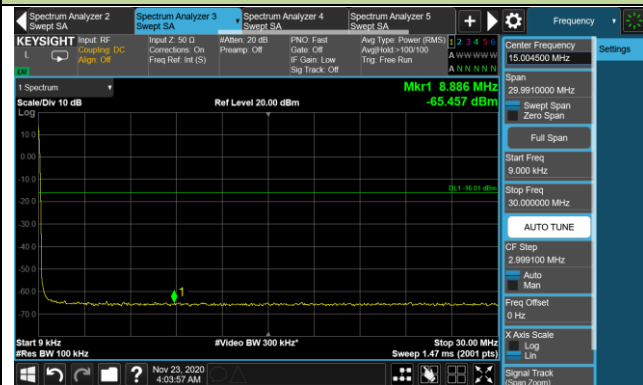


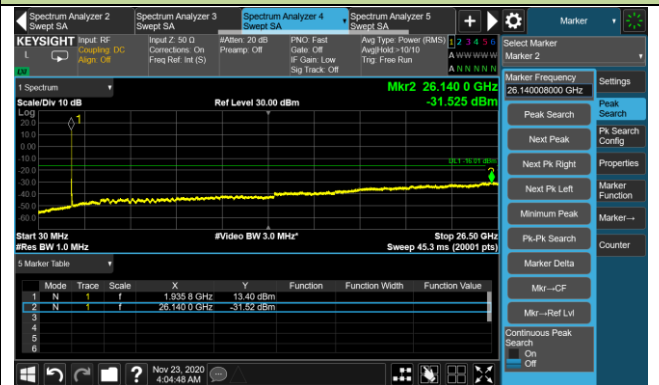
10MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

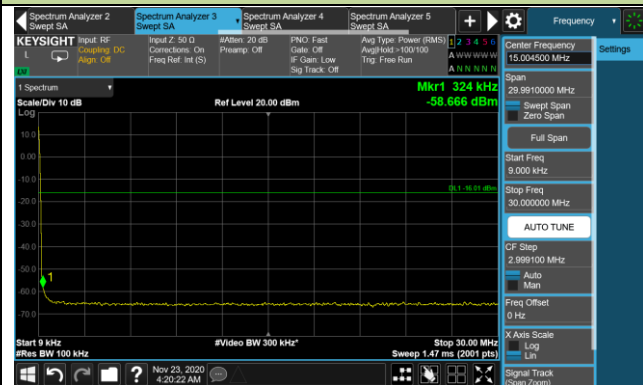


30MHz ~ 27.0GHz

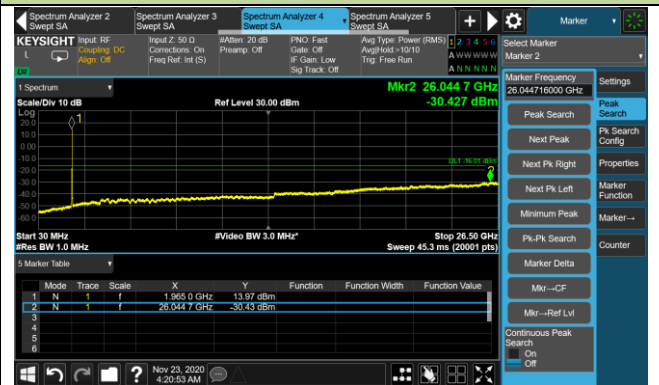


Middle Channel

9kHz ~ 30MHz

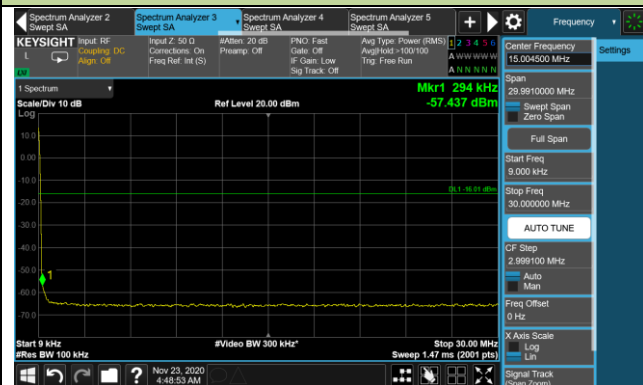


30MHz ~ 27.0GHz

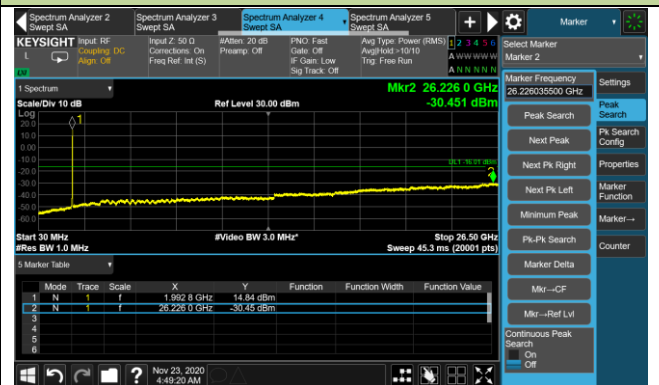


Top Channel

9kHz ~ 30MHz



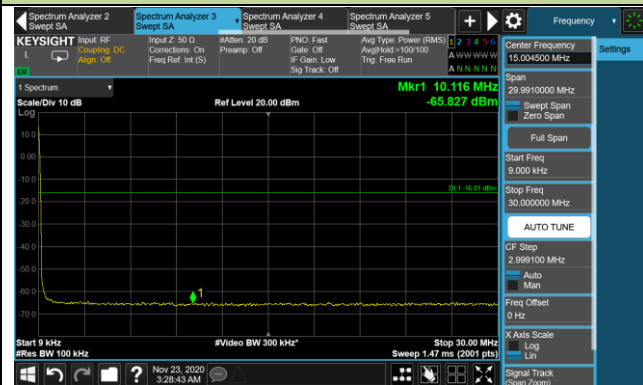
30MHz ~ 27.0GHz



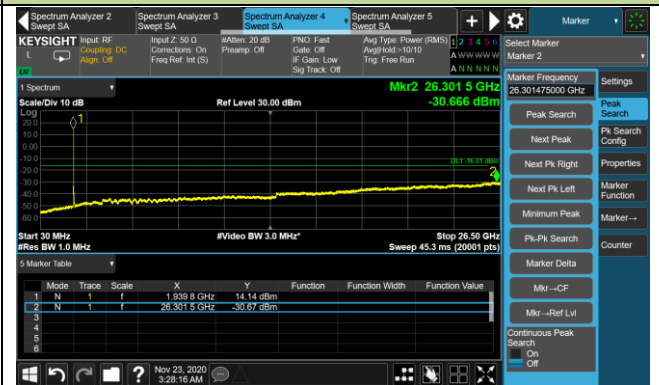
15MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

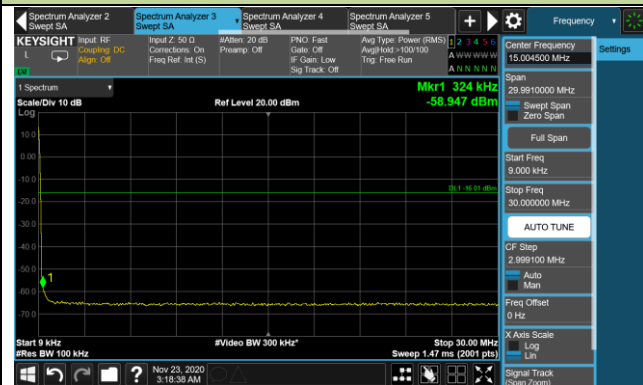


30MHz ~ 27.0GHz

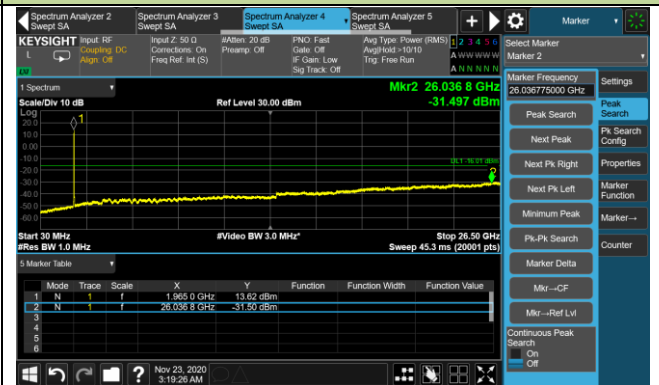


Middle Channel

9kHz ~ 30MHz

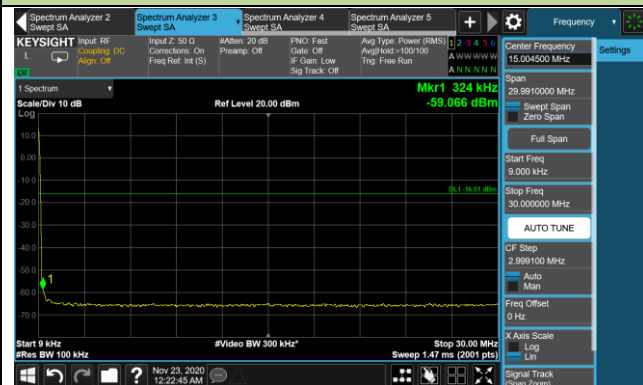


30MHz ~ 27.0GHz

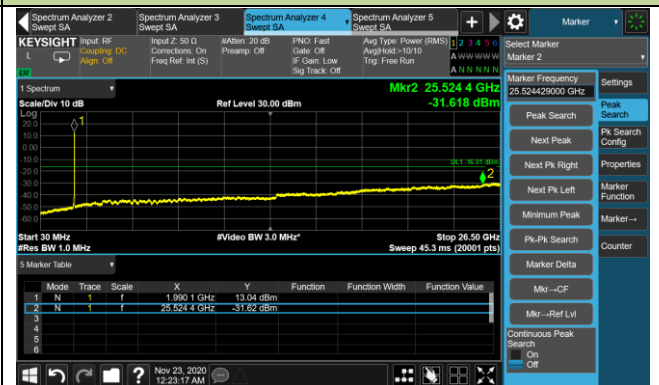


Top Channel

9kHz ~ 30MHz



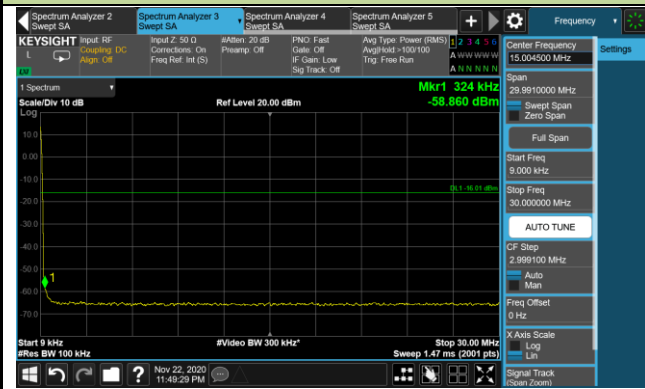
30MHz ~ 27.0GHz



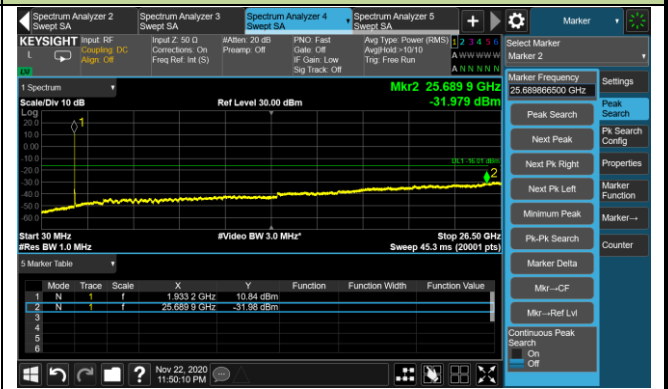
20MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

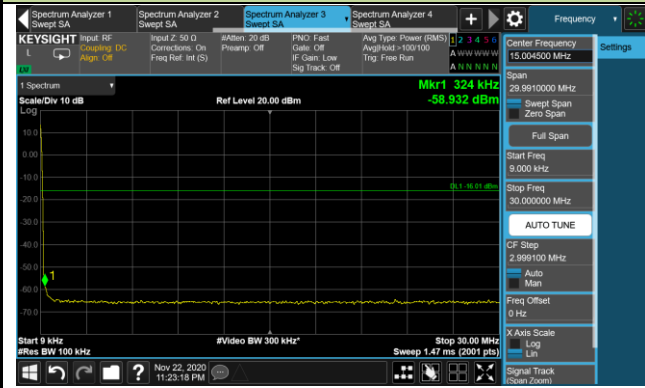


30MHz ~ 27.0GHz

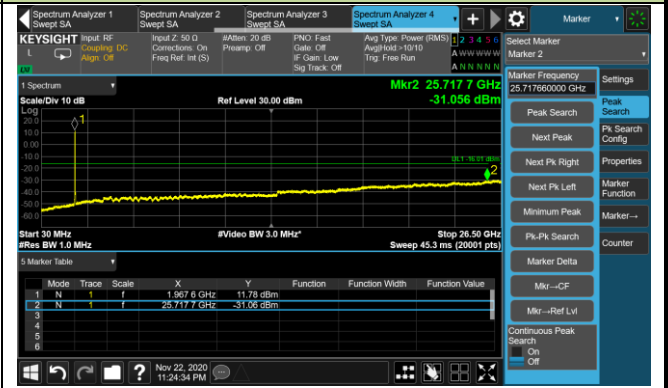


Middle Channel

9kHz ~ 30MHz

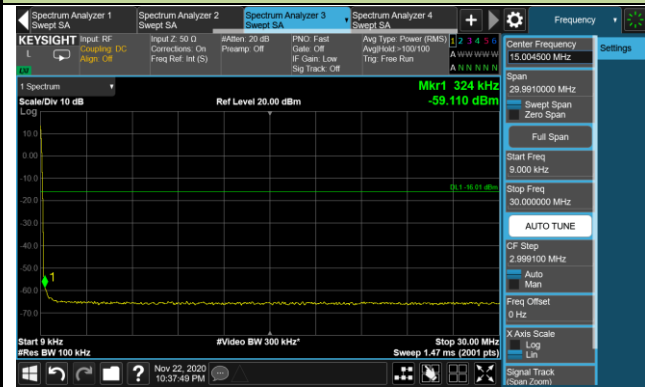


30MHz ~ 27.0GHz



Top Channel

9kHz ~ 30MHz



30MHz ~ 27.0GHz



Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Peter Xu
Test Site	SR2	Test Date	2020/11/17 ~ 2020/12/30
Test Configuration	n66, QPSK		

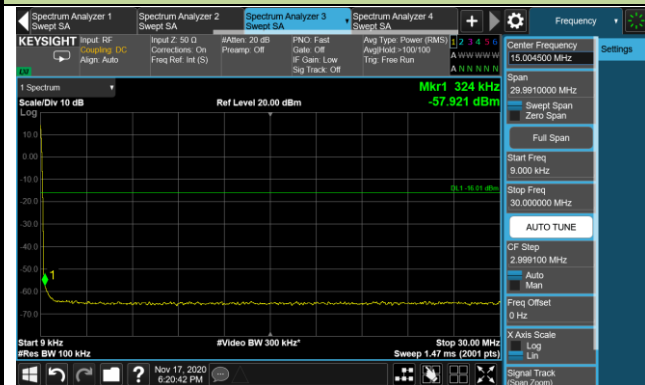
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2112.5	5	0.009 ~ 30	-57.921	≤ -16.01	Pass
		30 ~ 27000	-29.996	≤ -16.01	Pass
2145.0	5	0.009 ~ 30	-59.030	≤ -16.01	Pass
		30 ~ 27000	-30.353	≤ -16.01	Pass
2177.5	5	0.009 ~ 30	-59.109	≤ -16.01	Pass
		30 ~ 27000	-30.913	≤ -16.01	Pass
2115.0	10	0.009 ~ 30	-65.061	≤ -16.01	Pass
		30 ~ 27000	-30.884	≤ -16.01	Pass
2145.0	10	0.009 ~ 30	-58.434	≤ -16.01	Pass
		30 ~ 27000	-31.715	≤ -16.01	Pass
2175.0	10	0.009 ~ 30	-58.782	≤ -16.01	Pass
		30 ~ 27000	-31.452	≤ -16.01	Pass
2117.5	15	0.009 ~ 30	-65.477	≤ -16.01	Pass
		30 ~ 27000	-30.612	≤ -16.01	Pass
2145.0	15	0.009 ~ 30	-62.035	≤ -16.01	Pass
		30 ~ 27000	-30.794	≤ -16.01	Pass
2172.5	15	0.009 ~ 30	-63.910	≤ -16.01	Pass
		30 ~ 27000	-30.172	≤ -16.01	Pass
2120	20	0.009 ~ 30	-58.851	≤ -16.01	Pass
		30 ~ 27000	-30.850	≤ -16.01	Pass
2145.0	20	0.009 ~ 30	-63.680	≤ -16.01	Pass
		30 ~ 27000	-30.337	≤ -16.01	Pass
2170.0	20	0.009 ~ 30	-65.435	≤ -16.01	Pass
		30 ~ 27000	-29.911	≤ -16.01	Pass

Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2112.5 + 2117.5	5 + 5	0.009 ~ 30	-52.627	≤ -16.01	Pass
		30 ~ 27000	-29.622	≤ -16.01	Pass
2140.0 + 2145.0	5 + 5	0.009 ~ 30	-52.953	≤ -16.01	Pass
		30 ~ 27000	-29.172	≤ -16.01	Pass
2172.5 + 2177.5	5 + 5	0.009 ~ 30	-52.902	≤ -16.01	Pass
		30 ~ 27000	-29.137	≤ -16.01	Pass
2115.0 + 2125.0	10 + 10	0.009 ~ 30	-52.303	≤ -16.01	Pass
		30 ~ 27000	-29.978	≤ -16.01	Pass
2135.0 + 2145.0	10 + 10	0.009 ~ 30	-53.770	≤ -16.01	Pass
		30 ~ 27000	-29.804	≤ -16.01	Pass
2165.0 + 2175.0	10 + 10	0.009 ~ 30	-52.962	≤ -16.01	Pass
		30 ~ 27000	-29.403	≤ -16.01	Pass
2117.5 + 2132.5	15 + 15	0.009 ~ 30	-51.769	≤ -16.01	Pass
		30 ~ 27000	-29.072	≤ -16.01	Pass
2130.0 + 2145.0	15 + 15	0.009 ~ 30	-63.620	≤ -16.01	Pass
		30 ~ 27000	-31.242	≤ -16.01	Pass
2157.5 + 2172.5	15 + 15	0.009 ~ 30	-62.721	≤ -16.01	Pass
		30 ~ 27000	-30.744	≤ -16.01	Pass
2120.0 + 2140.0	20 + 20	0.009 ~ 30	-64.162	≤ -16.01	Pass
		30 ~ 27000	-30.396	≤ -16.01	Pass
2125.0 + 2145.0	20 + 20	0.009 ~ 30	-64.071	≤ -16.01	Pass
		30 ~ 27000	-30.649	≤ -16.01	Pass
2150.0 + 2170.0	20 + 20	0.009 ~ 30	-63.824	≤ -16.01	Pass
		30 ~ 27000	-30.446	≤ -16.01	Pass

5MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

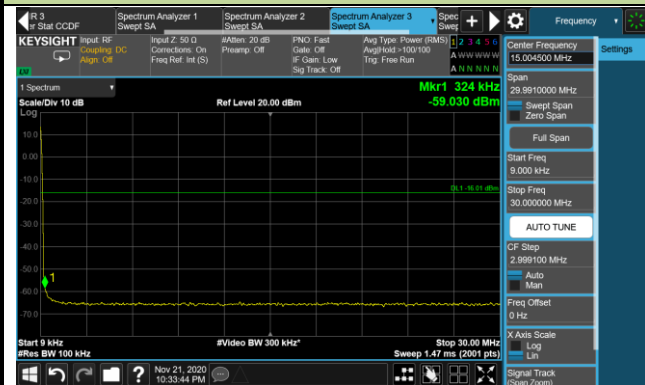


30MHz ~ 27.0GHz



Middle Channel

9kHz ~ 30MHz

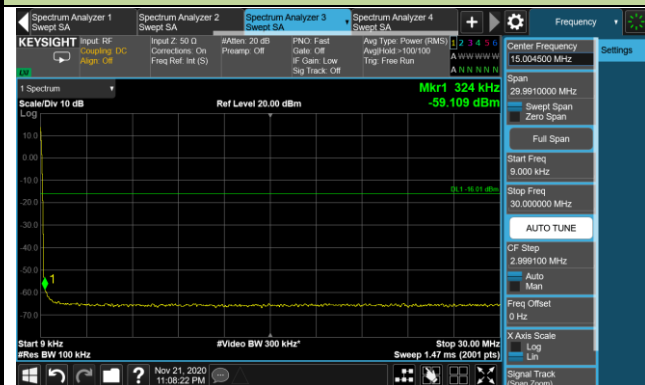


30MHz ~ 27.0GHz



Top Channel

9kHz ~ 30MHz



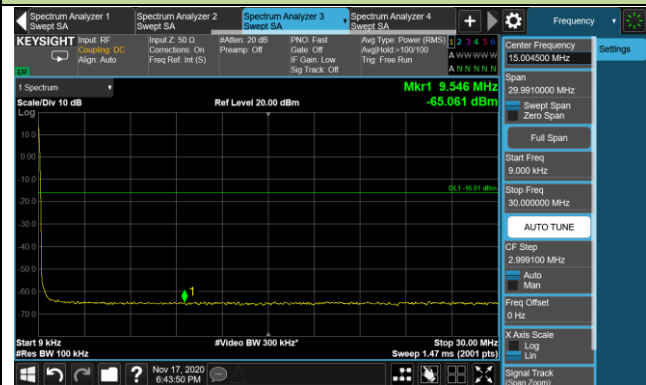
30MHz ~ 27.0GHz



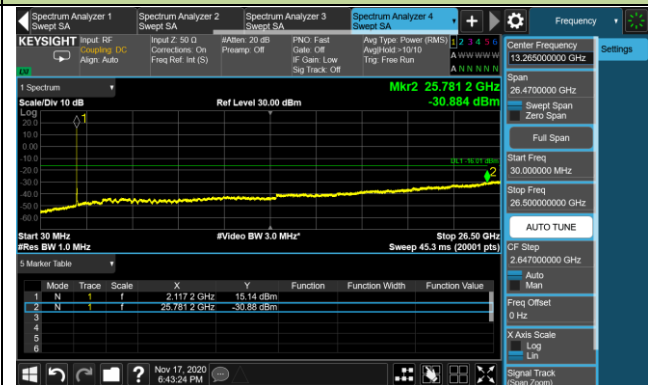
10MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

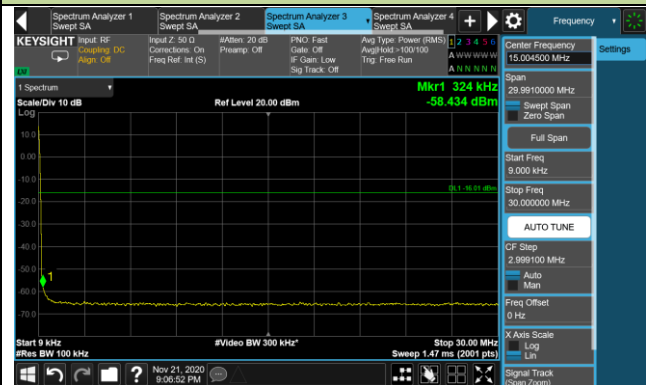


30MHz ~ 27.0GHz



Middle Channel

9kHz ~ 30MHz

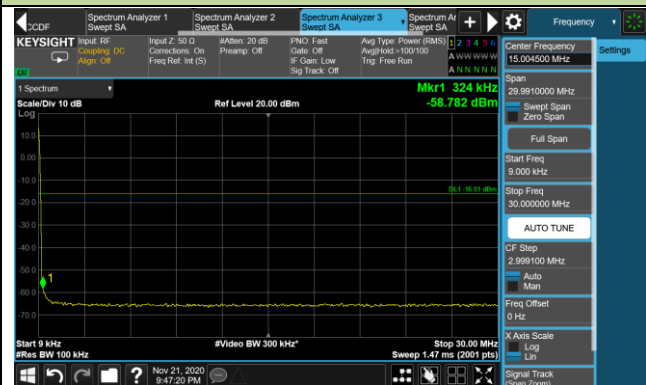


30MHz ~ 27.0GHz

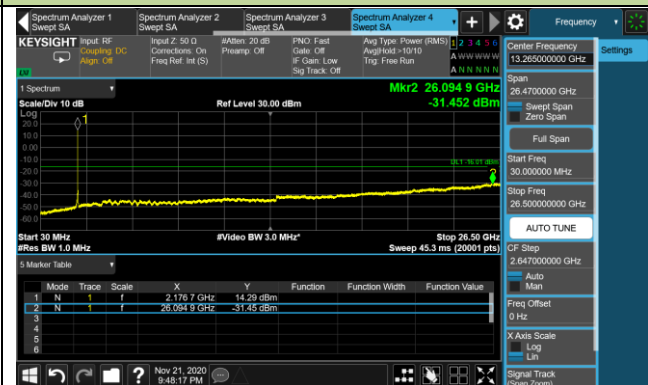


Top Channel

9kHz ~ 30MHz



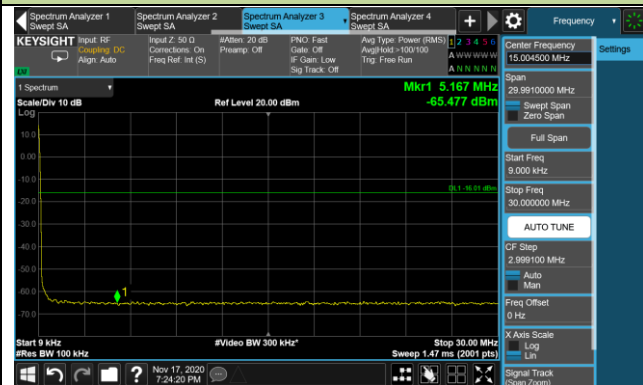
30MHz ~ 27.0GHz



15MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

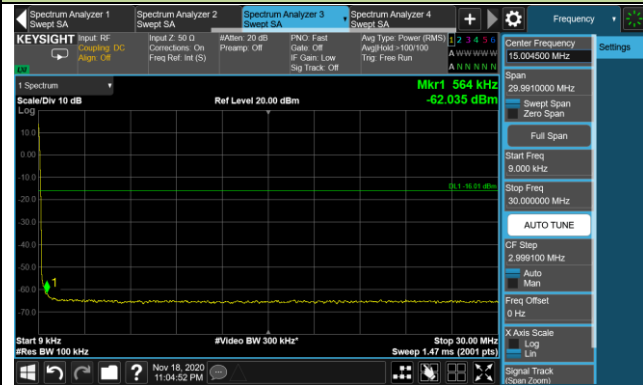


30MHz ~ 27.0GHz

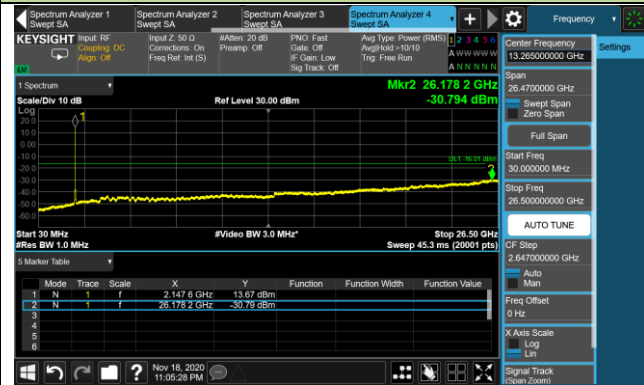


Middle Channel

9kHz ~ 30MHz

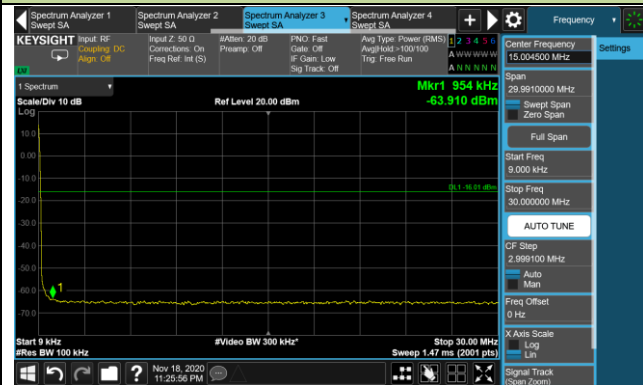


30MHz ~ 27.0GHz

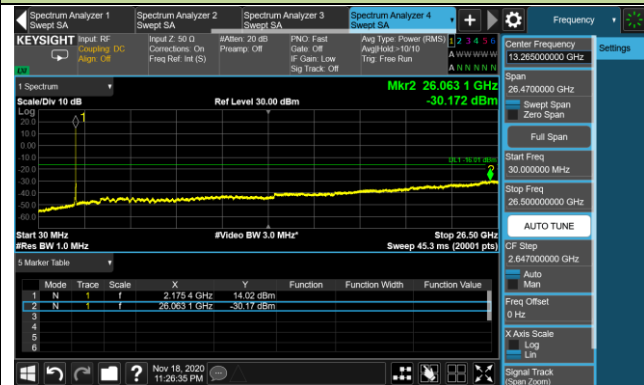


Top Channel

9kHz ~ 30MHz



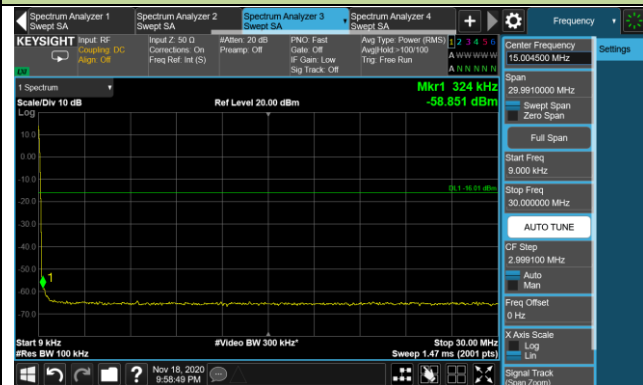
30MHz ~ 27.0GHz



20MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

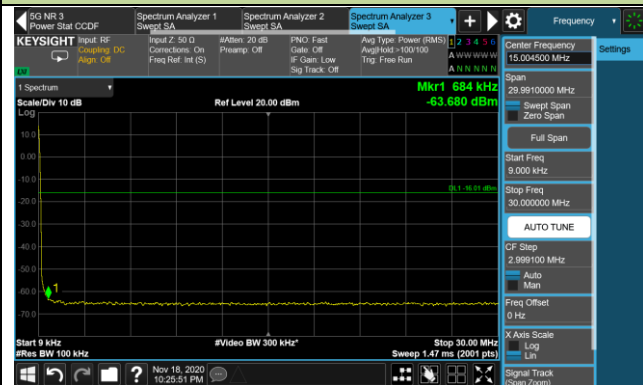


30MHz ~ 27.0GHz

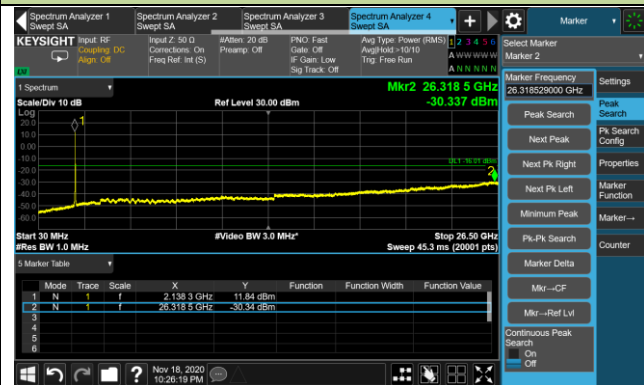


Middle Channel

9kHz ~ 30MHz

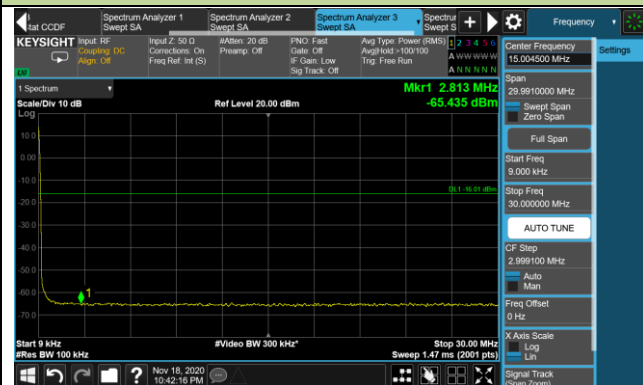


30MHz ~ 27.0GHz

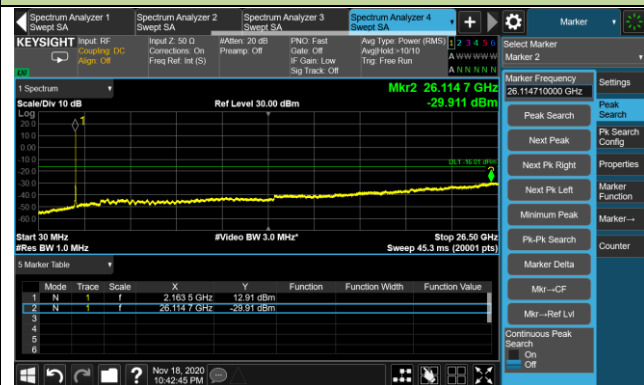


Top Channel

9kHz ~ 30MHz



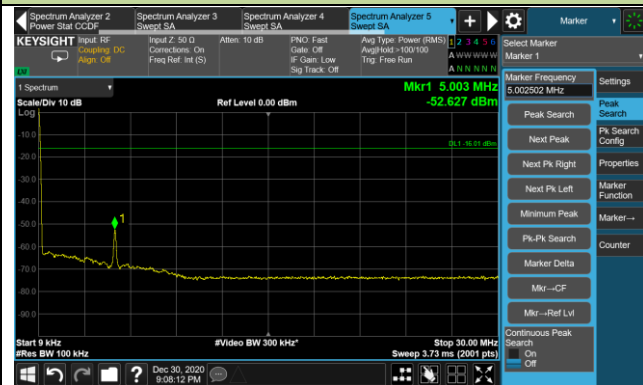
30MHz ~ 27.0GHz



5 + 5MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

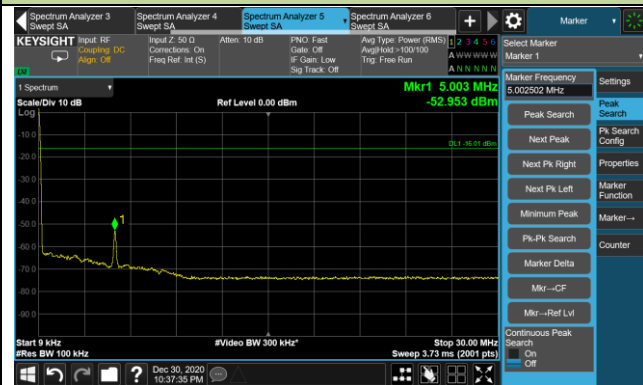


30MHz ~ 27.0GHz



Middle Channel

9kHz ~ 30MHz

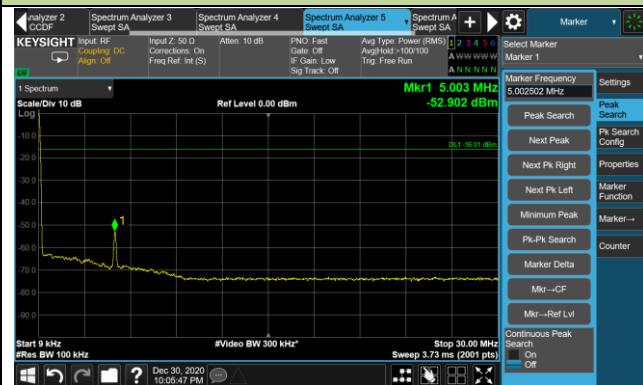


30MHz ~ 27.0GHz

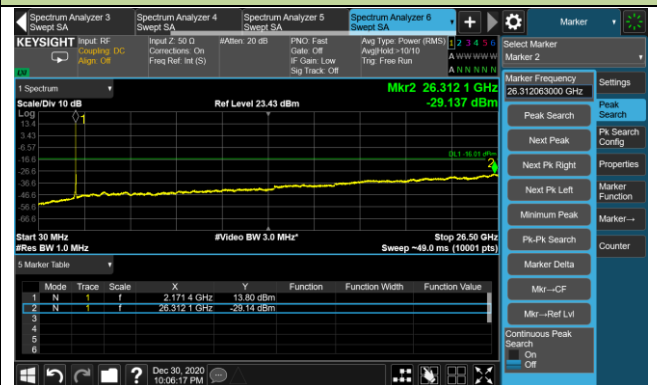


Top Channel

9kHz ~ 30MHz



30MHz ~ 27.0GHz



10 + 10MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

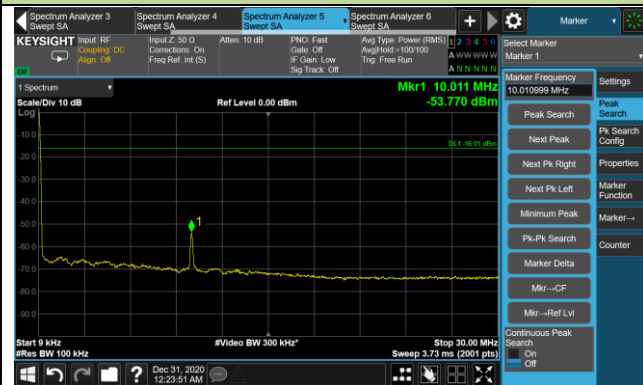


30MHz ~ 27.0GHz



Middle Channel

9kHz ~ 30MHz

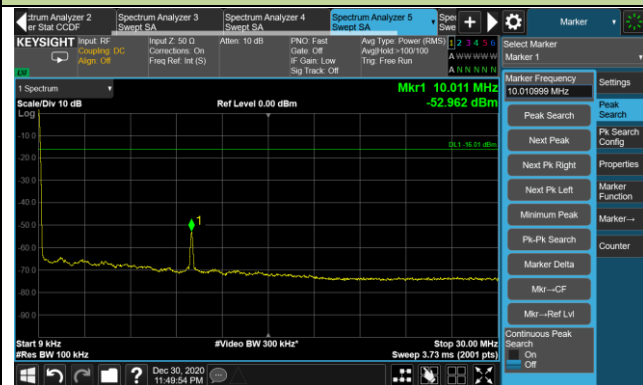


30MHz ~ 27.0GHz

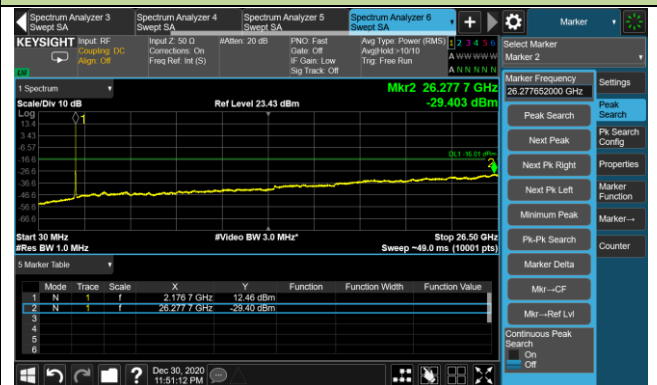


Top Channel

9kHz ~ 30MHz



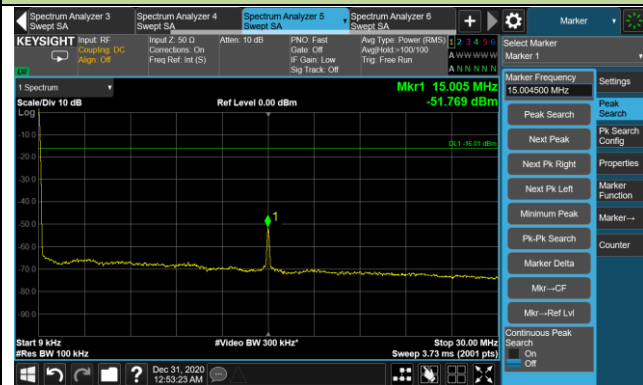
30MHz ~ 27.0GHz



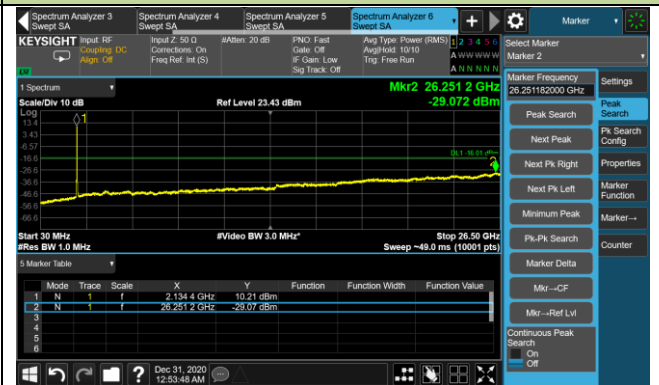
15 + 15MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

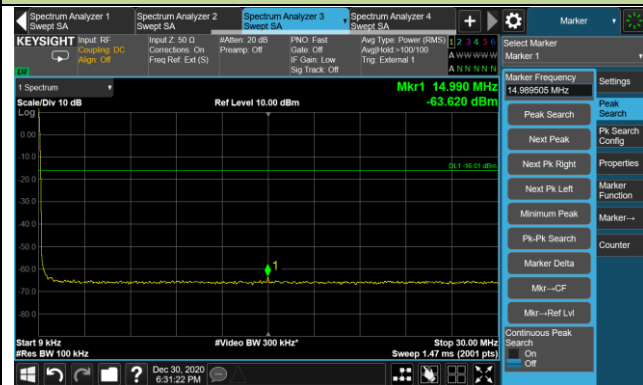


30MHz ~ 27.0GHz



Middle Channel

9kHz ~ 30MHz

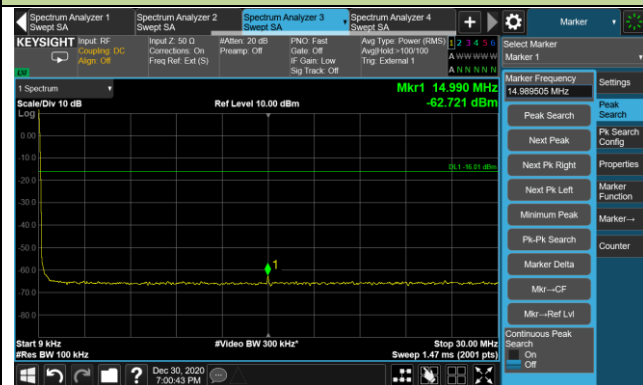


30MHz ~ 27.0GHz



Top Channel

9kHz ~ 30MHz



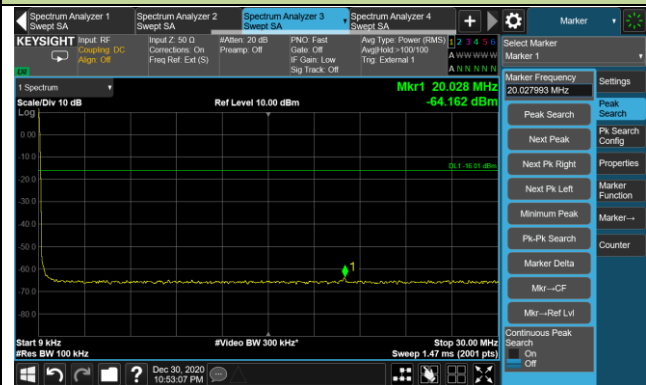
30MHz ~ 27.0GHz



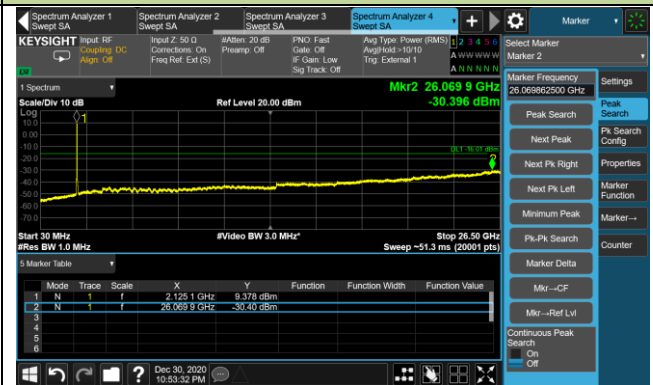
20 + 20MHz Channel Bandwidth

Bottom Channel

9kHz ~ 30MHz

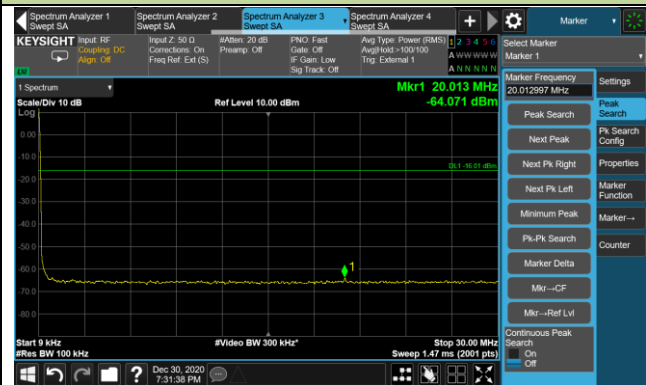


30MHz ~ 27.0GHz

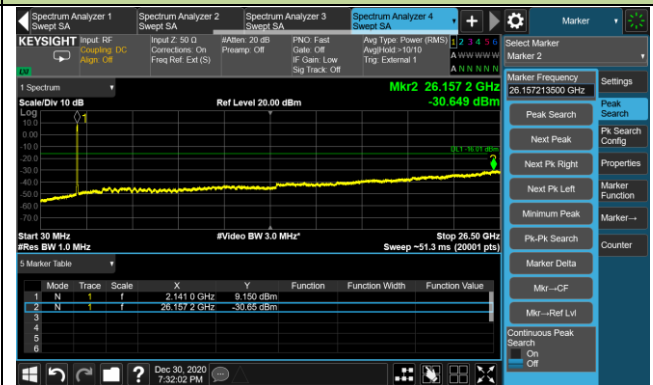


Middle Channel

9kHz ~ 30MHz

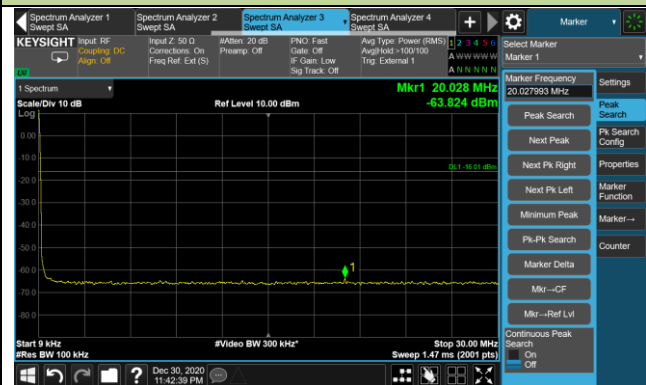


30MHz ~ 27.0GHz

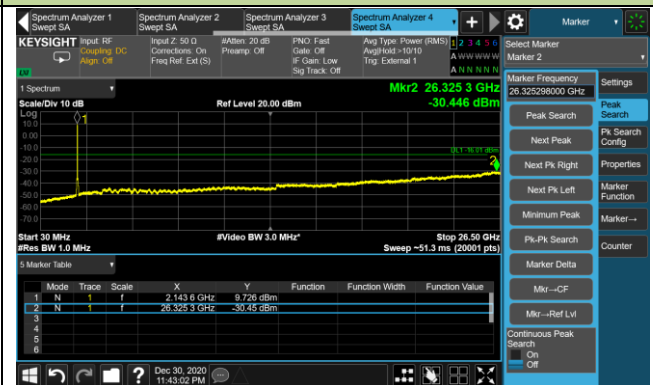


Top Channel

9kHz ~ 30MHz



30MHz ~ 27.0GHz



6.8. Radiated Spurious Emissions Measurements

6.8.1. Test Limit

Out of band emissions: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

E (dB μ V/m) = EIRP (dBm) - $20 \log D$ + 104.8; where D is the measurement distance in meters. The emission limit equal to 82.3dB μ V/m.

6.8.2. Test Procedure Used

KDB 971168 D01v03r01 - Section 5.8 & 7

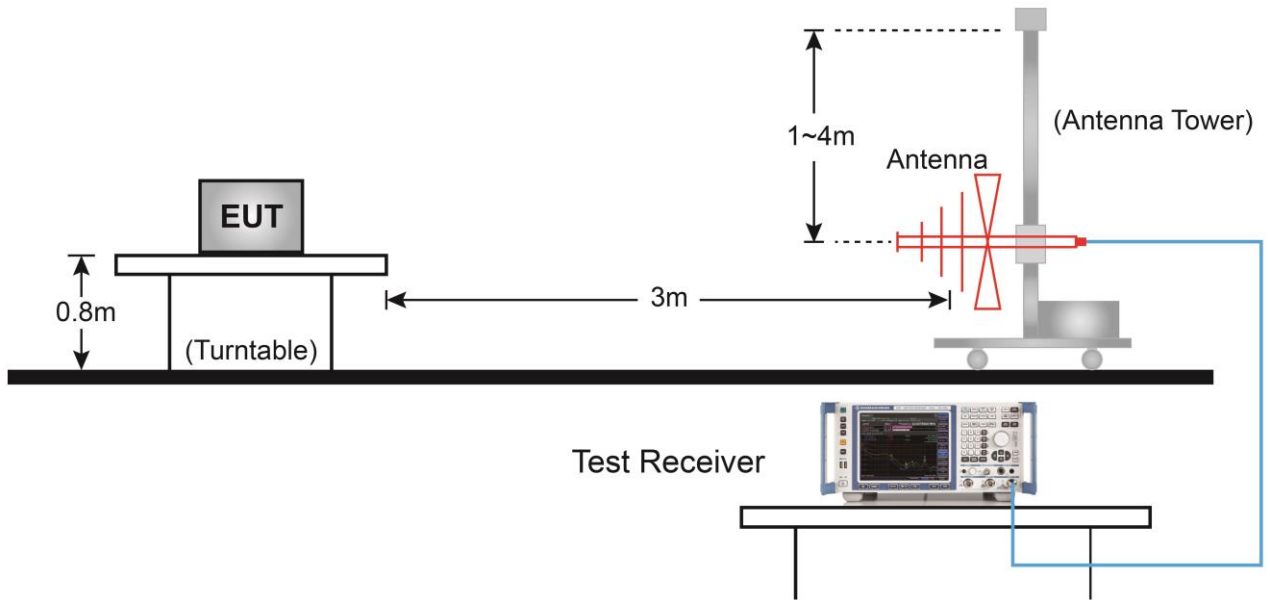
ANSI C63.26-2015 - Section 5.2.7 & 5.5

6.8.3. Test Setting

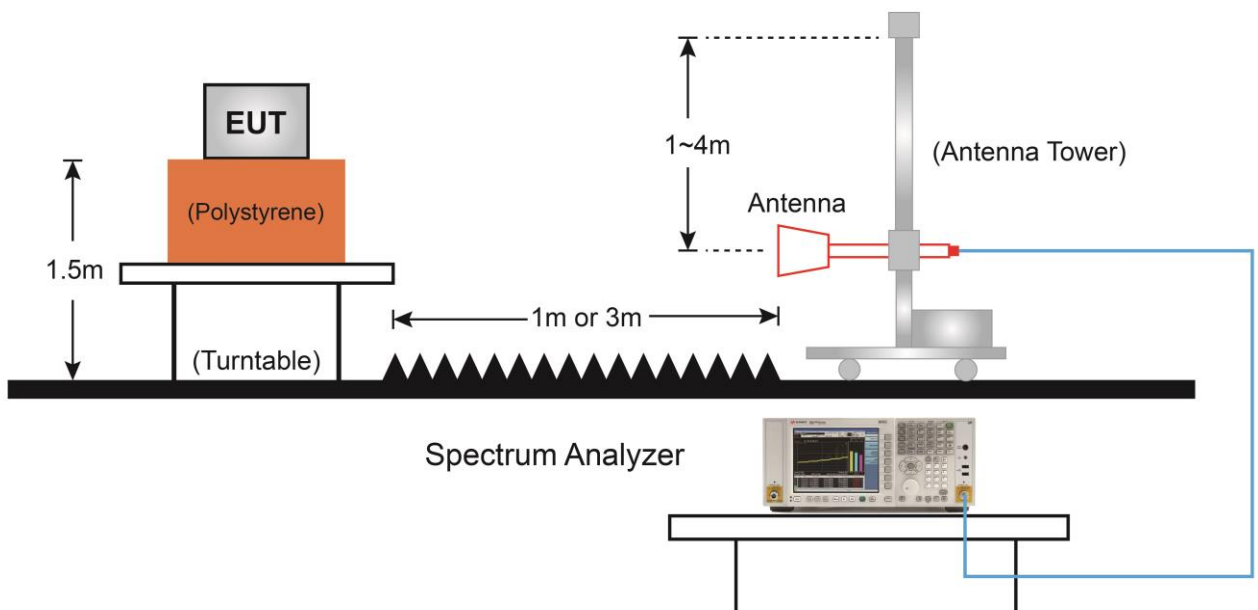
1. RBW = 100kHz or 1MHz
2. VBW $\geq 3 \times$ RBW
3. Sweep time $\geq 10 \times$ (number of points in sweep) \times (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

6.8.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.8.5. Test Result

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n25 (Single Carrier), QPSK, BW = 5MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
120.70	14.80	16.88	31.68	82.30	-50.62	Peak	Horizontal
358.83	17.18	23.56	40.74	82.30	-41.56	Peak	Horizontal
116.33	17.95	17.59	35.54	82.30	-46.76	Peak	Vertical
368.05	16.32	23.69	40.01	82.30	-42.29	Peak	Vertical
5411.50	37.52	4.18	41.70	82.30	-40.60	Peak	Horizontal
7426.00	33.18	11.51	44.69	82.30	-37.61	Peak	Horizontal
9661.50	40.33	14.72	55.05	82.30	-27.25	Peak	Vertical
11599.50	36.33	18.33	54.66	82.30	-27.64	Peak	Vertical
Middle Channel							
116.82	17.88	17.51	35.39	82.30	-46.91	Peak	Horizontal
363.20	16.47	23.62	40.09	82.30	-42.21	Peak	Horizontal
115.36	18.33	17.77	36.10	82.30	-46.20	Peak	Vertical
363.20	16.47	23.62	40.09	82.30	-42.21	Peak	Vertical
4986.50	39.47	3.72	43.19	82.30	-39.11	Peak	Horizontal
6440.00	36.18	7.83	44.01	82.30	-38.29	Peak	Horizontal
6440.00	36.18	7.83	44.01	82.30	-38.29	Peak	Vertical
7749.00	34.45	12.12	46.57	82.30	-35.73	Peak	Vertical
Top Channel							
279.29	7.20	21.01	28.21	82.30	-54.09	Peak	Horizontal
354.47	16.69	23.50	40.19	82.30	-42.11	Peak	Horizontal
116.82	17.88	17.51	35.39	82.30	-46.91	Peak	Vertical
355.44	16.51	23.51	40.02	82.30	-42.28	Peak	Vertical
5360.50	38.27	4.12	42.39	82.30	-39.91	Peak	Horizontal
6686.50	35.39	8.92	44.31	82.30	-37.99	Peak	Horizontal
6686.50	35.39	8.92	44.31	82.30	-37.99	Peak	Vertical
7851.00	35.00	12.29	47.29	82.30	-35.01	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n25 (Single Carrier), QPSK, BW = 10MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
118.76	14.93	17.17	32.10	82.30	-50.20	Peak	Horizontal
359.32	17.16	23.57	40.73	82.30	-41.57	Peak	Horizontal
116.33	19.40	17.59	36.99	82.30	-45.31	Peak	Vertical
359.32	17.16	23.57	40.73	82.30	-41.57	Peak	Vertical
8752.00	34.69	13.07	47.76	82.30	-34.54	Peak	Horizontal
11616.50	39.28	18.30	57.58	82.30	-24.72	Peak	Horizontal
9661.50	37.14	14.72	51.86	82.30	-30.44	Peak	Vertical
11616.50	38.87	18.30	57.17	82.30	-25.13	Peak	Vertical
Middle Channel							
116.82	15.70	17.51	33.21	82.30	-49.09	Peak	Horizontal
359.32	16.92	23.57	40.49	82.30	-41.81	Peak	Horizontal
115.36	18.24	17.77	36.01	82.30	-46.29	Peak	Vertical
359.32	16.92	23.57	40.49	82.30	-41.81	Peak	Vertical
6389.00	36.58	7.61	44.19	82.30	-38.11	Peak	Horizontal
8463.00	32.92	12.46	45.38	82.30	-36.92	Peak	Horizontal
4910.00	38.71	3.53	42.24	82.30	-40.06	Peak	Vertical
6389.00	36.58	7.61	44.19	82.30	-38.11	Peak	Vertical
Top Channel							
116.33	17.95	17.59	35.54	82.30	-46.76	Peak	Horizontal
362.71	17.60	23.62	41.22	82.30	-41.08	Peak	Horizontal
117.79	18.29	17.34	35.63	82.30	-46.67	Peak	Vertical
362.71	17.60	23.62	41.22	82.30	-41.08	Peak	Vertical
7281.50	35.59	11.10	46.69	82.30	-35.61	Peak	Horizontal
11871.50	35.64	17.98	53.62	82.30	-28.68	Peak	Horizontal
7281.50	35.59	11.10	46.69	82.30	-35.61	Peak	Vertical
11880.00	36.28	17.97	54.25	82.30	-28.05	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n25 (Single Carrier), QPSK, BW = 15MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
116.33	14.75	17.59	32.34	82.30	-49.96	Peak	Horizontal
361.74	17.82	23.60	41.42	82.30	-40.88	Peak	Horizontal
116.82	19.14	17.51	36.65	82.30	-45.65	Peak	Vertical
361.74	17.82	23.60	41.42	82.30	-40.88	Peak	Vertical
7978.50	35.31	12.49	47.80	82.30	-34.50	Peak	Horizontal
11616.50	38.78	18.30	57.08	82.30	-25.22	Peak	Horizontal
8854.00	35.38	13.32	48.70	82.30	-33.60	Peak	Vertical
11616.50	38.78	18.30	57.08	82.30	-25.22	Peak	Vertical
Middle Channel							
116.33	15.48	17.59	33.07	82.30	-49.23	Peak	Horizontal
358.83	16.91	23.56	40.47	82.30	-41.83	Peak	Horizontal
115.36	17.58	17.77	35.35	82.30	-46.95	Peak	Vertical
358.83	16.91	23.56	40.47	82.30	-41.83	Peak	Vertical
5581.50	39.79	4.53	44.32	82.30	-37.98	Peak	Horizontal
11761.00	36.89	18.12	55.01	82.30	-27.29	Peak	Horizontal
6924.50	34.36	9.97	44.33	82.30	-37.97	Peak	Vertical
9806.00	36.25	15.00	51.25	82.30	-31.05	Peak	Vertical
Top Channel							
116.33	19.40	17.59	36.99	82.30	-45.31	Peak	Horizontal
359.32	16.93	23.57	40.50	82.30	-41.80	Peak	Horizontal
115.85	17.52	17.68	35.20	82.30	-47.10	Peak	Vertical
359.32	16.93	23.57	40.50	82.30	-41.80	Peak	Vertical
4799.50	37.91	3.27	41.18	82.30	-41.12	Peak	Horizontal
6992.50	33.30	10.27	43.57	82.30	-38.73	Peak	Horizontal
7570.50	34.47	11.83	46.30	82.30	-36.00	Peak	Vertical
11922.50	37.42	17.92	55.34	82.30	-26.96	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n25 (Single Carrier), QPSK, BW = 20MHz		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
116.33	16.24	17.59	33.83	82.30	-48.47	Peak	Horizontal
364.65	15.94	23.64	39.58	82.30	-42.72	Peak	Horizontal
116.33	16.24	17.59	33.83	82.30	-48.47	Peak	Vertical
356.41	15.75	23.52	39.27	82.30	-43.03	Peak	Vertical
7545.00	37.17	11.79	48.96	82.30	-33.34	Peak	Horizontal
9466.00	35.54	14.37	49.91	82.30	-32.39	Peak	Horizontal
6567.50	36.12	8.39	44.51	82.30	-37.79	Peak	Vertical
9083.50	33.77	13.80	47.57	82.30	-34.73	Peak	Vertical
Middle Channel							
116.33	15.58	17.59	33.17	82.30	-49.13	Peak	Horizontal
359.32	17.25	23.57	40.82	82.30	-41.48	Peak	Horizontal
116.33	15.58	17.59	33.17	82.30	-49.13	Peak	Vertical
364.65	15.94	23.64	39.58	82.30	-42.72	Peak	Vertical
7468.50	34.24	11.63	45.87	82.30	-36.43	Peak	Horizontal
9823.00	33.85	15.03	48.88	82.30	-33.42	Peak	Horizontal
7383.50	34.72	11.39	46.11	82.30	-36.19	Peak	Vertical
9177.00	34.81	13.94	48.75	82.30	-33.55	Peak	Vertical
Top Channel							
114.88	13.99	17.85	31.84	82.30	-50.46	Peak	Horizontal
357.38	16.68	23.54	40.22	82.30	-42.08	Peak	Horizontal
115.85	17.41	17.68	35.09	82.30	-47.21	Peak	Vertical
357.38	16.68	23.54	40.22	82.30	-42.08	Peak	Vertical
7239.00	37.61	10.98	48.59	82.30	-33.71	Peak	Horizontal
11880.00	35.89	17.97	53.86	82.30	-28.44	Peak	Horizontal
7188.00	36.47	10.83	47.30	82.30	-35.00	Peak	Vertical
11880.00	35.89	17.97	53.86	82.30	-28.44	Peak	Vertical

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n66 (Single Carrier), QPSK, BW = 5MHz		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
116.82	16.10	17.51	33.61	82.30	-48.69	Peak	Horizontal
357.38	16.75	23.54	40.29	82.30	-42.01	Peak	Horizontal
116.82	16.10	17.51	33.61	82.30	-48.69	Peak	Vertical
355.44	15.78	23.51	39.29	82.30	-43.01	Peak	Vertical
5386.00	38.13	4.15	42.28	82.30	-40.02	Peak	Horizontal
8454.50	43.54	12.46	56.00	82.30	-26.30	Peak	Horizontal
5403.00	37.87	4.17	42.04	82.30	-40.26	Peak	Vertical
8446.00	42.67	12.46	55.13	82.30	-27.17	Peak	Vertical
Middle Channel							
116.33	16.19	17.59	33.78	82.30	-48.52	Peak	Horizontal
362.23	16.77	23.61	40.38	82.30	-41.92	Peak	Horizontal
116.82	19.69	17.51	37.20	82.30	-45.10	Peak	Vertical
362.23	16.77	23.61	40.38	82.30	-41.92	Peak	Vertical
4901.50	40.05	3.51	43.56	82.30	-38.74	Peak	Horizontal
8582.00	40.12	12.66	52.78	82.30	-29.52	Peak	Horizontal
6992.50	37.00	10.27	47.27	82.30	-35.03	Peak	Vertical
8871.00	36.91	13.36	50.27	82.30	-32.03	Peak	Vertical
Top Channel							
115.36	15.43	17.77	33.20	82.30	-49.10	Peak	Horizontal
359.32	17.10	23.57	40.67	82.30	-41.63	Peak	Horizontal
115.85	18.42	17.68	36.10	82.30	-46.20	Peak	Vertical
352.53	16.07	23.47	39.54	82.30	-42.76	Peak	Vertical
7145.50	38.62	10.06	48.68	82.30	-33.62	Peak	Horizontal
10987.50	37.21	15.69	52.90	82.30	-29.40	Peak	Horizontal
6304.00	38.89	7.23	46.12	82.30	-36.18	Peak	Vertical
8718.00	40.56	12.99	53.55	82.30	-28.75	Peak	Vertical

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n66 (Single Carrier), QPSK, BW = 10MHz		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
116.33	16.24	17.59	33.83	82.30	-48.47	Peak	Horizontal
358.35	16.96	23.55	40.51	82.30	-41.79	Peak	Horizontal
116.82	18.03	17.51	35.54	82.30	-46.76	Peak	Vertical
359.32	15.53	23.57	39.10	82.30	-43.20	Peak	Vertical
6584.50	36.86	8.47	45.33	82.30	-36.97	Peak	Horizontal
8454.50	39.68	12.46	52.14	82.30	-30.16	Peak	Horizontal
6678.00	35.68	8.88	44.56	82.30	-37.74	Peak	Vertical
8463.00	40.74	12.46	53.20	82.30	-29.10	Peak	Vertical
Middle Channel							
116.82	18.03	17.51	35.54	82.30	-46.76	Peak	Horizontal
359.32	15.53	23.57	39.10	82.30	-43.20	Peak	Horizontal
116.82	15.98	17.51	33.49	82.30	-48.81	Peak	Vertical
355.44	15.53	23.51	39.04	82.30	-43.26	Peak	Vertical
5573.00	38.55	4.51	43.06	82.30	-39.24	Peak	Horizontal
7451.50	33.17	11.58	44.75	82.30	-37.55	Peak	Horizontal
5556.00	39.79	4.45	44.24	82.30	-38.06	Peak	Vertical
7715.00	35.32	12.07	47.39	82.30	-34.91	Peak	Vertical
Top Channel							
116.33	16.25	17.59	33.84	82.30	-48.46	Peak	Horizontal
359.80	17.43	23.57	41.00	82.30	-41.30	Peak	Horizontal
117.30	17.26	17.42	34.68	82.30	-47.62	Peak	Vertical
357.38	15.77	23.54	39.31	82.30	-42.99	Peak	Vertical
5037.50	37.16	3.79	40.95	82.30	-41.35	Peak	Horizontal
7094.50	34.24	10.57	44.81	82.30	-37.49	Peak	Horizontal
6185.00	35.88	6.71	42.59	82.30	-39.71	Peak	Vertical
8310.00	34.85	12.48	47.33	82.30	-34.97	Peak	Vertical

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n66 (Single Carrier), QPSK, BW = 15MHz		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
116.82	15.75	17.51	33.26	82.30	-49.04	Peak	Horizontal
363.20	17.12	23.62	40.74	82.30	-41.56	Peak	Horizontal
116.82	15.75	17.51	33.26	82.30	-49.04	Peak	Vertical
365.14	15.99	23.65	39.64	82.30	-42.66	Peak	Vertical
6686.50	37.46	8.92	46.38	82.30	-35.92	Peak	Horizontal
8480.00	39.78	12.46	52.24	82.30	-30.06	Peak	Horizontal
6669.50	38.86	8.84	47.70	82.30	-34.60	Peak	Vertical
8471.50	39.97	12.46	52.43	82.30	-29.87	Peak	Vertical
Middle Channel							
116.82	15.63	17.51	33.14	82.30	-49.16	Peak	Horizontal
365.14	15.99	23.65	39.64	82.30	-42.66	Peak	Horizontal
116.82	15.63	17.51	33.14	82.30	-49.16	Peak	Vertical
357.38	15.76	23.54	39.30	82.30	-43.00	Peak	Vertical
5641.00	39.42	4.73	44.15	82.30	-38.15	Peak	Horizontal
8565.00	39.53	12.62	52.15	82.30	-30.15	Peak	Horizontal
5454.00	40.07	4.22	44.29	82.30	-38.01	Peak	Vertical
6805.50	34.79	9.44	44.23	82.30	-38.07	Peak	Vertical
Top Channel							
115.36	15.87	17.77	33.64	82.30	-48.66	Peak	Horizontal
357.38	15.76	23.54	39.30	82.30	-43.00	Peak	Horizontal
115.36	15.87	17.77	33.64	82.30	-48.66	Peak	Vertical
352.53	15.81	23.47	39.28	82.30	-43.02	Peak	Vertical
4850.50	38.40	3.39	41.79	82.30	-40.51	Peak	Horizontal
6355.00	36.26	7.46	43.72	82.30	-38.58	Peak	Horizontal
5496.50	38.52	4.27	42.79	82.30	-39.51	Peak	Vertical
7536.50	35.01	11.78	46.79	82.30	-35.51	Peak	Vertical

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/12/07
Test Configuration	n66 (Single Carrier), QPSK, BW = 20MHz		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
Bottom Channel							
117.30	16.03	17.42	33.45	82.30	-48.85	Peak	Horizontal
359.32	17.72	23.57	41.29	82.30	-41.01	Peak	Horizontal
116.33	19.33	17.59	36.92	82.30	-45.38	Peak	Vertical
366.11	15.51	23.67	39.18	82.30	-43.12	Peak	Vertical
5896.00	38.69	5.55	44.24	82.30	-38.06	Peak	Horizontal
8471.50	39.67	12.46	52.13	82.30	-30.17	Peak	Horizontal
5343.50	38.40	4.11	42.51	82.30	-39.79	Peak	Vertical
8471.50	38.99	12.46	51.45	82.30	-30.85	Peak	Vertical
Middle Channel							
116.33	16.56	17.59	34.15	82.30	-48.15	Peak	Horizontal
359.32	17.11	23.57	40.68	82.30	-41.62	Peak	Horizontal
116.33	20.02	17.59	37.61	82.30	-44.69	Peak	Vertical
363.20	15.65	23.62	39.27	82.30	-43.03	Peak	Vertical
4366.00	38.05	2.10	40.15	82.30	-42.15	Peak	Horizontal
5760.00	37.67	5.11	42.78	82.30	-39.52	Peak	Horizontal
5760.00	37.67	5.11	42.78	82.30	-39.52	Peak	Vertical
7443.00	34.40	11.55	45.95	82.30	-36.35	Peak	Vertical
Top Channel							
117.30	17.21	17.42	34.63	82.30	-47.67	Peak	Horizontal
357.38	16.91	23.54	40.45	82.30	-41.85	Peak	Horizontal
116.82	18.88	17.51	36.39	82.30	-45.91	Peak	Vertical
367.56	15.94	23.69	39.63	82.30	-42.67	Peak	Vertical
5071.50	37.86	3.82	41.68	82.30	-40.62	Peak	Horizontal
6584.50	35.90	8.47	44.37	82.30	-37.93	Peak	Horizontal
5343.50	40.32	4.11	44.43	82.30	-37.87	Peak	Vertical
7188.00	34.86	10.83	45.69	82.30	-36.61	Peak	Vertical

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

7. CONCLUSION

The data collected relate only the item(s) tested and show that the **AirScale Indoor Radio ASiR-pRRH** is compliance with FCC Rules.

The End