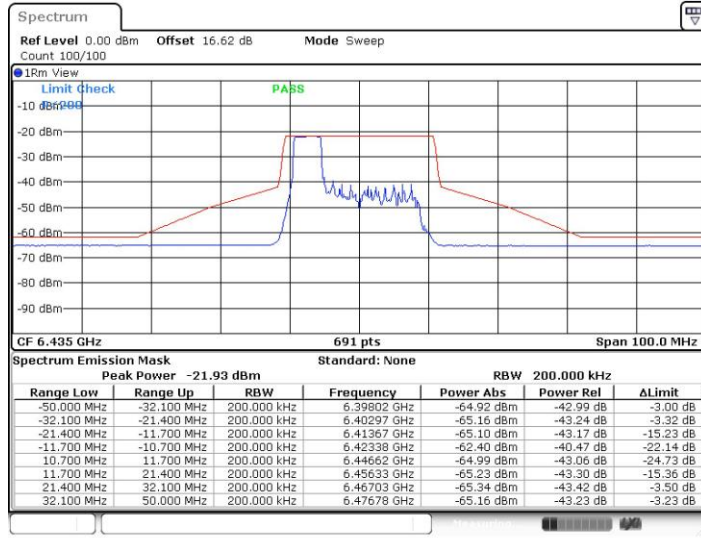


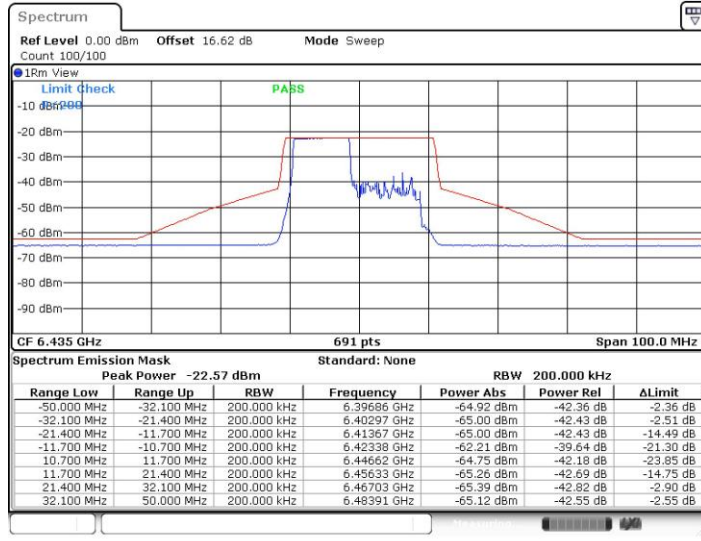


11AX20MIMO\_Ant2\_6435\_52Tone\_RU37



Date: 28.MAR.2022 05:19:36

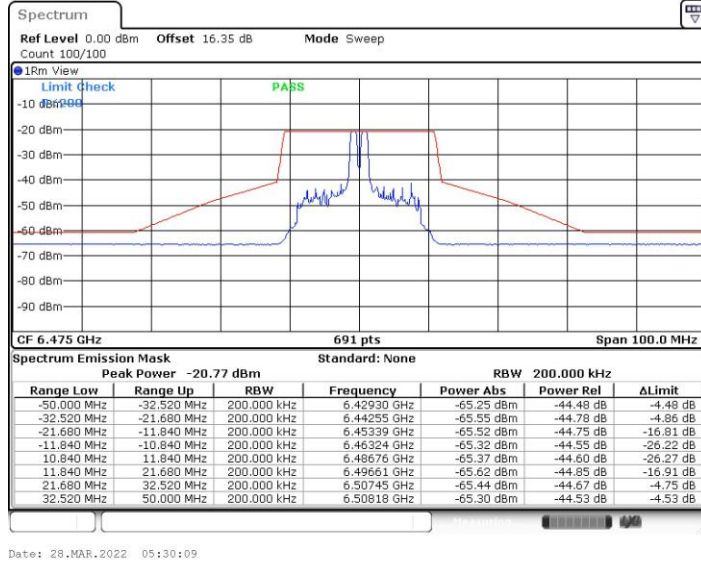
11AX20MIMO\_Ant2\_6435\_106Tone\_RU53



Date: 28.MAR.2022 05:24:13



11AX20MIMO\_Ant1\_6475\_26Tone\_RU4

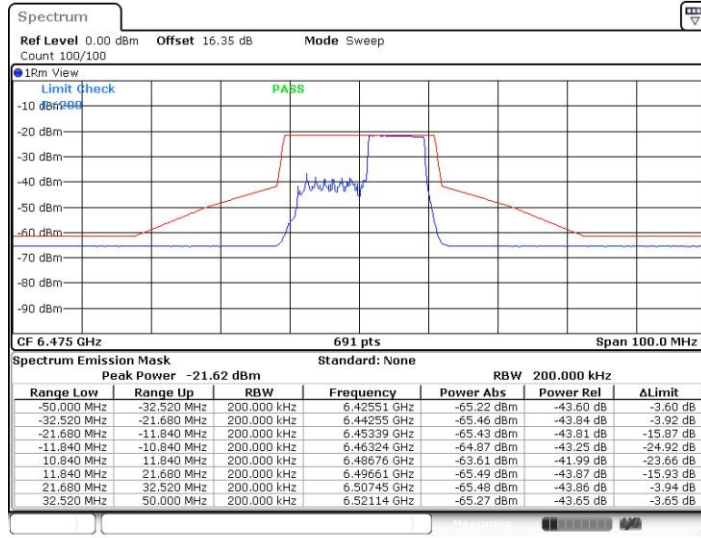


11AX20MIMO\_Ant1\_6475\_52Tone\_RU39



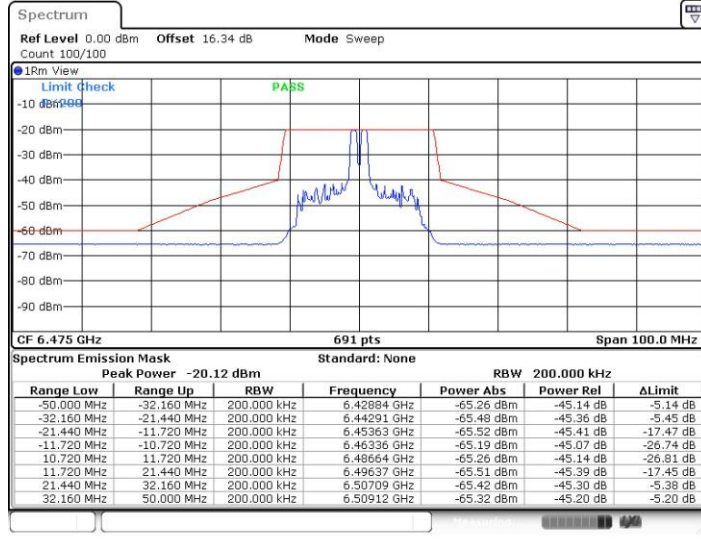


11AX20MIMO\_Ant1\_6475\_106Tone\_RU54



Date: 28.MAR.2022 05:44:39

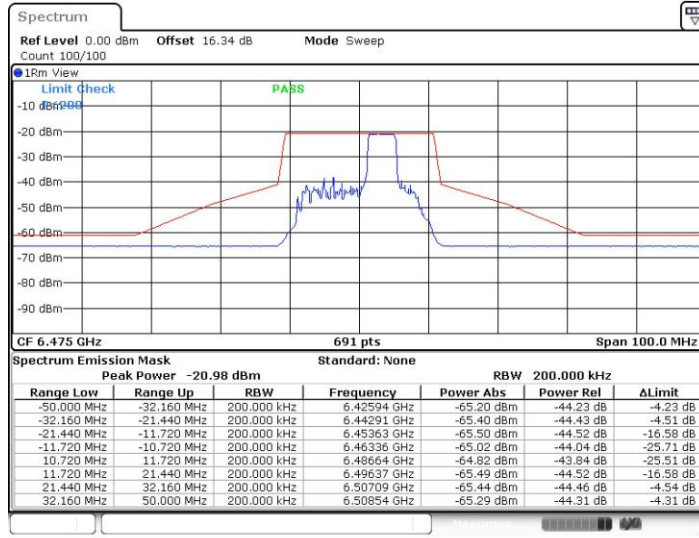
11AX20MIMO\_Ant2\_6475\_26Tone\_RU4



Date: 28.MAR.2022 05:30:40

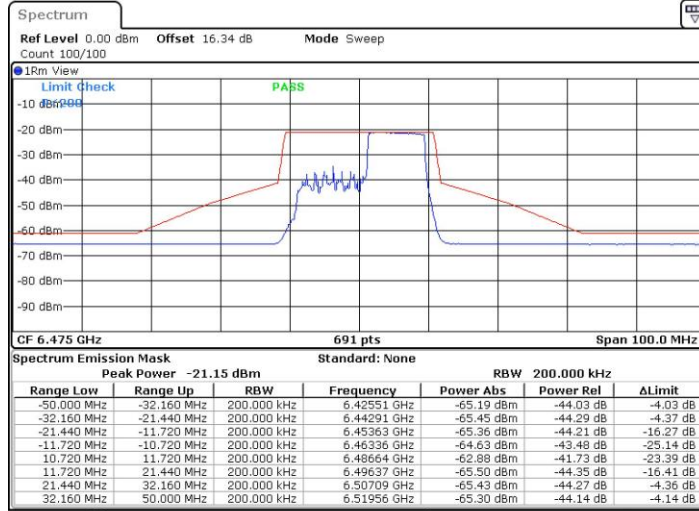


11AX20MIMO\_Ant2\_6475\_52Tone\_RU39

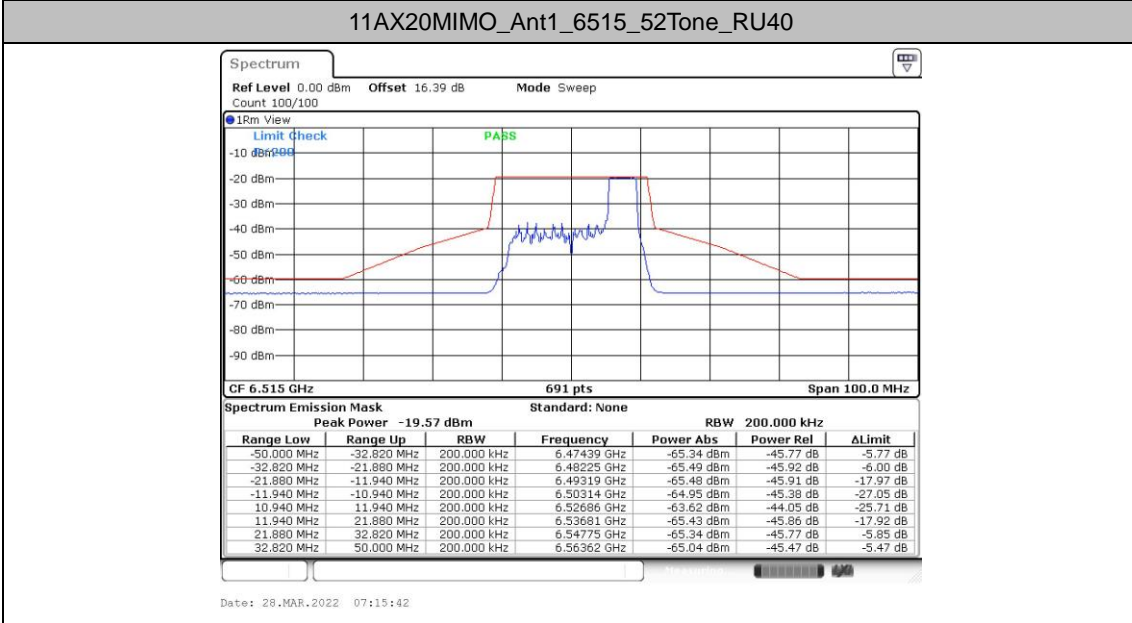
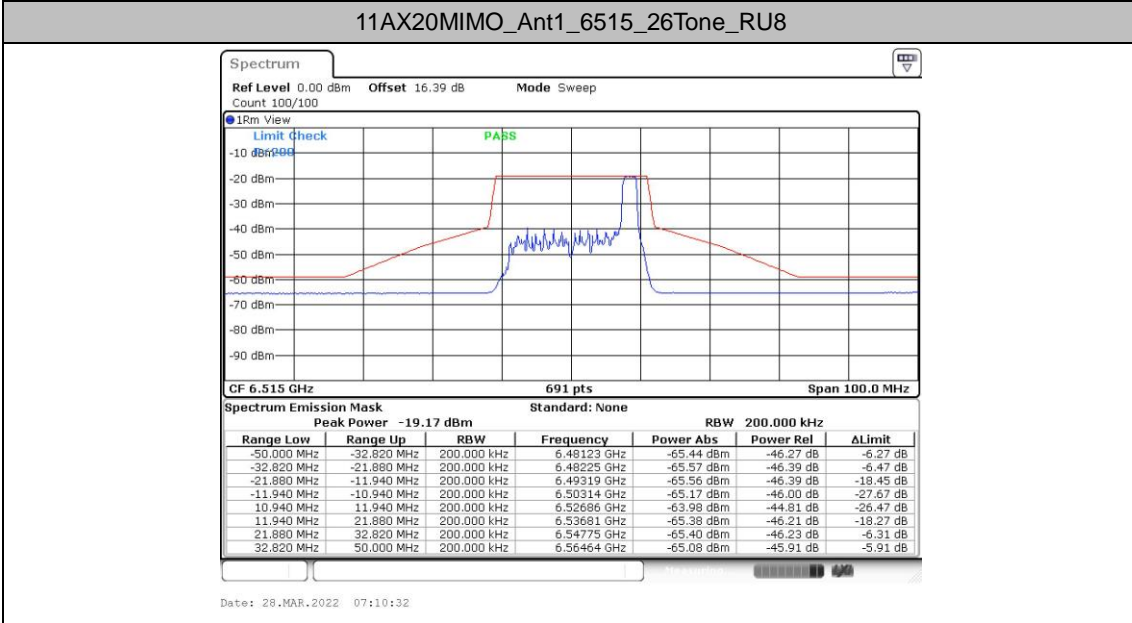


Date: 28.MAR.2022 05:38:05

11AX20MIMO\_Ant2\_6475\_106Tone\_RU54

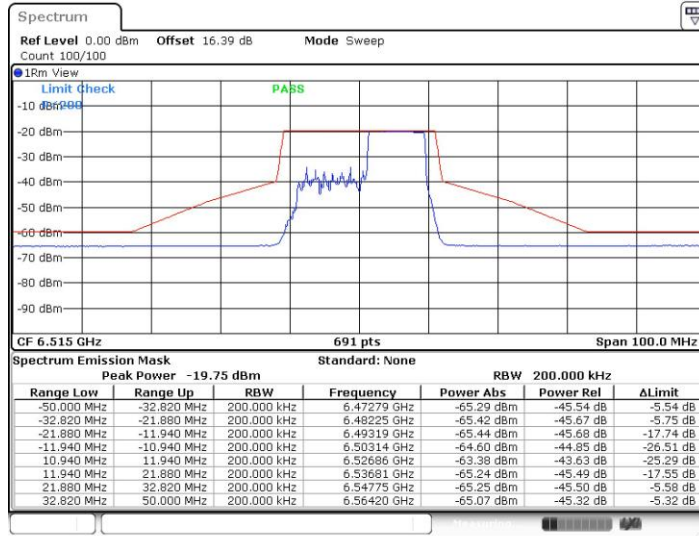


Date: 28.MAR.2022 05:45:11



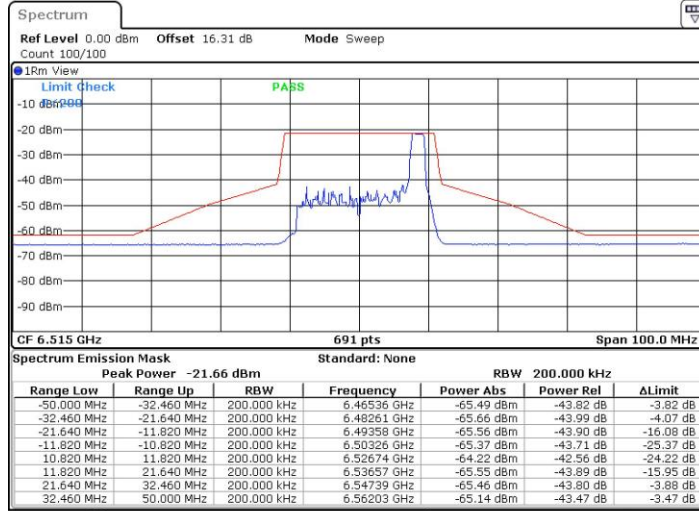


11AX20MIMO\_Ant1\_6515\_106Tone\_RU54



Date: 28.MAR.2022 07:21:08

11AX20MIMO\_Ant2\_6515\_26Tone\_RU8

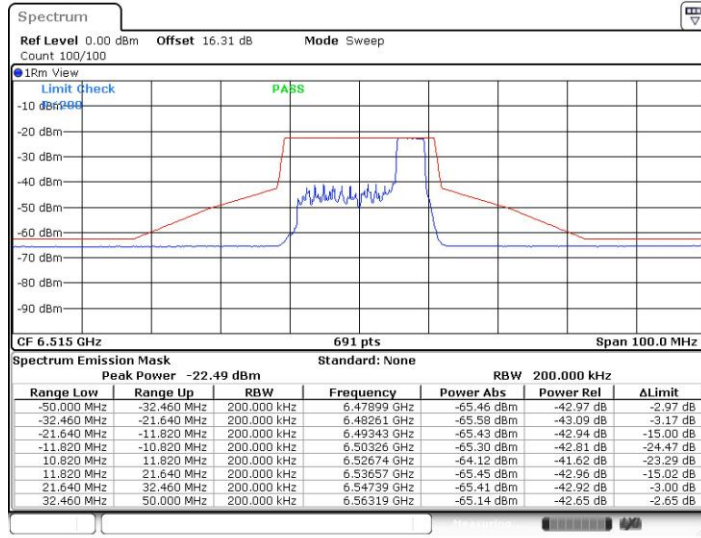


Date: 28.MAR.2022 07:11:04



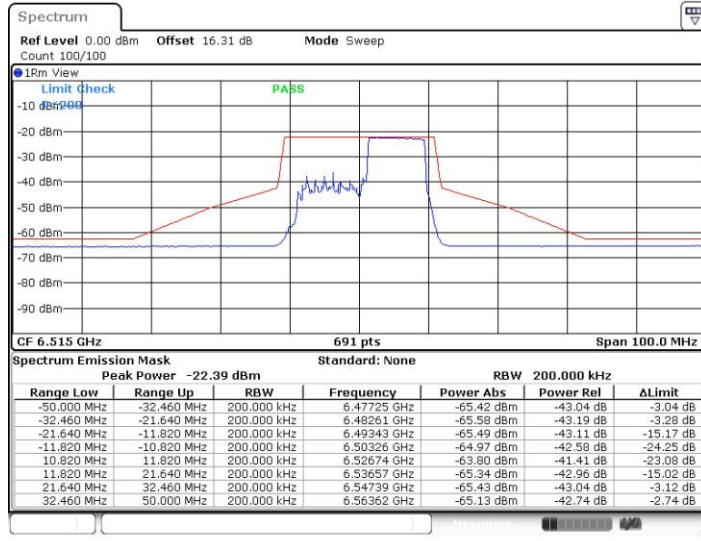


11AX20MIMO\_Ant2\_6515\_52Tone\_RU40



Date: 28.MAR.2022 07:16:13

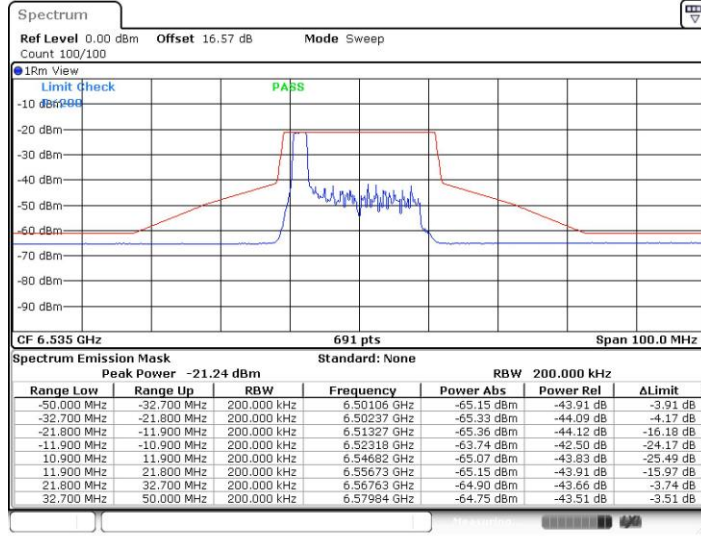
11AX20MIMO\_Ant2\_6515\_106Tone\_RU54



Date: 28.MAR.2022 07:21:39

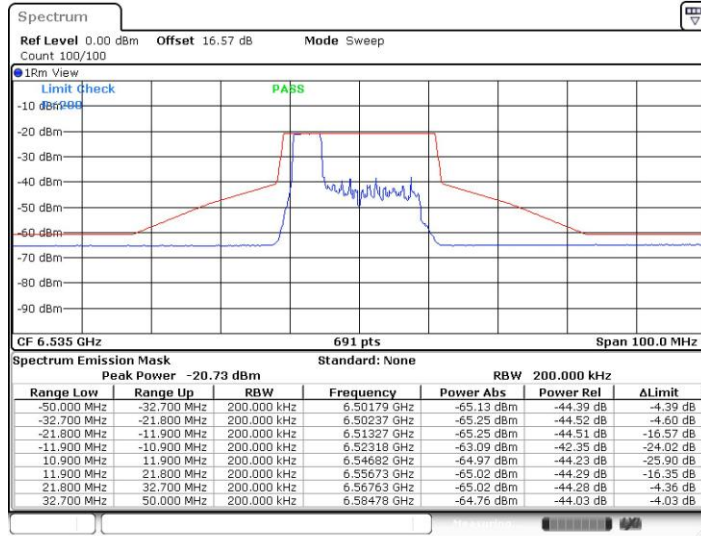


11AX20MIMO\_Ant1\_6535\_26Tone\_RU0



Date: 28.MAR.2022 07:28:07

11AX20MIMO\_Ant1\_6535\_52Tone\_RU37

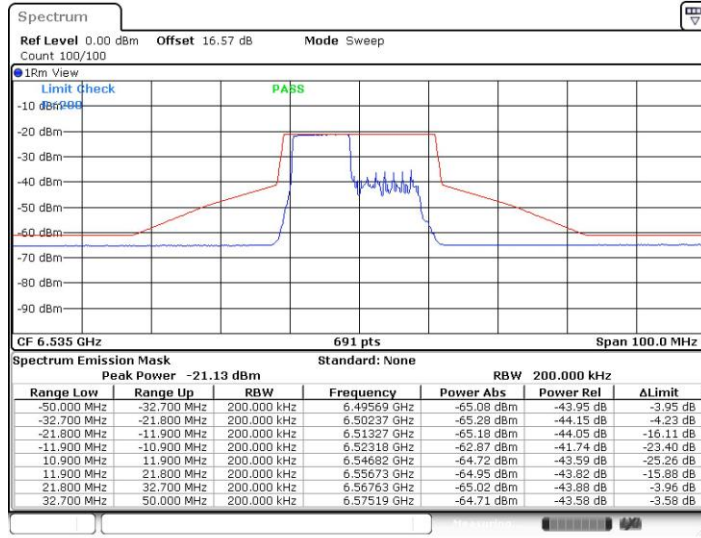


Date: 28.MAR.2022 07:34:20



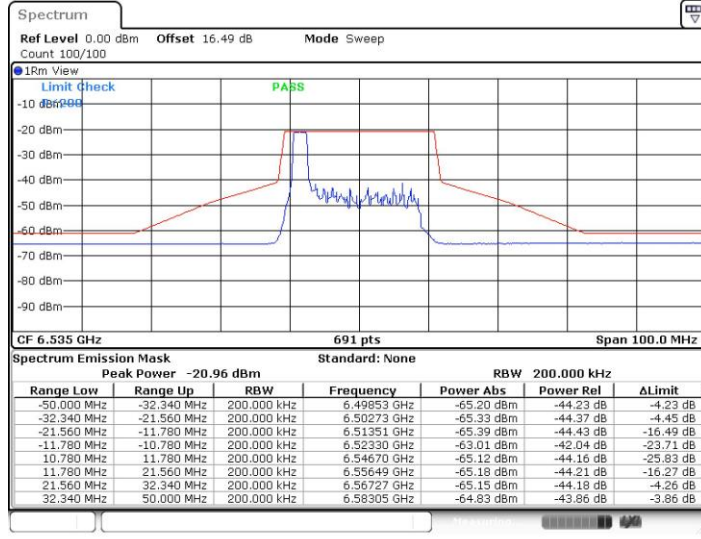


11AX20MIMO\_Ant1\_6535\_106Tone\_RU53



Date: 28.MAR.2022 07:38:32

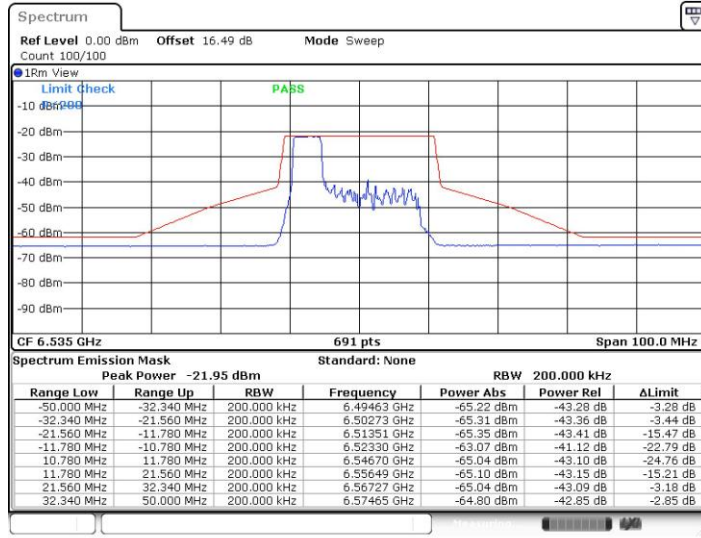
11AX20MIMO\_Ant2\_6535\_26Tone\_RU53



Date: 28.MAR.2022 07:28:38

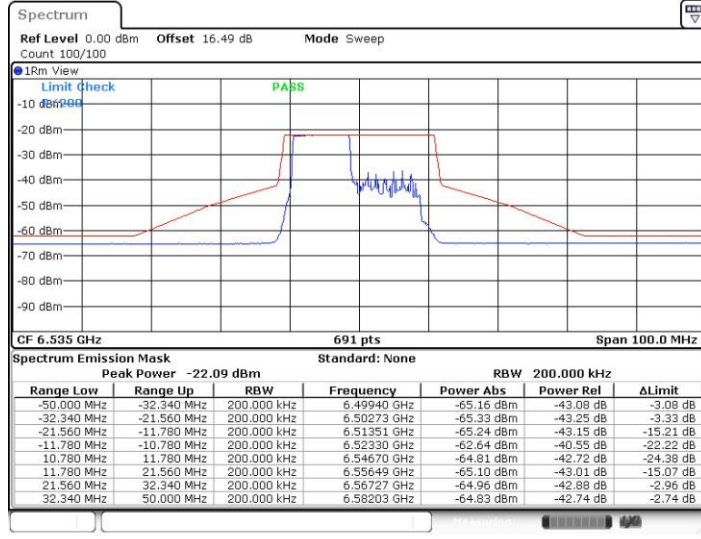


11AX20MIMO\_Ant2\_6535\_52Tone\_RU37



Date: 28.MAR.2022 07:34:52

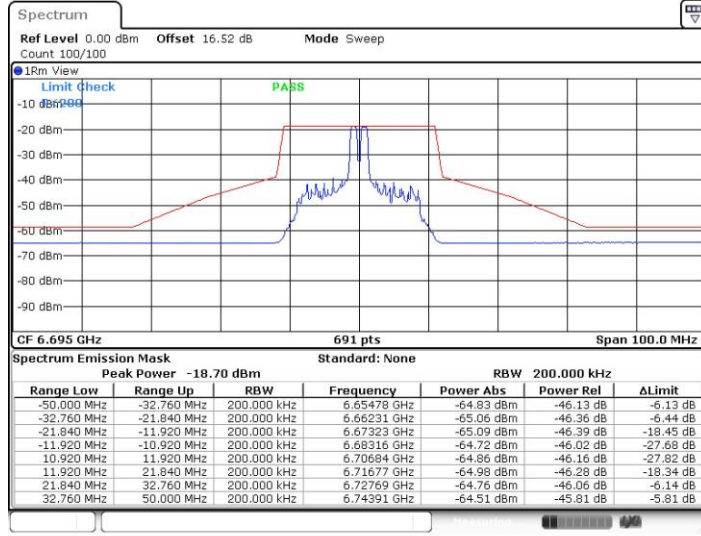
11AX20MIMO\_Ant2\_6535\_106Tone\_RU53



Date: 28.MAR.2022 07:39:03

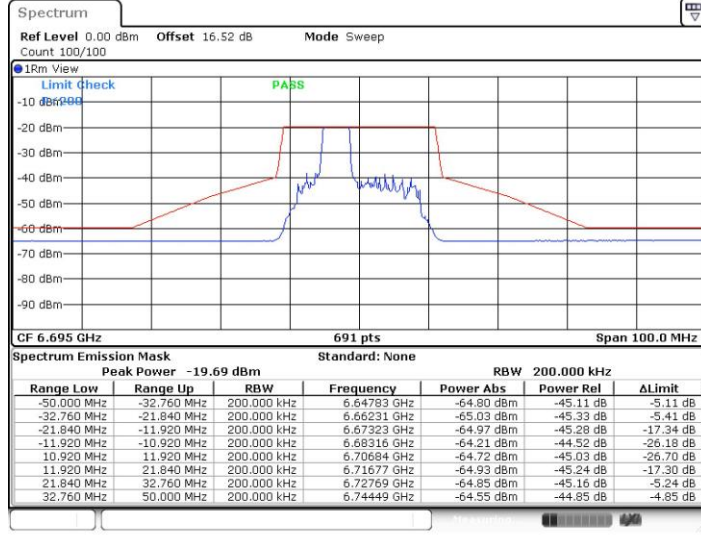


11AX20MIMO\_Ant1\_6695\_26Tone\_RU4



Date: 28.MAR.2022 07:49:00

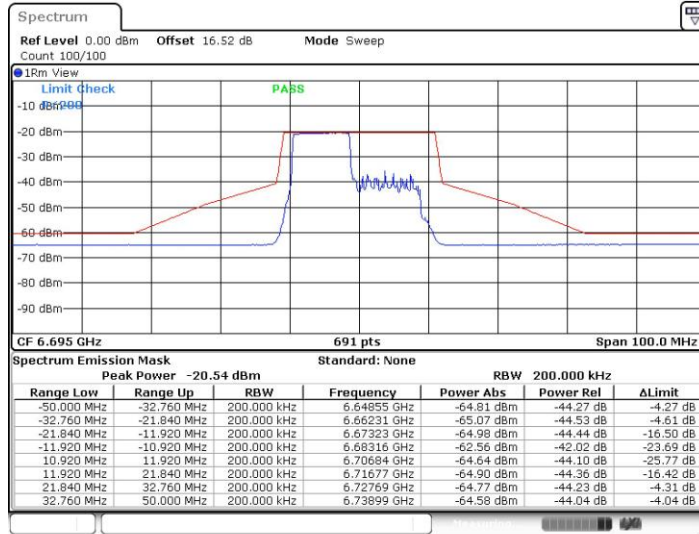
11AX20MIMO\_Ant1\_6695\_52Tone\_RU38



Date: 28.MAR.2022 07:56:32

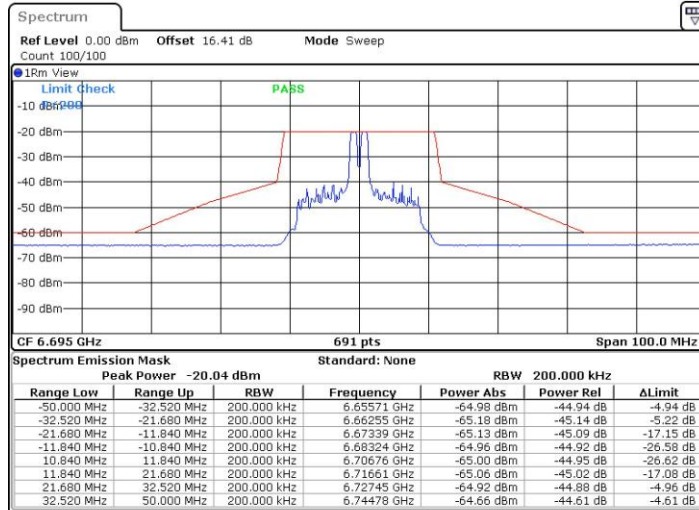


11AX20MIMO\_Ant1\_6695\_106Tone\_RU53



Date: 28.MAR.2022 08:03:37

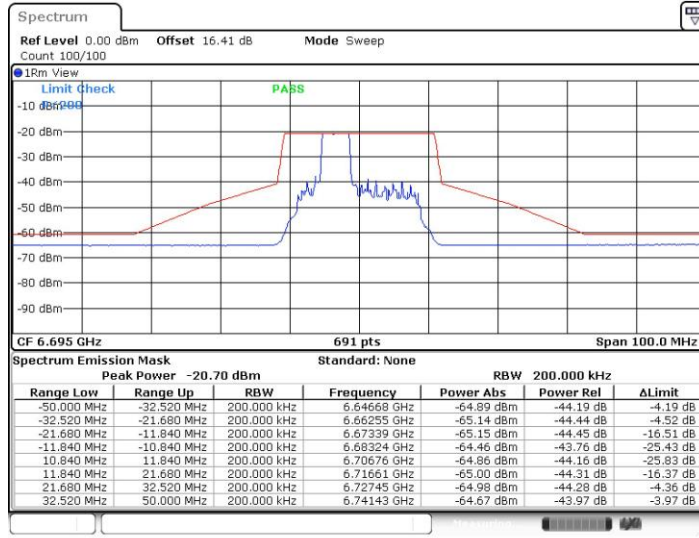
11AX20MIMO\_Ant2\_6695\_26Tone\_RU4



Date: 28.MAR.2022 07:49:31

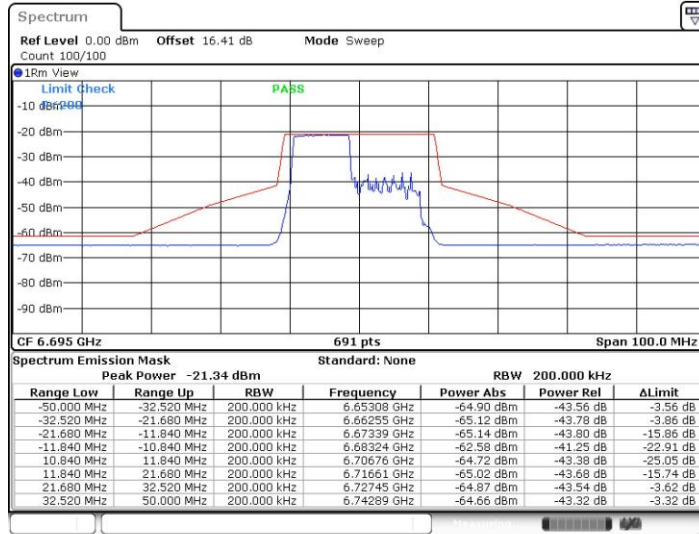


11AX20MIMO\_Ant2\_6695\_52Tone\_RU38



Date: 28.MAR.2022 07:57:03

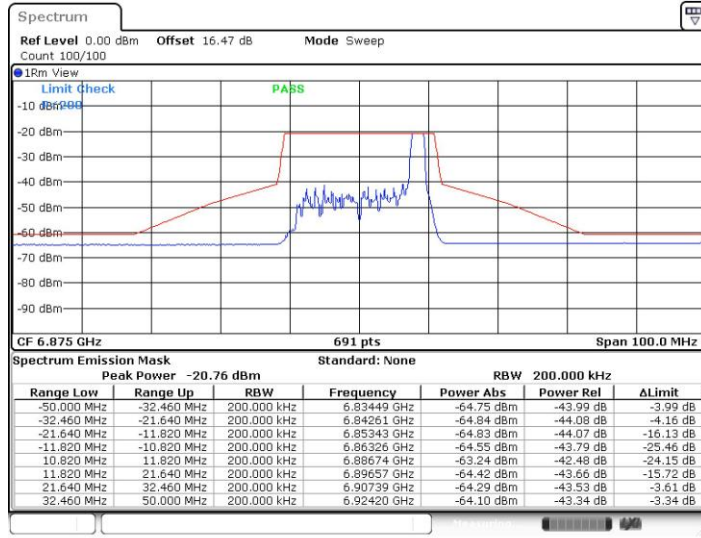
11AX20MIMO\_Ant2\_6695\_106Tone\_RU53



Date: 28.MAR.2022 08:04:08

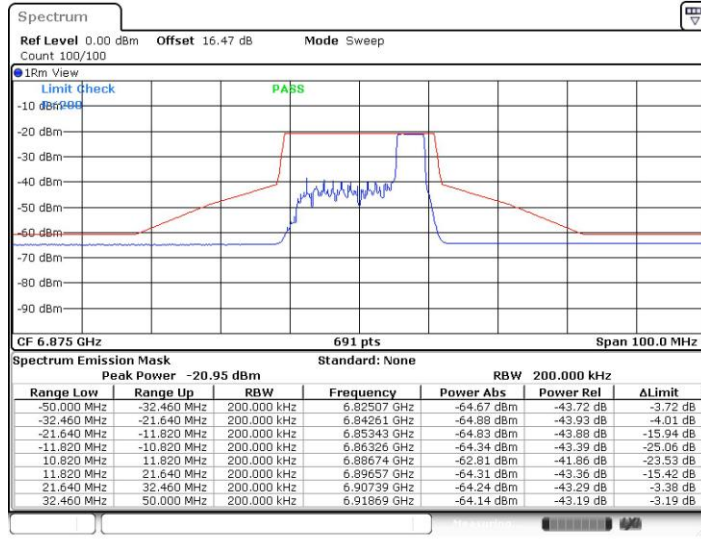


11AX20MIMO\_Ant1\_6875\_26Tone\_RU8



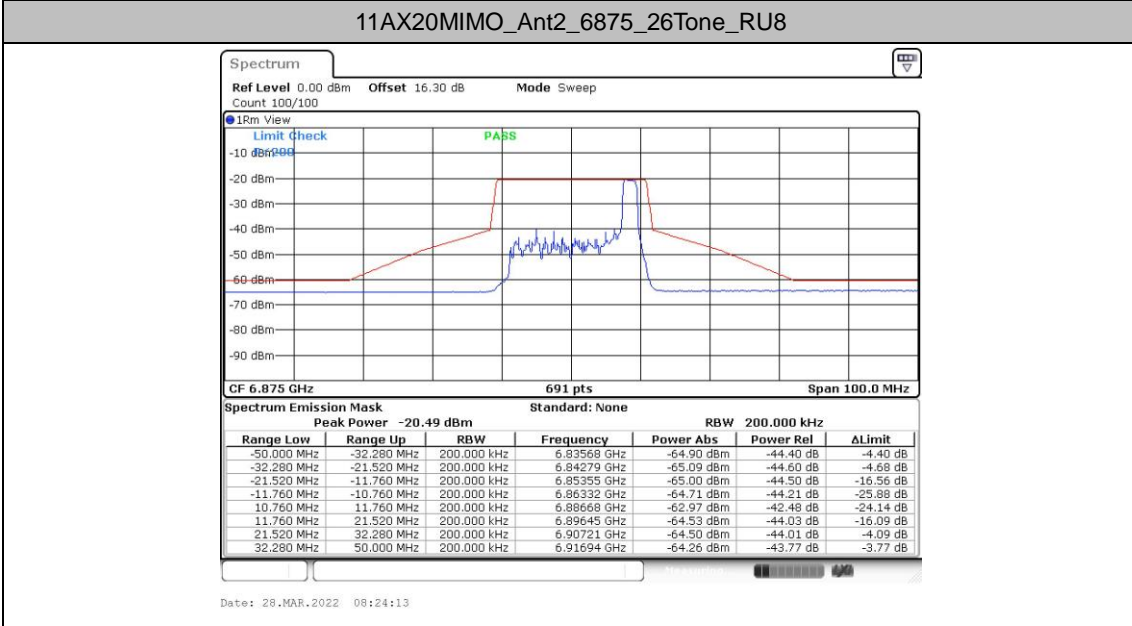
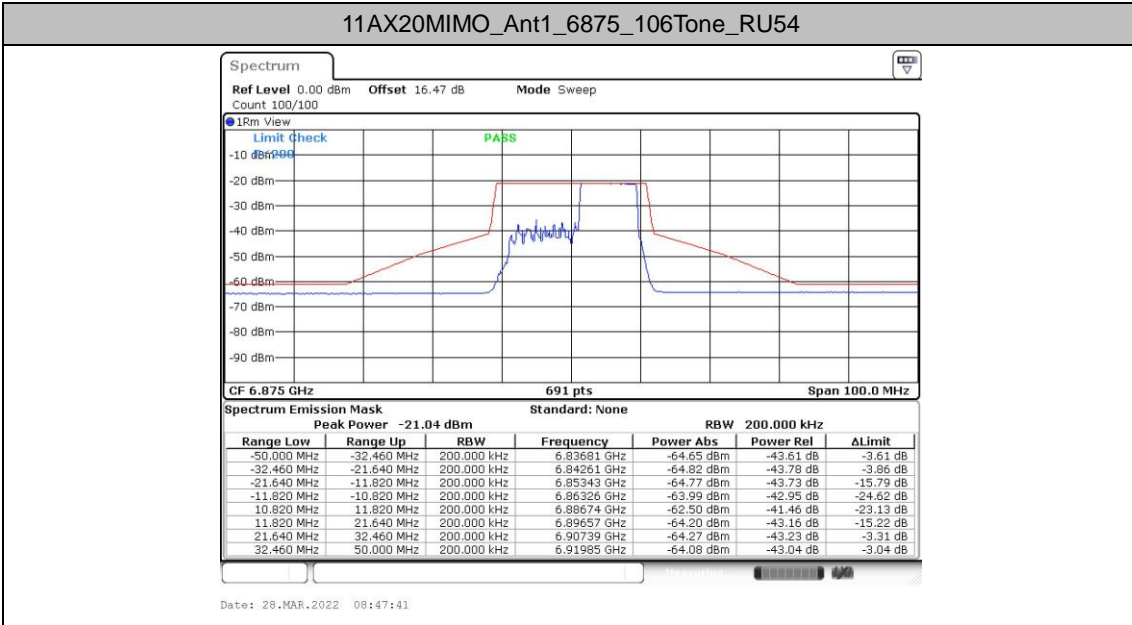
Date: 28.MAR.2022 08:23:42

11AX20MIMO\_Ant1\_6875\_52Tone\_RU40



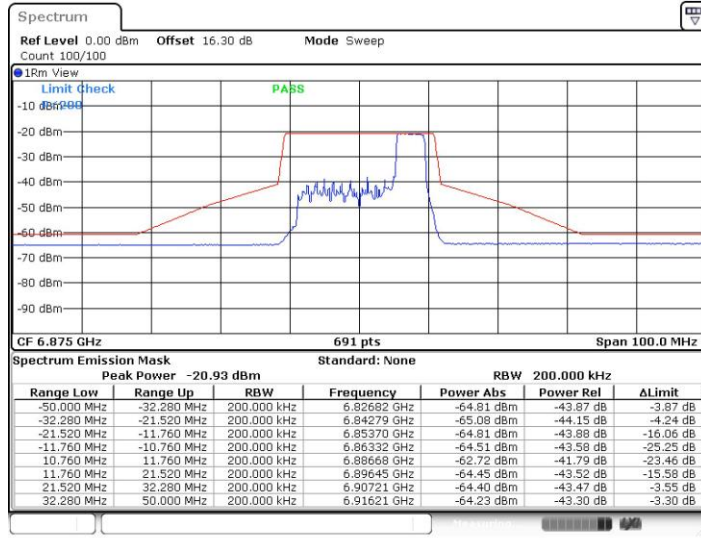
Date: 28.MAR.2022 08:35:48





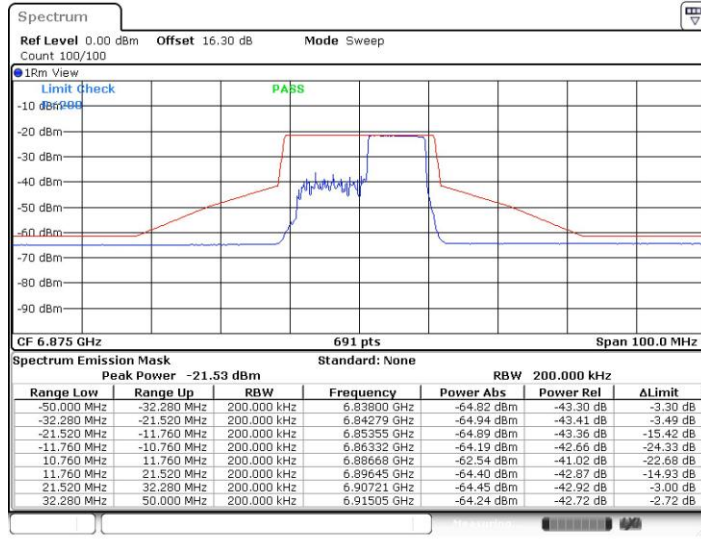


11AX20MIMO\_Ant2\_6875\_52Tone\_RU40

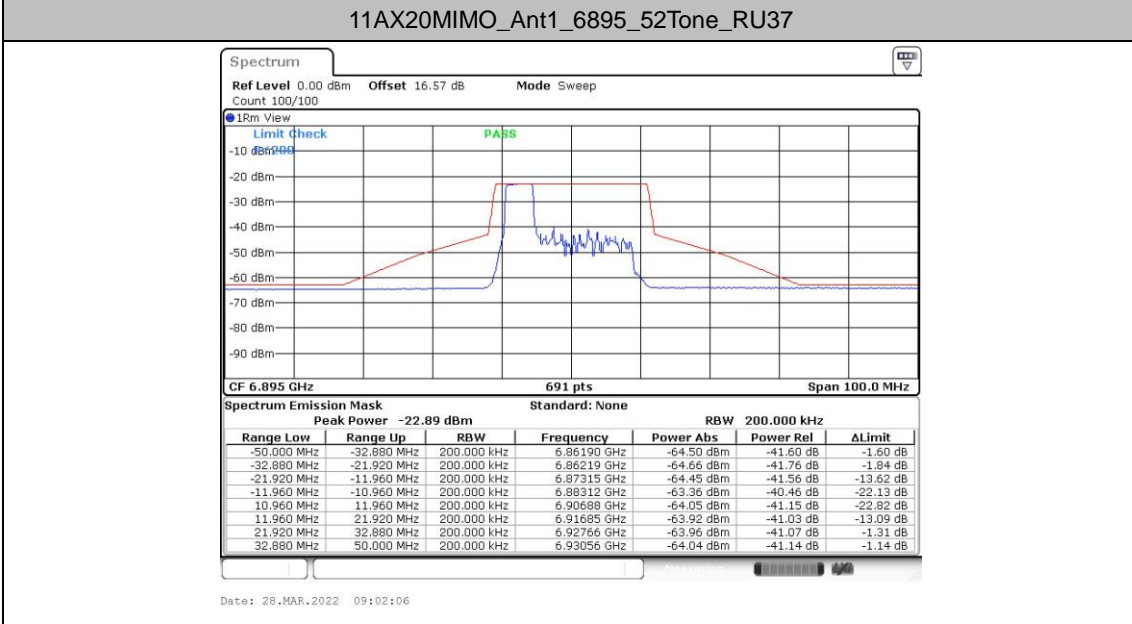
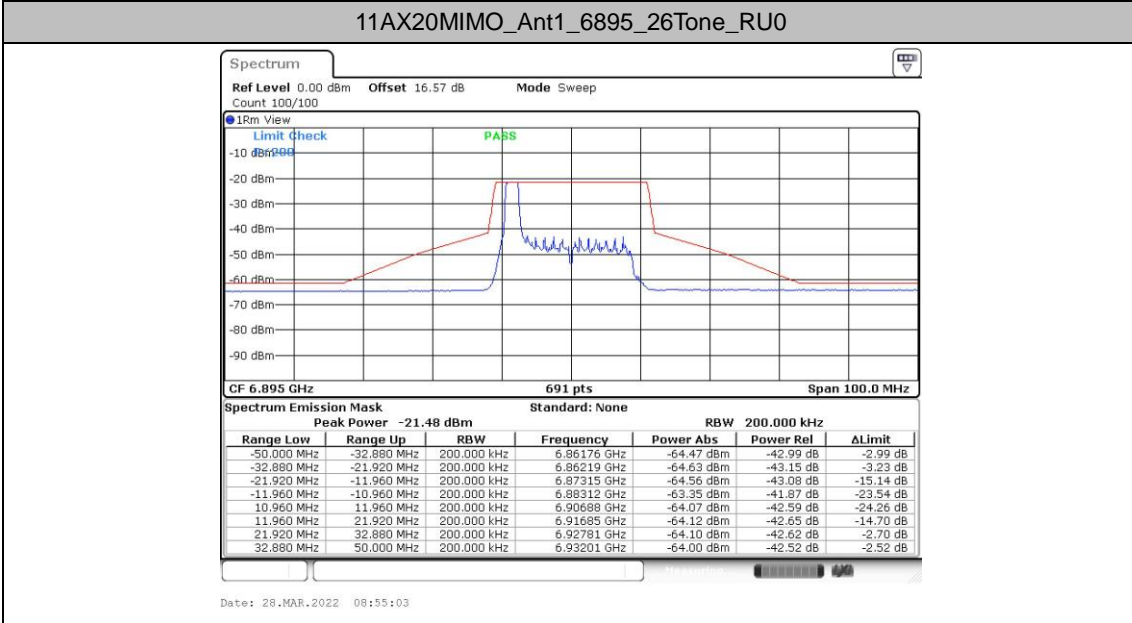


Date: 28.MAR.2022 08:34:36

11AX20MIMO\_Ant2\_6875\_106Tone\_RU54

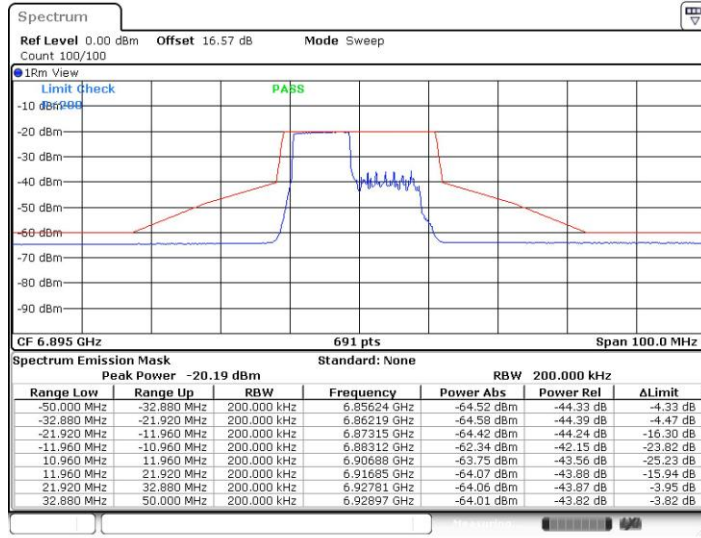


Date: 28.MAR.2022 08:50:09



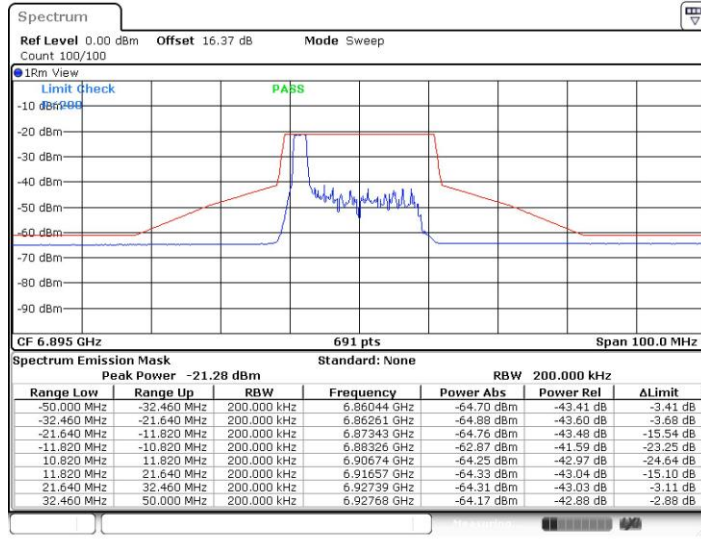


11AX20MIMO\_Ant1\_6895\_106Tone\_RU53



Date: 28.MAR.2022 09:07:19

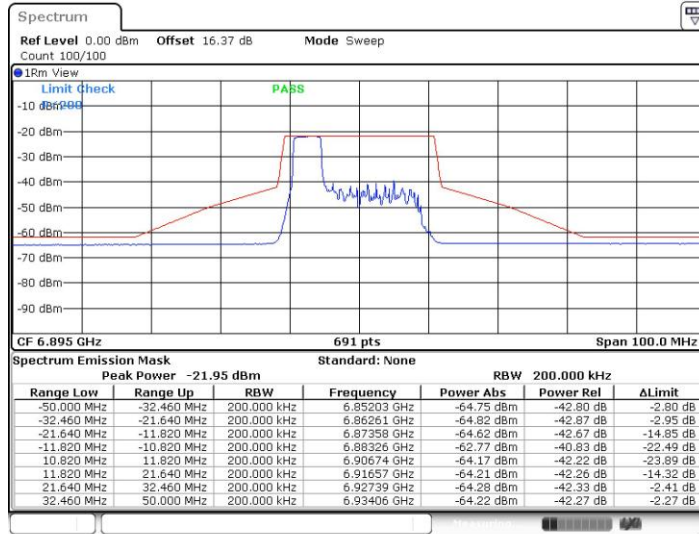
11AX20MIMO\_Ant2\_6895\_26Tone\_RU53



Date: 28.MAR.2022 08:55:34

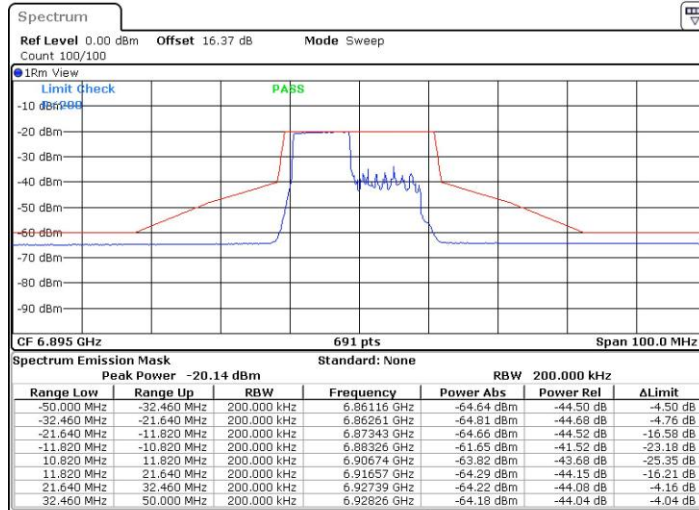


11AX20MIMO\_Ant2\_6895\_52Tone\_RU37



Date: 28.MAR.2022 09:02:38

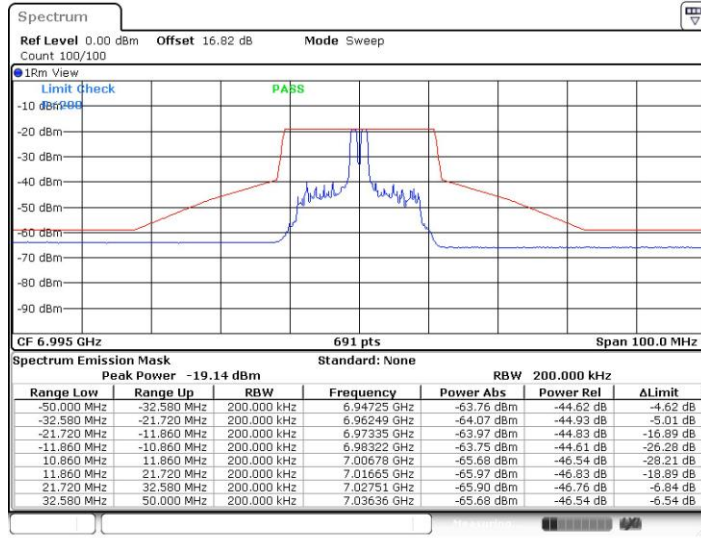
11AX20MIMO\_Ant2\_6895\_106Tone\_RU53



Date: 28.MAR.2022 09:07:50

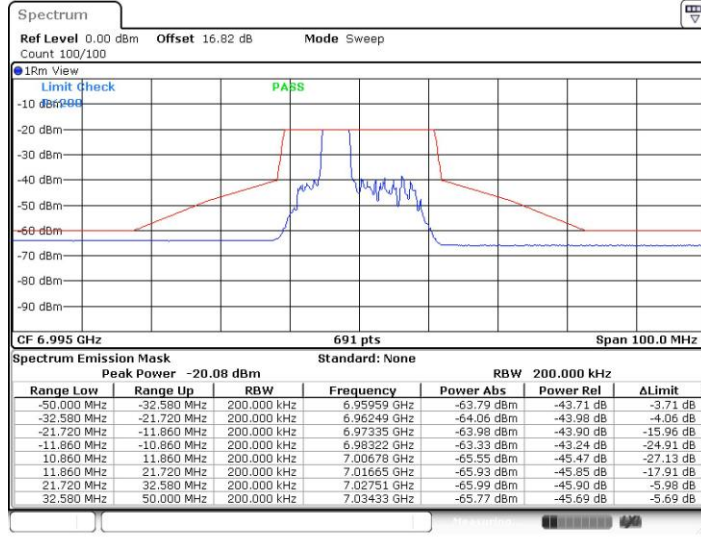


11AX20MIMO\_Ant1\_6995\_26Tone\_RU4



Date: 28.MAR.2022 09:14:50

11AX20MIMO\_Ant1\_6995\_52Tone\_RU38

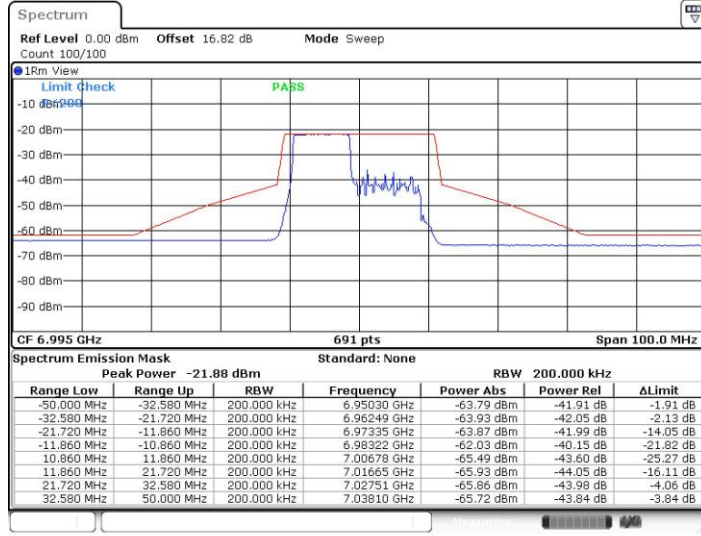


Date: 28.MAR.2022 09:21:46



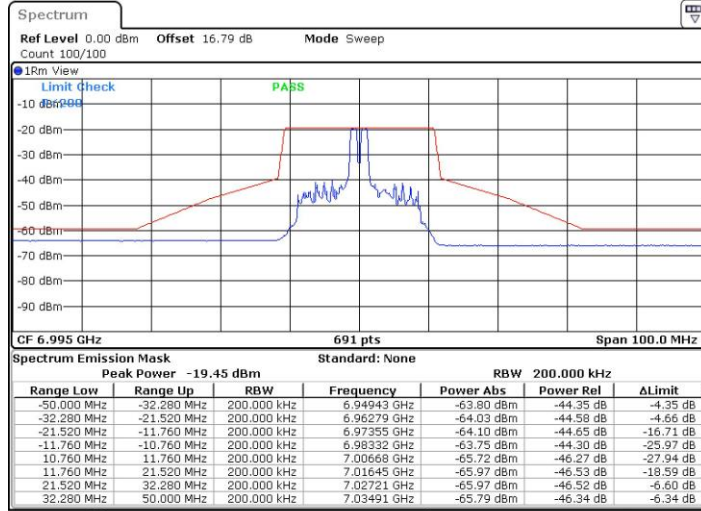


11AX20MIMO\_Ant1\_6995\_106Tone\_RU53



Date: 28.MAR.2022 09:27:00

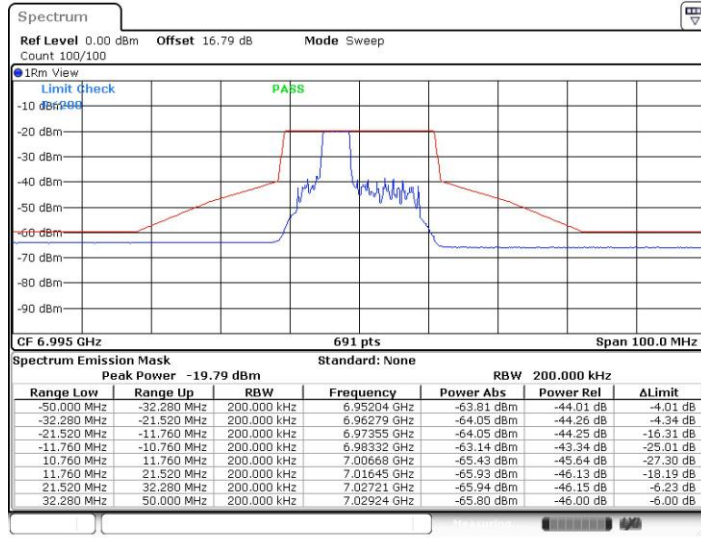
11AX20MIMO\_Ant2\_6995\_26Tone\_RU4



Date: 28.MAR.2022 09:15:22

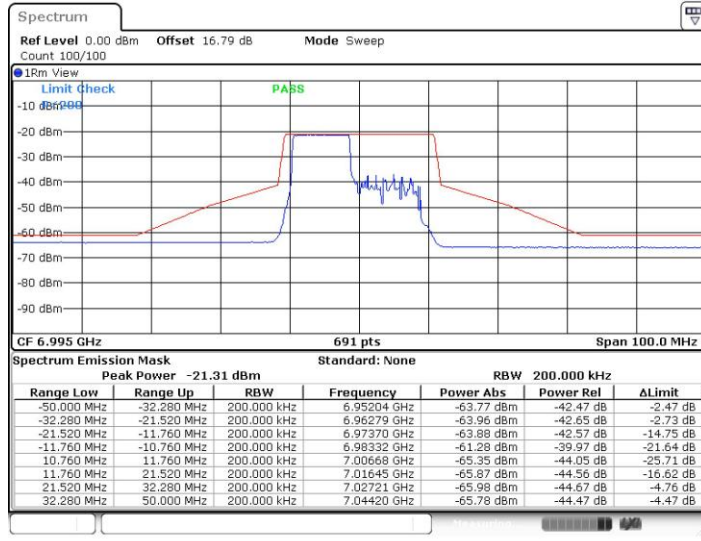


11AX20MIMO\_Ant2\_6995\_52Tone\_RU38



Date: 28.MAR.2022 09:22:17

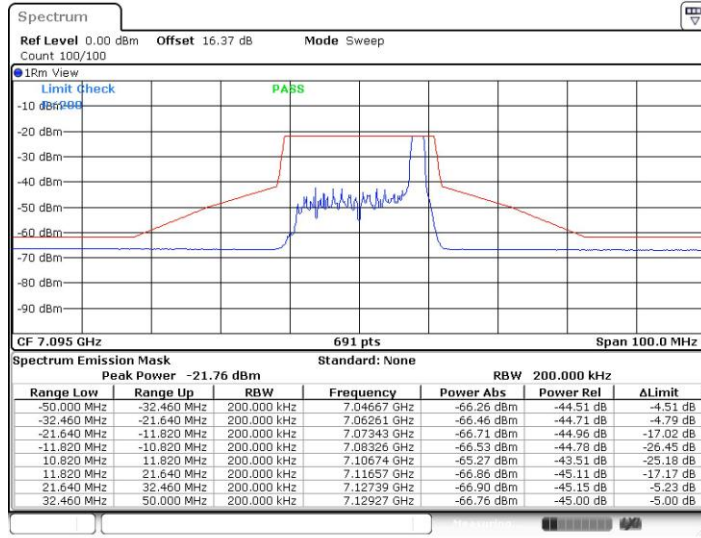
11AX20MIMO\_Ant2\_6995\_106Tone\_RU53



Date: 28.MAR.2022 09:27:32

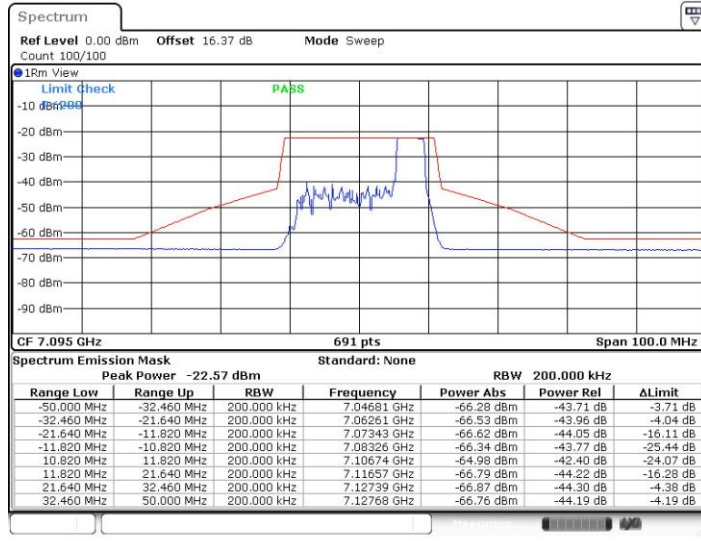


11AX20MIMO\_Ant1\_7095\_26Tone\_RU8



Date: 28.MAR.2022 09:35:42

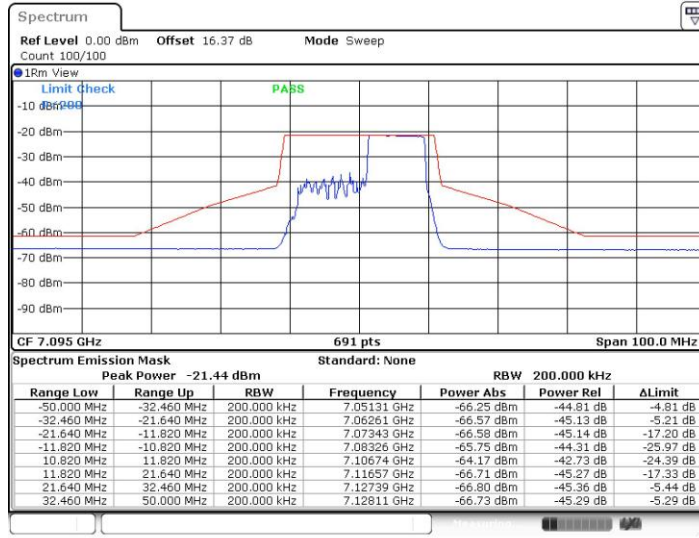
11AX20MIMO\_Ant1\_7095\_52Tone\_RU40



Date: 28.MAR.2022 09:41:31

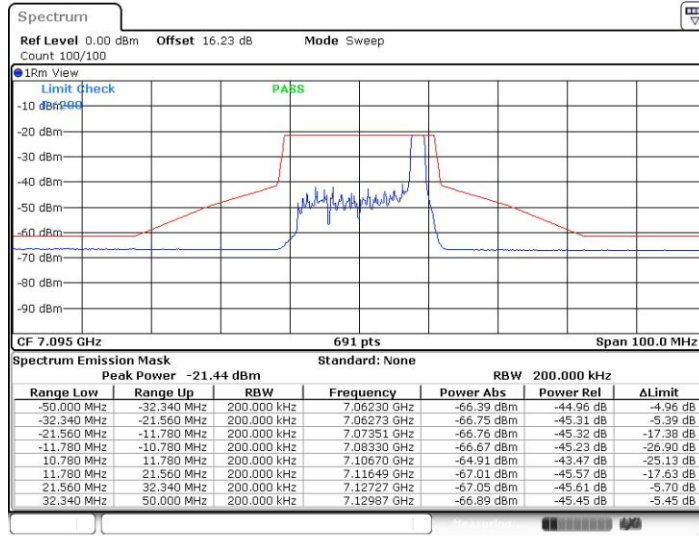


11AX20MIMO\_Ant1\_7095\_106Tone\_RU54



Date: 28.MAR.2022 09:45:09

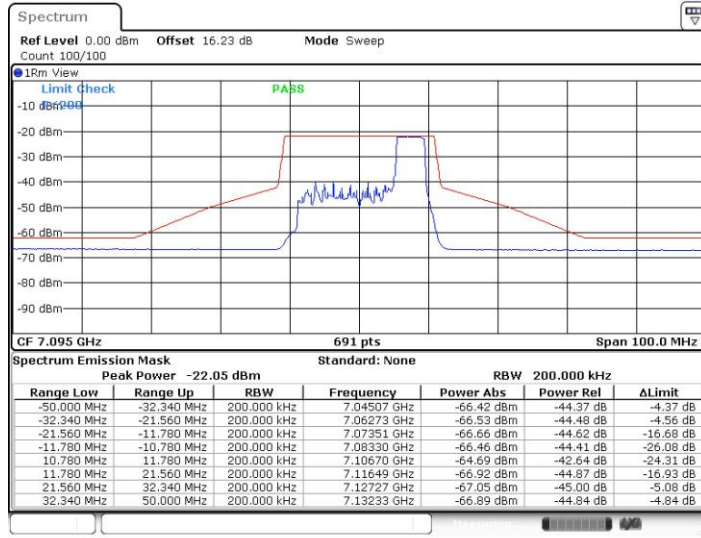
11AX20MIMO\_Ant2\_7095\_26Tone\_RU8



Date: 28.MAR.2022 09:36:14

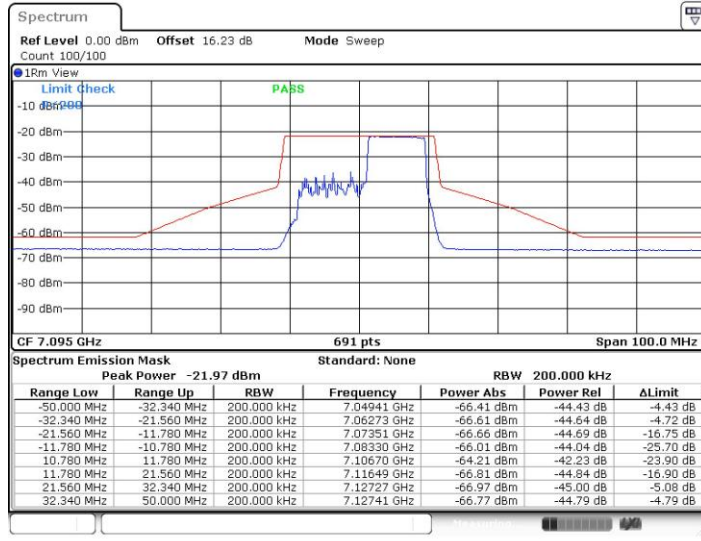


11AX20MIMO\_Ant2\_7095\_52Tone\_RU40



Date: 28.MAR.2022 09:42:02

11AX20MIMO\_Ant2\_7095\_106Tone\_RU54

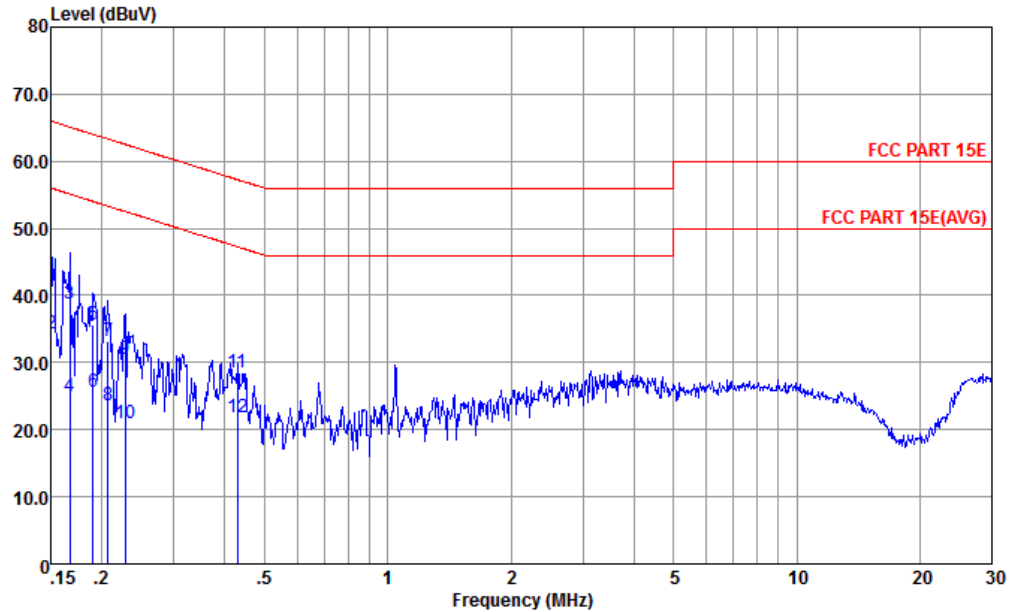


Date: 28.MAR.2022 09:45:40



## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	24.2~25.6°C
		Relative Humidity :	37~39%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



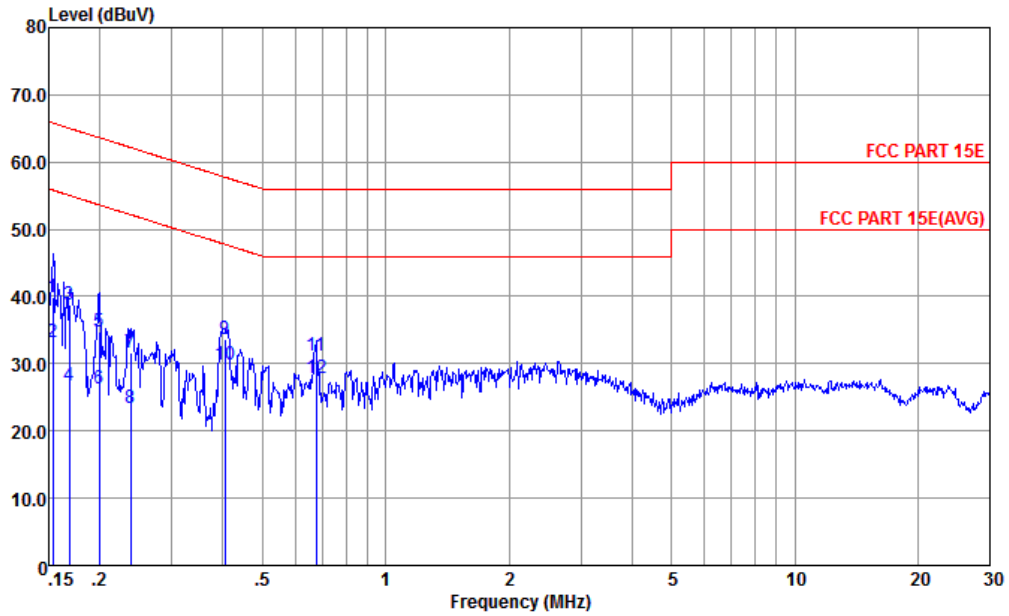
Site : CO01-KS  
 Condition : FCC PART 15E LISN-060105-L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.150	43.10	-22.90	66.00	32.60	0.02	10.48	QP
2 *	0.150	34.40	-21.60	56.00	23.90	0.02	10.48	Average
3	0.167	38.66	-26.46	65.12	28.19	0.03	10.44	QP
4	0.167	25.06	-30.06	55.12	14.59	0.03	10.44	Average
5	0.190	35.62	-28.40	64.02	25.20	0.04	10.38	QP
6	0.190	25.72	-28.30	54.02	15.30	0.04	10.38	Average
7	0.207	33.20	-30.12	63.32	22.80	0.04	10.36	QP
8	0.207	23.70	-29.62	53.32	13.30	0.04	10.36	Average
9	0.228	30.60	-31.92	62.52	20.20	0.05	10.35	QP
10	0.228	21.00	-31.52	52.52	10.60	0.05	10.35	Average
11	0.428	28.55	-28.74	57.29	18.20	0.09	10.26	QP
12	0.428	21.95	-25.34	47.29	11.60	0.09	10.26	Average





Test Engineer :	Amos Zhang	Temperature :	24.2~25.6°C
		Relative Humidity :	37~39%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS  
 Condition : FCC PART 15E LISN-060105-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.153	39.88	-25.94	65.82	29.30	0.11	10.47	QP
2	0.153	33.18	-22.64	55.82	22.60	0.11	10.47	Average
3	0.169	38.74	-26.29	65.03	28.20	0.11	10.43	QP
4	0.169	26.84	-28.19	55.03	16.30	0.11	10.43	Average
5	0.200	34.67	-28.95	63.62	24.21	0.10	10.36	QP
6	0.200	26.36	-27.26	53.62	15.90	0.10	10.36	Average
7	0.238	31.64	-30.53	62.17	21.20	0.10	10.34	QP
8	0.238	23.34	-28.83	52.17	12.90	0.10	10.34	Average
9	0.404	33.67	-24.10	57.77	23.30	0.11	10.26	QP
10 *	0.404	29.97	-17.80	47.77	19.60	0.11	10.26	Average
11	0.675	31.15	-24.85	56.00	20.80	0.11	10.24	QP
12	0.675	27.95	-18.05	46.00	17.60	0.11	10.24	Average



### Appendix C. Radiated Spurious Emission

#### U-NII 5 - 5925-6425MHzMHz

#### WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Full CH 01 5955MHz		5861.54	56.22	-32.08	88.3	42.48	35.23	10.46	31.95	308	350	P	H
		5904.66	45.64	-22.66	68.3	31.77	35.33	10.51	31.97	308	350	A	H
	*	5950	96.85	---	---	82.93	35.4	10.53	32.01	308	350	P	H
	*	5950	87.61	---	---	73.69	35.4	10.53	32.01	308	350	A	H
		5924.68	56.42	-31.88	88.3	42.52	35.37	10.52	31.99	100	306	P	V
		5898.08	45.6	-22.7	68.3	31.78	35.3	10.49	31.97	100	306	A	V
	*	5959	94.05	---	---	80.11	35.4	10.55	32.01	100	306	P	V
*	5959	85.04	---	---	71.1	35.4	10.55	32.01	100	306	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for frequencies 11910, 12352, and 12830 MHz.



U-NII 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test data for 802.11ax HE20 Partial 26/0 CH 01 5955MHz and a Remark section.



U-NII 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE20 Partial 52/37 CH 01 5955MHz and a Remark section.



U-NII 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE20 Partial 106/53 CH 01 5955MHz and a Remark section.





U-NII 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ax HE40 Full CH 03 5965MHz.

Remark
1. No other spurious found.
2. All results are PASS against Peak and Average limit line.



U-NII 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full		11928	44.74	-29.26	74	53.76	38.66	17.53	65.21	300	0	P	H
CH 03 5965MHz		11928	44.69	-29.31	74	53.71	38.66	17.53	65.21	100	0	P	V
802.11ax HE40 Full		12330	45.88	-28.12	74	54.29	38.76	17.78	64.95	300	0	P	H
CH 43 6165MHz		12330	45.17	-28.83	74	53.58	38.76	17.78	64.95	118	0	P	V
802.11ax HE40 Full		12810	44.24	-44.06	88.3	51.95	38.86	18.05	64.62	300	0	P	H
CH 91 6405MHz		12810	43.68	-44.62	88.3	51.39	38.86	18.05	64.62	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**U-NII 5 5925~6425MHz  
WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 07 5985MHz		5910.92	56.43	-31.87	88.3	42.58	35.33	10.51	31.99	322	355	P	H
		5912.68	46.11	-22.19	68.3	32.26	35.33	10.51	31.99	322	355	A	H
	*	5986	96.44	---	---	82.53	35.4	10.56	32.05	322	355	P	H
		5986	88.03	---	---	74.12	35.4	10.56	32.05	322	355	A	H
		5865.8	56.69	-31.61	88.3	42.95	35.23	10.46	31.95	305	27	P	V
		5925	45.88	-22.42	68.3	31.98	35.37	10.52	31.99	305	27	A	V
	*	5968	94.37	---	---	80.45	35.4	10.55	32.03	305	27	P	V
		5968	85.54	---	---	71.62	35.4	10.55	32.03	305	27	A	V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol>												



U-NII 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE80 Full		11970	44.58	-29.42	74	53.53	38.68	17.56	65.19	300	0	P	H
CH 07 5985MHz		11970	44.85	-29.15	74	53.8	38.68	17.56	65.19	100	0	P	V
802.11ax HE80 Full		12290	44.57	-29.43	74	53.02	38.76	17.76	64.97	300	0	P	H
CH 39 6145MHz		12290	44.29	-29.71	74	52.74	38.76	17.76	64.97	100	0	P	V
802.11ax HE80 Full		12768	44.14	-44.16	88.3	51.92	38.85	18.02	64.65	300	0	P	H
CH 87 6385MHz		12768	44.43	-43.87	88.3	52.21	38.85	18.02	64.65	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5916.84	60.88	-27.42	88.3	47.03	35.33	10.51	31.99	100	180	P	H
		5912.68	47.87	-20.43	68.3	34.02	35.33	10.51	31.99	100	180	A	H
	*	6049	99.72	---	---	85.79	35.4	10.62	32.09	100	180	P	H
		6049	89.89	---	---	75.96	35.4	10.62	32.09	100	180	A	H
		5917.8	57	-31.3	88.3	43.15	35.33	10.51	31.99	137	151	P	V
		5918.12	46.34	-21.96	68.3	32.49	35.33	10.51	31.99	137	151	A	V
	*	6040	95.21	---	---	81.29	35.4	10.61	32.09	137	151	P	V
	6040	86.21	---	---	72.29	35.4	10.61	32.09	137	151	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE160 Full at 12050, 12370, and 12690 MHz.





U-NII 6 - 6425-6525MHzMHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	(dBμV)	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ax HE20 Full		12870	44.53	-43.77	88.3	52.16	38.87	18.08	64.58	300	0	P	H
CH 97 6435MHz		12870	44.63	-43.67	88.3	52.26	38.87	18.08	64.58	100	0	P	V
802.11ax HE20 Full		12950	43.87	-44.43	88.3	51.37	38.89	18.13	64.52	300	0	P	H
CH 105 6475MHz		12950	45.44	-42.86	88.3	52.94	38.89	18.13	64.52	100	0	P	V
802.11ax HE20 Full		13030	45.55	-42.75	88.3	52.93	38.91	18.18	64.47	300	0	P	H
CH 113 6515MHz		13030	45.27	-43.03	88.3	52.65	38.91	18.18	64.47	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 6 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE40 Full		12890	43.92	-44.38	88.3	51.52	38.88	18.09	64.57	300	0	P	H
CH 99 6445MHz		12890	44.64	-43.66	88.3	52.24	38.88	18.09	64.57	100	0	P	V
802.11ax HE40 Full		12970	44.77	-43.53	88.3	52.25	38.89	18.14	64.51	300	0	P	H
CH 107 6485MHz		12970	43.47	-44.83	88.3	50.95	38.89	18.14	64.51	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE80 Full		12930	45.18	-43.12	88.3	52.71	38.89	18.12	64.54	300	0	P	H
CH 103 6465MHz		12930	44.08	-44.22	88.3	51.61	38.89	18.12	64.54	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 6 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE40 Full		13050	45.13	-43.17	88.3	52.49	38.91	18.2	64.47	300	0	P	H
CH 115 6525MHz		13050	45.06	-43.24	88.3	52.42	38.91	18.2	64.47	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 6 Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE80 Full		13090	45.13	-43.17	88.3	52.43	38.92	18.23	64.45	300	0	P	H
CH 119 6545MHz		13090	46.14	-42.16	88.3	53.44	38.92	18.23	64.45	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 6 Straddle Channel
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE160 Full and CH 111 6505MHz, and a Remark section.



U-NII 7 - 6525-6875MHzMHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Full		13070	45.79	-42.51	88.3	53.13	38.91	18.21	64.46	300	0	P	H
CH 117 6535MHz		13070	47.84	-40.46	88.3	55.18	38.91	18.21	64.46	100	0	P	V
802.11ax HE20 Full		13390	46.79	-27.21	74	53.62	38.98	18.5	64.31	300	0	P	H
CH 149 6695MHz		13390	46.04	-27.96	74	52.87	38.98	18.5	64.31	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





U-NII 7 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full		13128	45.39	-42.91	88.3	52.65	38.92	18.26	64.44	300	0	P	H
CH 123 6565MHz		13128	45.93	-42.37	88.3	53.19	38.92	18.26	64.44	100	0	P	V
802.11ax HE40 Full		13370	45.84	-28.16	74	52.71	38.97	18.48	64.32	300	0	P	H
CH 147 6685MHz		13370	44.73	-29.27	74	51.6	38.97	18.48	64.32	100	0	P	V
802.11ax HE40 Full		13690	44.74	-43.56	88.3	51.13	39.04	18.75	64.18	300	0	P	H
CH 179 6845MHz		13690	44.41	-43.89	88.3	50.8	39.04	18.75	64.18	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 7 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE80 Full		13250	45.11	-28.89	74	52.16	38.95	18.38	64.38	300	0	P	H
CH 135 6625MHz		13250	46.43	-27.57	74	53.48	38.95	18.38	64.38	100	0	P	V
802.11ax HE80 Full		13410	45.14	-43.16	88.3	51.96	38.98	18.51	64.31	300	0	P	H
CH 151 6705MHz		13410	45.02	-43.28	88.3	51.84	38.98	18.51	64.31	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 7 6525~6875MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE160 Full and CH 143 6665MHz, and a Remark section.



U-NII 7 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Full		13750	45	-43.3	88.3	51.29	39.05	18.81	64.15	300	0	P	H
CH 185 6875MHz		13750	43.73	-44.57	88.3	50.02	39.05	18.81	64.15	100	0	P	V
<b>Remark</b>													
1. No other spurious found.													
2. All results are PASS against Peak and Average limit line.													

U-NII 7 Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE80 Full		13730	44.23	-44.07	88.3	50.54	39.05	18.8	64.16	300	0	P	H
CH 183 6865MHz		13730	43.43	-44.87	88.3	49.74	39.05	18.8	64.16	100	0	P	V
<b>Remark</b>													
1. No other spurious found.													
2. All results are PASS against Peak and Average limit line.													



U-NII 7 Straddle Channel
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE160 Full and CH 175 6825MHz, and a Remark section.



U-NII 8 - 6875-7125MHzMHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Full CH 229 7095MHz		7223.24	56.93	-31.37	88.3	42.52	35.6	11.66	32.85	302	346	P	H
		7149.64	46.6	-21.7	68.3	32.19	35.6	11.61	32.8	302	346	A	H
	*	7093	95.17	---	---	80.78	35.6	11.56	32.77	302	346	P	H
		7093	87.36	---	---	72.97	35.6	11.56	32.77	302	346	A	H
		7214.6	56.64	-31.66	88.3	42.23	35.6	11.66	32.85	302	73	P	V
		7147.56	46.62	-21.68	68.3	32.21	35.6	11.61	32.8	302	73	A	V
	*	7093	95.24	---	---	80.85	35.6	11.56	32.77	302	73	P	V
	7093	86.68	---	---	72.29	35.6	11.56	32.77	302	73	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





U-NII 8 6875~7125MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Full		13790	43.92	-44.38	88.3	50.16	39.06	18.84	64.14	300	0	P	H
CH 189 6895MHz		13790	43.29	-45.01	88.3	49.53	39.06	18.84	64.14	100	0	P	V
802.11ax HE20 Full		13990	44.49	-43.81	88.3	50.42	39.1	19.02	64.05	300	0	P	H
CH 209 6995MHz		13990	44.19	-44.11	88.3	50.12	39.1	19.02	64.05	100	0	P	V
802.11ax HE20 Full		14192	43.98	-44.32	88.3	49.69	39.29	19.11	64.11	300	0	P	H
CH 229 7095MHz		14192	43.51	-44.79	88.3	49.22	39.29	19.11	64.11	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 8 6875~7125MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Includes a Remark section at the bottom.



U-NII 8 6875~7125MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE20 Partial 52/40 CH 229 7095MHz and a Remark section.



U-NII 8 6875~7125MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ax HE20 Partial 106/54 CH 229 7095MHz.

Remark
1. No other spurious found.
2. All results are PASS against Peak and Average limit line.



**U-NII 8 6875~7125MHz  
WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 227 7085MHz		7191.36	56.9	-31.4	88.3	42.49	35.6	11.64	32.83	300	345	P	H
		7147.98	46.7	-21.6	68.3	32.29	35.6	11.61	32.8	300	345	A	H
	*	7093	95.92	---	---	81.53	35.6	11.56	32.77	300	345	P	H
		7093	88.07	---	---	73.68	35.6	11.56	32.77	300	345	A	H
		7233.66	56.48	-31.82	88.3	42.07	35.6	11.66	32.85	232	356	P	V
		7149.06	46.69	-21.61	68.3	32.28	35.6	11.61	32.8	232	356	A	V
	*	7075	97.11	---	---	82.73	35.6	11.54	32.76	232	356	P	V
	7075	88.97	---	---	74.59	35.6	11.54	32.76	232	356	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 8 6875~7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full		13930	44	-44.3	88.3	50	39.09	18.98	64.07	300	0	P	H
CH 203 6965MHz		13930	43.76	-44.54	88.3	49.76	39.09	18.98	64.07	100	0	P	V
802.11ax HE40 Full		14170	44.12	-44.18	88.3	49.85	39.27	19.11	64.11	300	0	P	H
CH 227 7085MHz		14170	44.36	-43.94	88.3	50.09	39.27	19.11	64.11	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 8 6875~7125MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE80 Full CH 215 7025MHz and a Remark section.



U-NII 8 6875~7125MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ax HE80 Full CH 199 6945MHz and CH 215 7025MHz.

Remark
1. No other spurious found.
2. All results are PASS against Peak and Average limit line.





U-NII 8 6875~7125MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		7185.64	57.08	-31.22	88.3	38.54	35.9	15.47	32.83	100	170	P	H
		7139.88	48.29	-20.01	68.3	29.71	35.9	15.48	32.8	100	170	A	H
	*	6922	99.01	---	---	80.34	35.88	15.47	32.68	100	170	P	H
		6922	88.2	---	---	69.53	35.88	15.47	32.68	100	170	A	H
		7205.48	56.58	-31.72	88.3	38.04	35.9	15.47	32.83	163	175	P	V
		7130.28	47.01	-21.29	68.3	28.42	35.9	15.48	32.79	163	175	A	V
	*	6994	98.25	---	---	79.56	35.9	15.5	32.71	163	175	P	V
	6994	88.5	---	---	69.81	35.9	15.5	32.71	163	175	A	V	
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol>												



U-NII 8 6875~7125MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE160 Full and CH 207 6985MHz, and a Remark section.



U-NII 8 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE40 Full		13770	44	-44.3	88.3	50.27	39.05	18.83	64.15	100	360	P	H
CH 187 6885MHz		13770	43.54	-44.76	88.3	49.81	39.05	18.83	64.15	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE160 Full LF		30	23.72	-16.28	40	29.22	25.15	0.58	31.23	-	-	P	H
		117.3	23.3	-20.2	43.5	36.09	17.12	1.76	31.67	-	-	P	H
		164.83	29.27	-14.23	43.5	42.27	16.26	2.07	31.33	-	-	P	H
		288.99	30.16	-15.84	46	39.93	19.06	2.75	31.58	-	-	P	H
		689.6	35.19	-10.81	46	36.98	25.13	4.27	31.19	-	-	P	H
		843.83	38.48	-7.52	46	38.44	26.62	4.73	31.31	-	-	P	H
		30	33.06	-6.94	40	38.21	25.5	0.58	31.23	-	-	P	V
		61.04	26.41	-13.59	40	43.69	13.38	1.04	31.7	-	-	P	V
		170.65	24.85	-18.65	43.5	37.06	17.01	2.11	31.33	-	-	P	V
		512.09	32.88	-13.12	46	35.78	24.83	3.67	31.4	-	-	P	V
		582.9	35.42	-10.58	46	37.25	25.64	3.93	31.4	-	-	P	V
		843.83	32.71	-13.29	46	32.13	27.16	4.73	31.31	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Co-location Mode>

BLE(2M)\_Ch39 + WIFI 6G 802.11ax HE160 Full \_CH207 + nRF\_CH38

2.4GHz 2400~2483.5MHz

BLE(2M) (Band Edge @ 3m)

BLE(2M) Ant.	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
BLE(2M) CH 39 2480MHz		2490.1	55.51	-18.49	74	49.2	32.2	6.75	32.64	135	353	P	H
		2483.5	47.61	-6.39	54	41.32	32.2	6.73	32.64	135	353	A	H
	*	2480	99.24	---	---	92.95	32.2	6.73	32.64	135	353	P	H
	*	2480	97.64	---	---	91.35	32.2	6.73	32.64	135	353	A	H
		2495.68	55.83	-18.17	74	49.45	32.2	6.75	32.57	100	131	P	V
		2483.5	48.93	-5.07	54	42.64	32.2	6.73	32.64	100	131	A	V
	*	2480	101.08	---	---	94.79	32.2	6.73	32.64	100	131	P	V
	*	2480	98.94	---	---	92.65	32.2	6.73	32.64	100	131	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BLE(2M) (Harmonic @ 3m)

BLE(2M) Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
BLE(2M) CH 39 2480MHz		4960	40.36	-33.64	74	54.29	34.53	13.25	61.71	300	0	P	H
		7440	43.25	-30.75	74	53.99	35.9	15.43	62.07	300	0	P	H
		4960	40.19	-33.81	74	54.12	34.53	13.25	61.71	100	0	P	V
		7440	42.76	-31.24	74	53.5	35.9	15.43	62.07	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 8 6875~7125MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		7141.8	57.6	-30.7	88.3	43.2	35.6	11.6	32.8	100	189	P	H
		7130.92	46.69	-21.61	68.3	32.28	35.6	11.6	32.79	100	189	A	H
	*	6922	97.45	---	---	83.12	35.6	11.41	32.68	100	189	P	H
	*	6958	87.59	---	---	73.25	35.6	11.44	32.7	100	189	A	H
		7178.6	56.97	-31.33	88.3	42.57	35.6	11.62	32.82	121	180	P	V
		7134.76	46.76	-21.54	68.3	32.36	35.6	11.6	32.8	121	180	A	V
	*	6976	98.59	---	---	84.22	35.6	11.47	32.7	121	180	P	V
	6958	88.75	---	---	74.41	35.6	11.44	32.7	121	180	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 8 6875~7125MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE160 Full and CH 207 6985MHz, and a Remark section.





2.4GHz 2400~2483.5MHz

nRF (Band Edge @ 3m)

nRF Ant. 3	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
nRF CH 38 2478MHz		2484.52	56.86	-17.14	74	50.57	32.2	6.73	32.64	400	91	P	H
		2483.5	49.48	-4.52	54	43.19	32.2	6.73	32.64	400	91	A	H
	*	2478	98.17	---	---	91.88	32.2	6.73	32.64	400	91	P	H
	*	2478	95.31	---	---	89.02	32.2	6.73	32.64	400	91	A	H
		2485.72	57.05	-16.95	74	50.76	32.2	6.73	32.64	320	6	P	V
		2486.44	48.08	-5.92	54	41.79	32.2	6.73	32.64	320	6	A	V
	*	2478	99.24	---	---	92.95	32.2	6.73	32.64	320	6	P	V
	*	2478	98.52	---	---	92.23	32.2	6.73	32.64	320	6	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
nRF (Harmonic @ 3m)

Table with 14 columns: nRF Ant. 3, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test data for nRF CH 38 2478MHz and a Remark section.



WIFI 2.4G 802.11 ax HE20 Full\_CH11 + WIFI 6G 802.11ax HE160 Full\_CH207 + nRF\_CH38

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Full CH 11 2462MHz		2483.74	61.55	-12.45	74	55.26	32.2	6.73	32.64	118	0	P	H
		2483.5	48.27	-5.73	54	41.98	32.2	6.73	32.64	118	0	A	H
	*	2454	107.18	---	---	100.99	32.2	6.7	32.71	118	0	P	H
	*	2458	97.79	---	---	91.6	32.2	6.7	32.71	118	0	A	H
		2483.56	61.39	-12.61	74	55.1	32.2	6.73	32.64	124	130	P	V
		2483.5	47.48	-6.52	54	41.19	32.2	6.73	32.64	124	130	A	V
	*	2468	106.51	---	---	100.25	32.2	6.7	32.64	124	130	P	V
	*	2464	96.99	---	---	90.8	32.2	6.7	32.71	124	130	A	V

**Remark**

- No other spurious found.
- All results are PASS against Peak and Average limit line.



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax		4924	40.54	-33.46	74	54.52	34.56	13.2	61.74	300	0	P	H
HE20 Full		7386	41.83	-32.17	74	52.56	35.9	15.44	62.07	300	0	P	H
CH 11		4924	39.21	-34.79	74	53.19	34.56	13.2	61.74	100	0	P	V
2462MHz		7386	43.26	-30.74	74	53.99	35.9	15.44	62.07	100	0	P	V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol>												



U-NII 8 6875~7125MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		7129	57.34	-30.96	88.3	42.93	35.6	11.6	32.79	100	191	P	H
		7128.36	46.77	-21.53	68.3	32.38	35.6	11.58	32.79	100	191	A	H
	*	7012	97.77	---	---	83.4	35.6	11.5	32.73	100	191	P	H
		7003	87.5	---	---	73.12	35.6	11.49	32.71	100	191	A	H
		7161	57.63	-30.67	88.3	43.24	35.6	11.61	32.82	120	178	P	V
		7130.92	46.9	-21.4	68.3	32.49	35.6	11.6	32.79	120	178	A	V
	*	6922	97.44	---	---	83.11	35.6	11.41	32.68	120	178	P	V
	6967	88.59	---	---	74.23	35.6	11.46	32.7	120	178	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII 8 6875~7125MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test results for 802.11ax HE160 Full and CH 207 6985MHz, and a Remark section.



2.4GHz 2400~2483.5MHz

nRF (Band Edge @ 3m)

nRF Ant. 3	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
nRF CH 38 2478MHz		2483.56	57.01	-16.99	74	50.72	32.2	6.73	32.64	373	111	P	H
		2484.16	48.27	-5.73	54	41.98	32.2	6.73	32.64	373	111	A	H
	*	2478	93.5	---	---	87.21	32.2	6.73	32.64	373	111	P	H
	*	2478	92.92	---	---	86.63	32.2	6.73	32.64	373	111	A	H
		2485.6	55.75	-18.25	74	49.46	32.2	6.73	32.64	319	11	P	V
		2484.04	47.94	-6.06	54	41.65	32.2	6.73	32.64	319	11	A	V
	*	2478	97.69	---	---	91.4	32.2	6.73	32.64	319	11	P	V
	*	2478	97.11	---	---	90.82	32.2	6.73	32.64	319	11	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
nRF (Harmonic @ 3m)

Table with 14 columns: nRF Ant. 3, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test data for nRF CH 38 2478MHz and a Remark section.





Note symbol

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
= 55.45 (dBμV/m)
2. Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)  
= 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)  
= 43.54(dBμV/m) – 54(dBμV/m)  
= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**



## **Appendix D. Radiated Spurious Emission**

### **Note symbol**

<b>-L</b>	<b>Low channel location</b>
<b>-R</b>	<b>High channel location</b>



**U-NII 5 - 5925-6425MHzMHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m																																																																			
ANT	802.11ax HE20 Full CH01 5955MHz																																																																			
1+2	Horizontal	Fundamental																																																																		
<p align="center"><b>Peak</b></p>	<p>Site : 032006-K3          Condition : WIFI AE PEAK 3m 3117 5902540138 HORIZONTAL          Project : RSR 1000 000000 YSR 3000 000000 SRT Auto          Mode : S          IMI : 88          Plane : Full-directivity</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>cn</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5861.54</td> <td>56.72</td> <td>-32.08</td> <td>88.30</td> <td>42.48</td> <td>35.23</td> <td>10.46</td> <td>31.95</td> <td>308</td> <td>350</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cn	deg		1	5861.54	56.72	-32.08	88.30	42.48	35.23	10.46	31.95	308	350	Peak	HORIZONTAL	<p>Site : 032006-K3          Condition : WIFI AE PEAK 3m 3117 5902540138 HORIZONTAL          Project : RSR 1000 000000 YSR 3000 000000 SRT Auto          Mode : S          IMI : 88          Plane : Full-directivity</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>cn</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5950.00</td> <td>94.85</td> <td>8.55</td> <td>88.30</td> <td>82.93</td> <td>35.40</td> <td>10.53</td> <td>32.01</td> <td>308</td> <td>350</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cn	deg		1	5950.00	94.85	8.55	88.30	82.93	35.40	10.53	32.01	308	350	Peak	HORIZONTAL
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WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
1+2	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03090a-K3            Condition : WIFI 6E PEAK 3m 3117 5800240138 VERTICAL            Project : RSM 1000 000kHz YBR 3000 000kHz SRT Auto            Freq: 222304-01            Mode : S            MEI : S            Plane : F            Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas            Freq Level Limit Line Level Factor Loss Factor dB dB cm deg            1 5924.68 56.42 -31.88 88.30 42.52 35.37 10.52 31.99 100 306 Peak VERTICAL</p>	<p>Site : 03090a-K3            Condition : WIFI 6E PEAK 3m 3117 5800240138 VERTICAL            Project : RSM 1000 000kHz YBR 3000 000kHz SRT Auto            Freq: 222304-01            Mode : S            MEI : S            Plane : F            Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas            Freq Level Limit Line Level Factor Loss Factor dB dB cm deg            1 * 5959.00 84.05 2.75 88.30 80.11 35.40 10.55 32.01 100 306 Peak VERTICAL            2 * 5959.00 85.04 16.74 88.30 71.10 35.40 10.55 32.01 100 306 Average VERTICAL</p>
<p><b>Avg.</b></p>	<p>Site : 03090a-K3            Condition : WIFI 6E (AVG) 3m 3117 5800240138 VERTICAL            Project : RSM 1000 000kHz YBR 3000 000kHz SRT Auto            Freq: 222304-01            Mode : S            MEI : S            Plane : F            Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas            Freq Level Limit Line Level Factor Loss Factor dB dB cm deg            1 5998.08 45.60 -22.70 68.30 31.78 35.30 10.49 31.97 100 306 Average VERTICAL</p>	<p><b>Left blank</b></p>