-NII-1
Bandwidth	-	Channel	36
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	5177.76	44.94	13.90	58.84	-	-	Vertical	NA
2	7533.12	37.52	-0.95	36.57	54.00	17.43	Vertical	PASS
3	11407.98	35.45	5.34	40.79	54.00	13.21	Vertical	PASS
4	17865.83	32.13	13.78	45.91	54.00	8.09	Vertical	PASS
5	5177.57	50.05	13.90	63.95	-	-	Vertical	NA
6	6906.73	56.98	-1.76	55.22	68.20	12.98	Vertical	PASS
7	11412.58	42.52	5.31	47.83	74.00	26.17	Vertical	PASS
8	17986.58	39.24	13.60	52.84	74.00	21.16	Vertical	PASS

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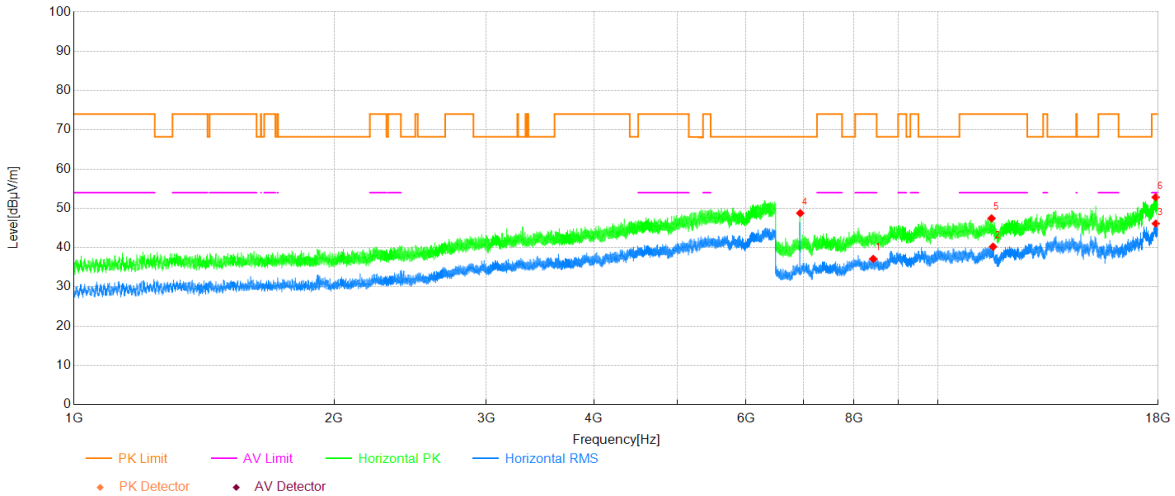
Project Information			
Mode:	802.11a	Band:	U-NII-1
Bandwidth	-	Channel	40
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	8422.48	36.09	1.03	37.12	54.00	16.88	Horizontal	PASS
2	11592.75	34.60	5.63	40.23	54.00	13.77	Horizontal	PASS
3	17893.43	32.68	13.43	46.11	54.00	7.89	Horizontal	PASS
4	6933.18	50.79	-2.02	48.77	68.20	19.43	Horizontal	PASS
5	11545.60	42.56	4.88	47.44	74.00	26.56	Horizontal	PASS
6	17887.30	39.33	13.50	52.83	74.00	21.17	Horizontal	PASS

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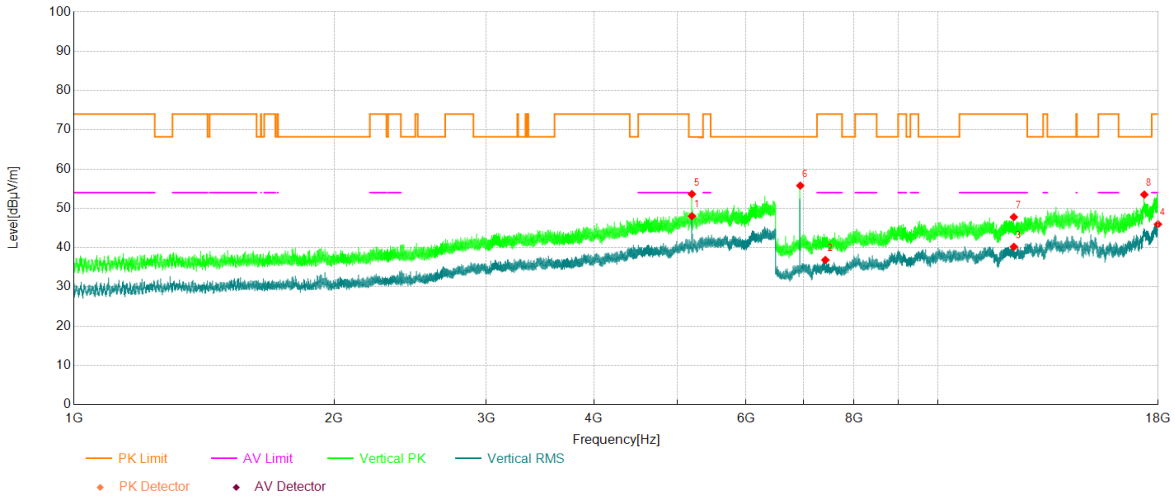
Project Information			
Mode:	802.11a	Band:	U-NII-1
Bandwidth	-	Channel	40
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	5192.61	34.08	13.91	47.99	-	-	Vertical	NA
2	7413.13	37.48	-0.63	36.85	54.00	17.15	Vertical	PASS
3	12254.79	34.86	5.33	40.19	54.00	13.81	Vertical	PASS
4	17996.17	32.21	13.73	45.94	54.00	8.06	Vertical	PASS
5	5192.61	39.71	13.91	53.62	-	-	Vertical	NA
6	6933.56	57.81	-2.03	55.78	68.20	12.42	Vertical	PASS
7	12254.41	42.43	5.34	47.77	74.00	26.23	Vertical	PASS
8	17354.06	41.27	12.22	53.49	68.20	14.71	Vertical	PASS

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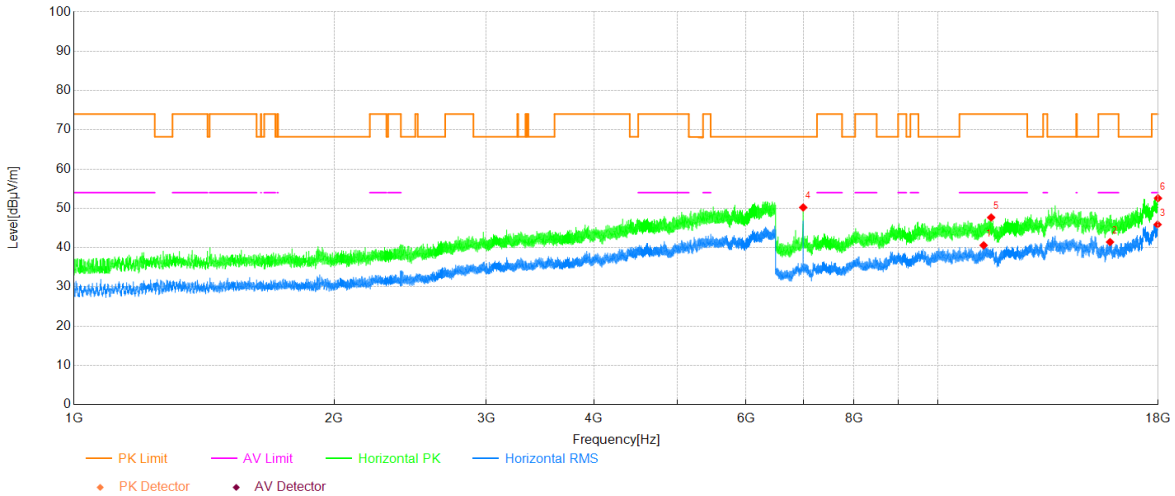
Project Information			
Mode:	802.11a	Band:	U-NII-1
Bandwidth	-	Channel	48
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	11306.78	35.89	4.69	40.58	54.00	13.42	Horizontal	PASS
2	15837.93	33.38	8.03	41.41	54.00	12.59	Horizontal	PASS
3	17979.68	32.37	13.50	45.87	54.00	8.13	Horizontal	PASS
4	6986.85	52.06	-1.84	50.22	68.20	17.98	Horizontal	PASS
5	11534.48	42.79	4.87	47.66	74.00	26.34	Horizontal	PASS
6	17998.47	38.81	13.76	52.57	74.00	21.43	Horizontal	PASS

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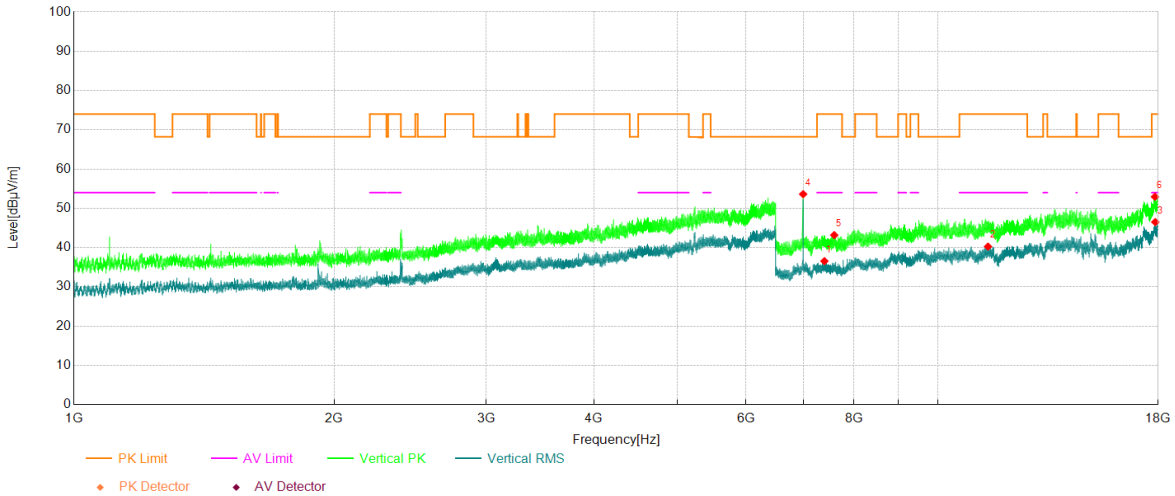
Project Information			
Mode:	802.11a	Band:	U-NII-1
Bandwidth	-	Channel	48
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	7394.73	36.93	-0.37	36.56	54.00	17.44	Vertical	PASS
2	11438.26	35.12	5.14	40.26	54.00	13.74	Vertical	PASS
3	17867.75	32.74	13.76	46.50	54.00	7.50	Vertical	PASS
4	6986.47	55.44	-1.84	53.60	68.20	14.60	Vertical	PASS
5	7590.62	44.07	-0.90	43.17	74.00	30.83	Vertical	PASS
6	17852.03	38.98	13.96	52.94	74.00	21.06	Vertical	PASS

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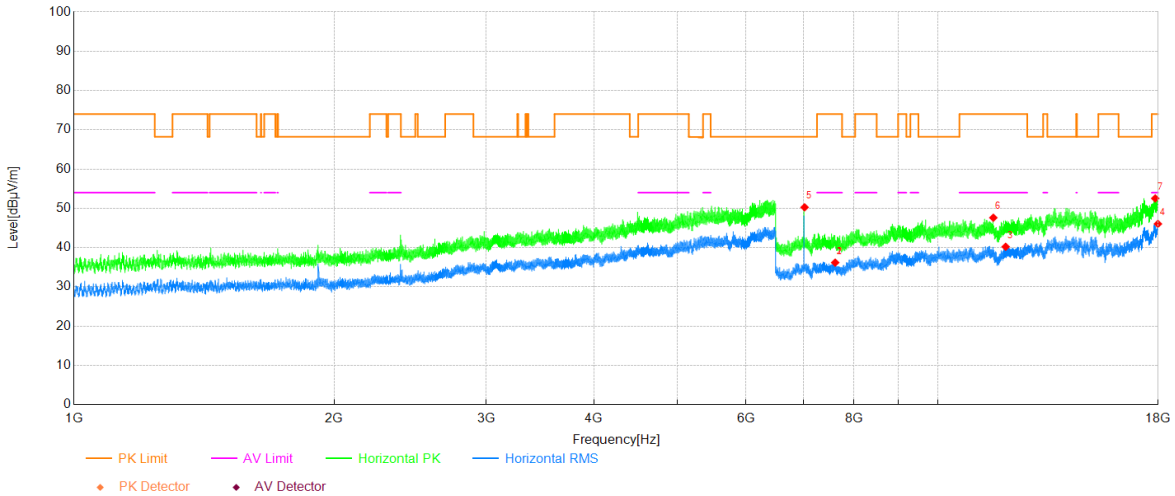
Project Information			
Mode:	802.11a	Band:	U-NII-2A
Bandwidth	-	Channel	52
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	7609.79	37.11	-0.93	36.18	54.00	17.82	Horizontal	PASS
2	7609.79	37.11	-0.93	36.18	54.00	17.82	Horizontal	PASS
3	11989.13	35.03	5.18	40.21	54.00	13.79	Horizontal	PASS
4	17994.63	32.32	13.71	46.03	54.00	7.97	Horizontal	PASS
5	7013.30	51.91	-1.65	50.26	68.20	17.94	Horizontal	PASS
6	11601.95	41.91	5.69	47.60	74.00	26.40	Horizontal	PASS
7	17865.83	38.75	13.78	52.53	74.00	21.47	Horizontal	PASS

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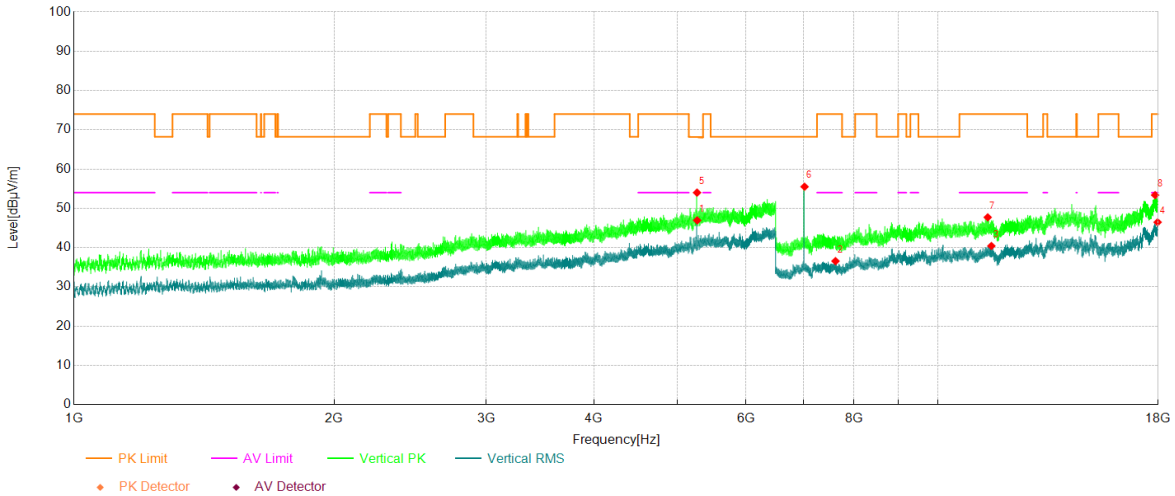
Project Information			
Mode:	802.11a	Band:	U-NII-2A
Bandwidth	-	Channel	52
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	5266.68	32.66	14.27	46.93	-	-	Vertical	NA
2	7616.30	37.49	-0.93	36.56	54.00	17.44	Vertical	PASS
3	11541.38	35.54	4.87	40.41	54.00	13.59	Vertical	PASS
4	17980.83	32.95	13.51	46.46	54.00	7.54	Vertical	PASS
5	5265.21	39.74	14.26	54.00	-	-	Vertical	NA
6	7013.30	57.15	-1.65	55.50	68.20	12.70	Vertical	PASS
7	11429.45	42.51	5.20	47.71	74.00	26.29	Vertical	PASS
8	17860.46	39.51	13.85	53.36	74.00	20.64	Vertical	PASS

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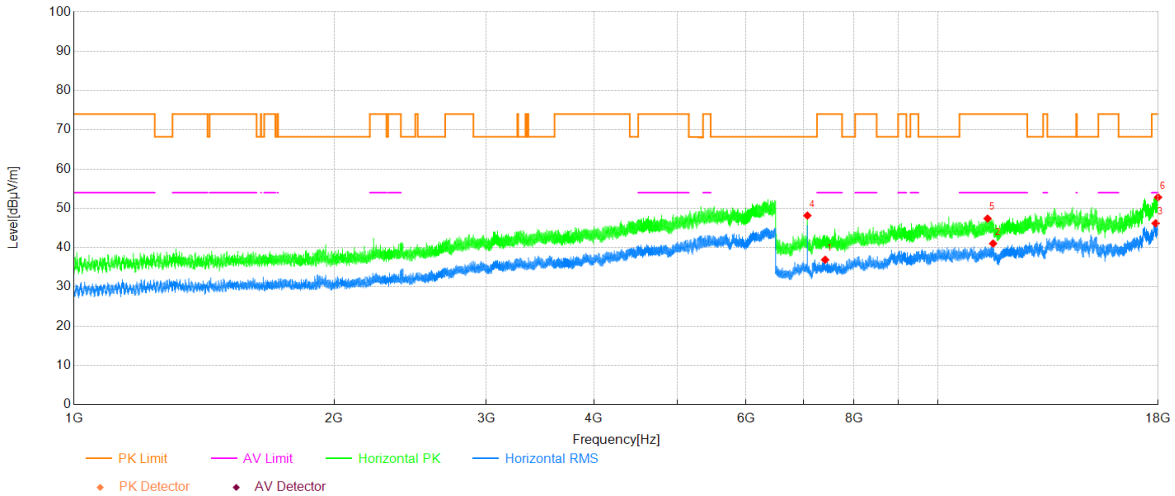
Project Information			
Mode:	802.11a	Band:	U-NII-2A
Bandwidth	-	Channel	56
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	7408.53	37.40	-0.50	36.90	54.00	17.10	Horizontal	PASS
2	11594.29	35.39	5.65	41.04	54.00	12.96	Horizontal	PASS
3	17886.15	32.66	13.52	46.18	54.00	7.82	Horizontal	PASS
4	7066.59	49.68	-1.53	48.15	68.20	20.05	Horizontal	PASS
5	11426.00	42.16	5.22	47.38	74.00	26.62	Horizontal	PASS
6	17998.85	39.03	13.78	52.81	74.00	21.19	Horizontal	PASS

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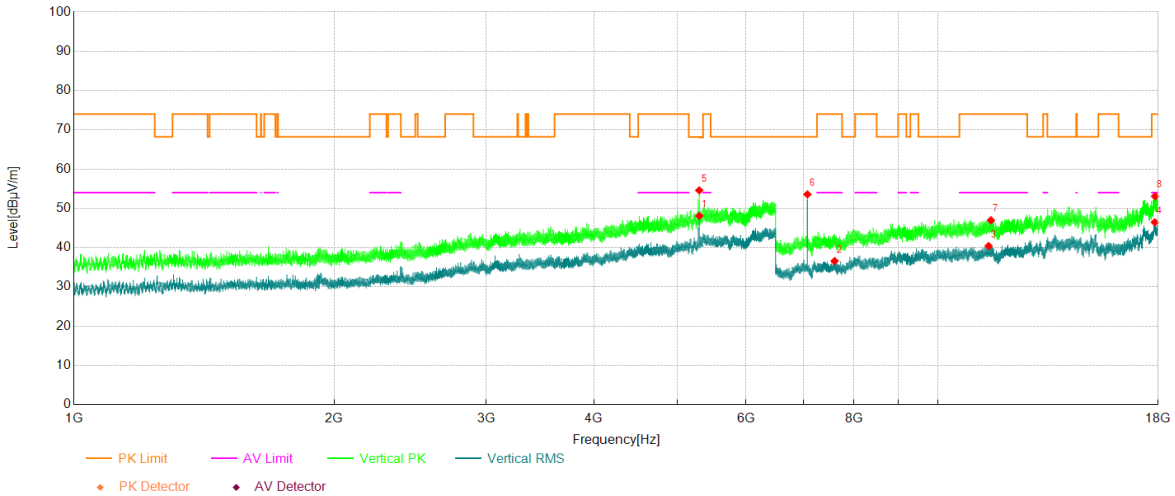
Project Information			
Mode:	802.11a	Band:	U-NII-2A
Bandwidth	-	Channel	56
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	5296.56	33.62	14.47	48.09	-	-	Vertical	NA
2	7597.90	37.49	-0.91	36.58	54.00	17.42	Vertical	PASS
3	11457.05	35.38	5.03	40.41	54.00	13.59	Vertical	PASS
4	17844.74	32.67	13.77	46.44	54.00	7.56	Vertical	PASS
5	5296.01	40.11	14.46	54.57	-	-	Vertical	NA
6	7066.59	55.09	-1.53	53.56	68.20	14.64	Vertical	PASS
7	11526.43	42.11	4.85	46.96	74.00	27.04	Vertical	PASS
8	17857.78	39.18	13.89	53.07	74.00	20.93	Vertical	PASS

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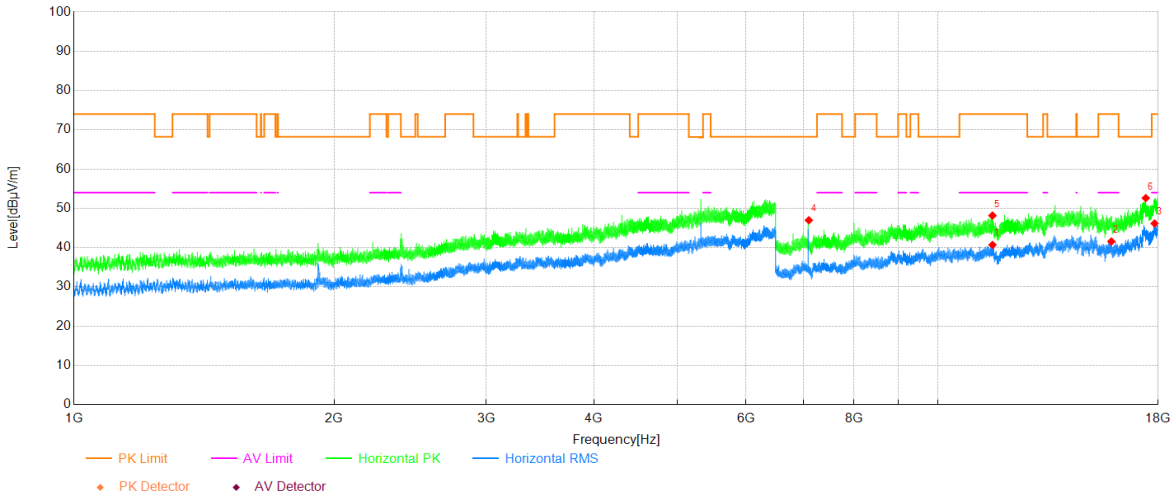
Project Information			
Mode:	802.11a	Band:	U-NII-2A
Bandwidth	-	Channel	64
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	11575.50	35.36	5.33	40.69	54.00	13.31	Horizontal	PASS
2	15893.51	33.58	7.98	41.56	54.00	12.44	Horizontal	PASS
3	17837.46	32.70	13.45	46.15	54.00	7.85	Horizontal	PASS
4	7093.42	48.49	-1.52	46.97	68.20	21.23	Horizontal	PASS
5	11575.50	42.82	5.33	48.15	74.00	25.85	Horizontal	PASS
6	17421.53	40.61	12.00	52.61	68.20	15.59	Horizontal	PASS

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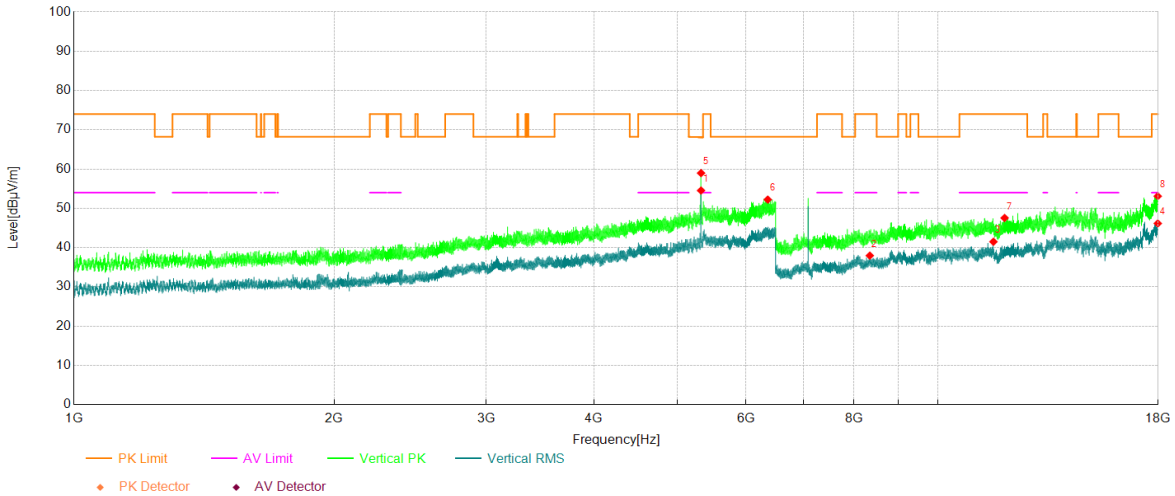
Project Information			
Mode:	802.11a	Band:	U-NII-2A
Bandwidth	-	Channel	64
SN:	E1C24LP16000014	Engineer:	Ou Shuyan
Remark:	Power：16		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	5321.31	39.99	14.55	54.54	-	-	Vertical	NA
2	8345.81	36.92	1.04	37.96	54.00	16.04	Vertical	PASS
3	11605.02	35.90	5.59	41.49	54.00	12.51	Vertical	PASS
4	17987.73	32.54	13.61	46.15	54.00	7.85	Vertical	PASS
5	5321.31	44.42	14.55	58.97	-	-	Vertical	NA
6	6357.55	35.06	17.17	52.23	68.20	15.97	Vertical	PASS
7	11955.78	42.54	5.01	47.55	74.00	26.45	Vertical	PASS
8	17985.43	39.51	13.58	53.09	74.00	20.91	Vertical	PASS

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