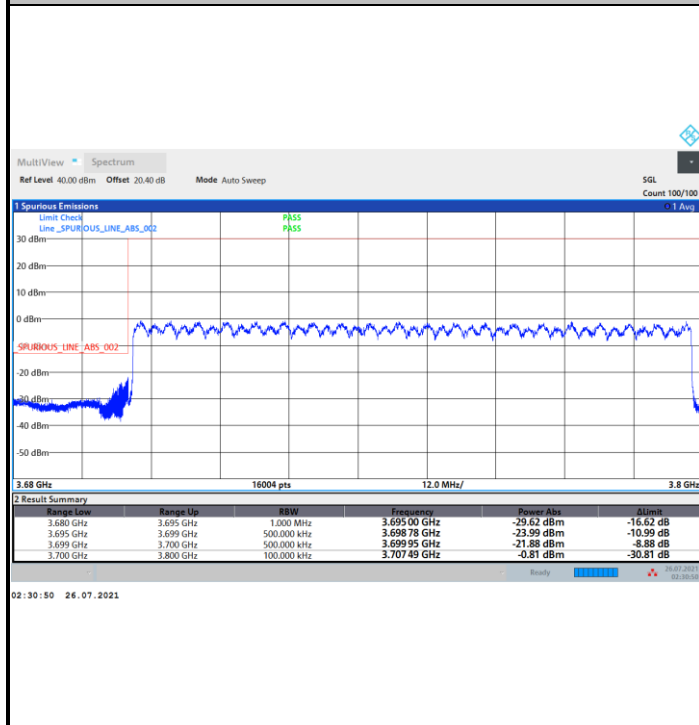


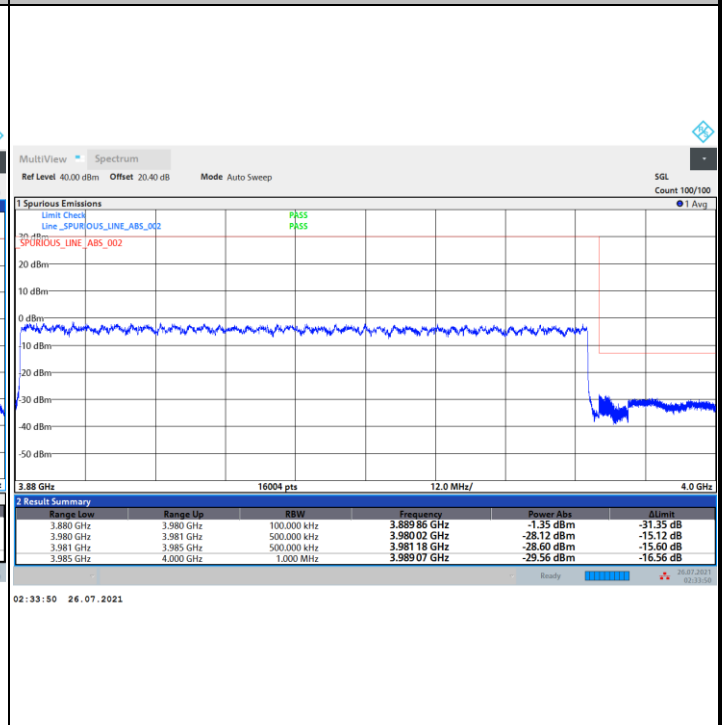


FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

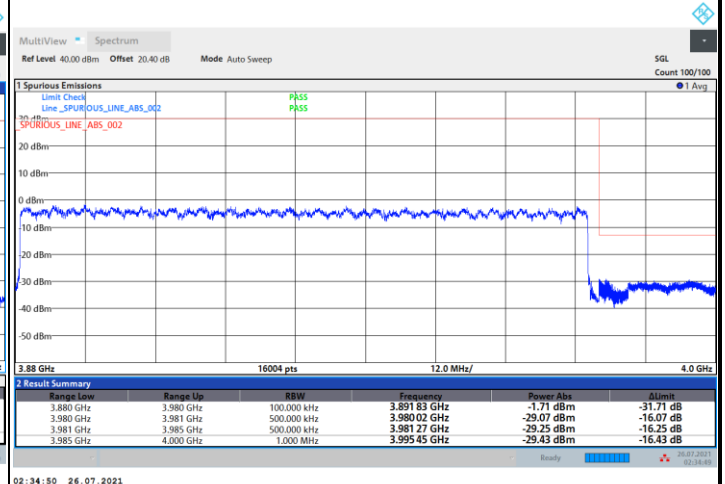
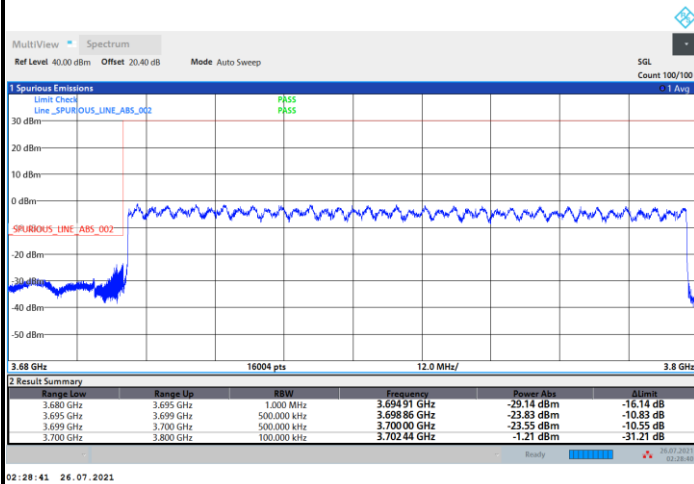




FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

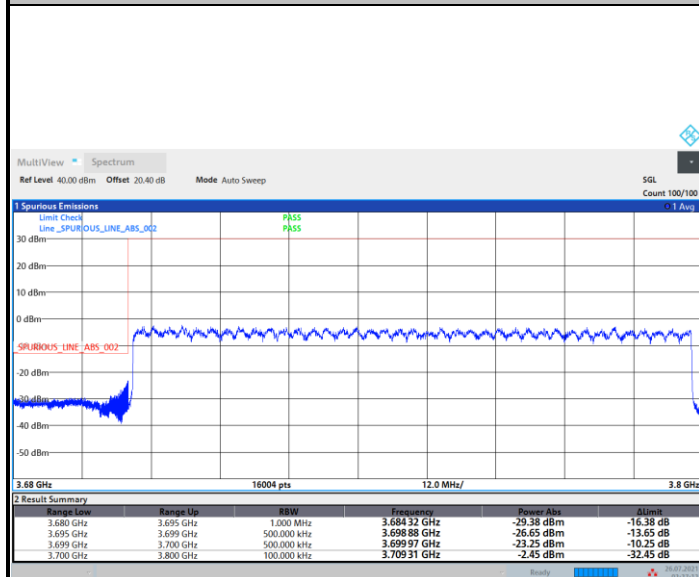
Highest Band Edge / Full RB



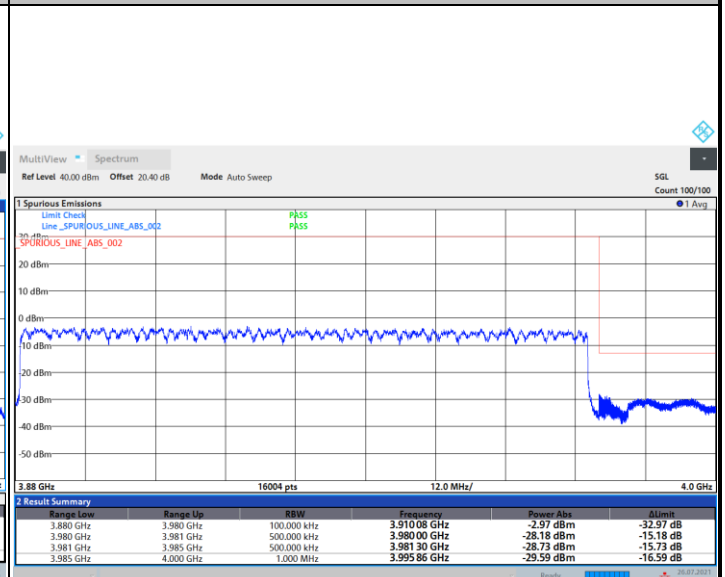


FR1 n77 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



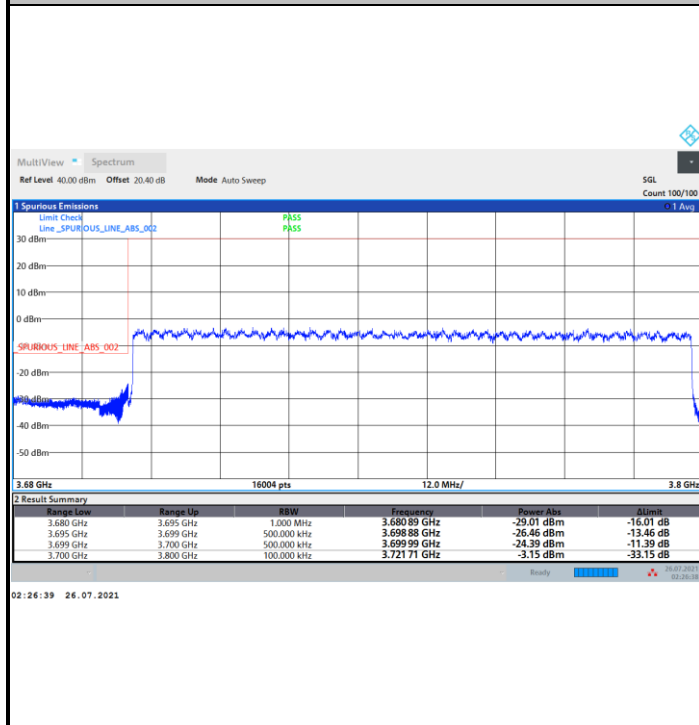
Highest Band Edge / Full RB



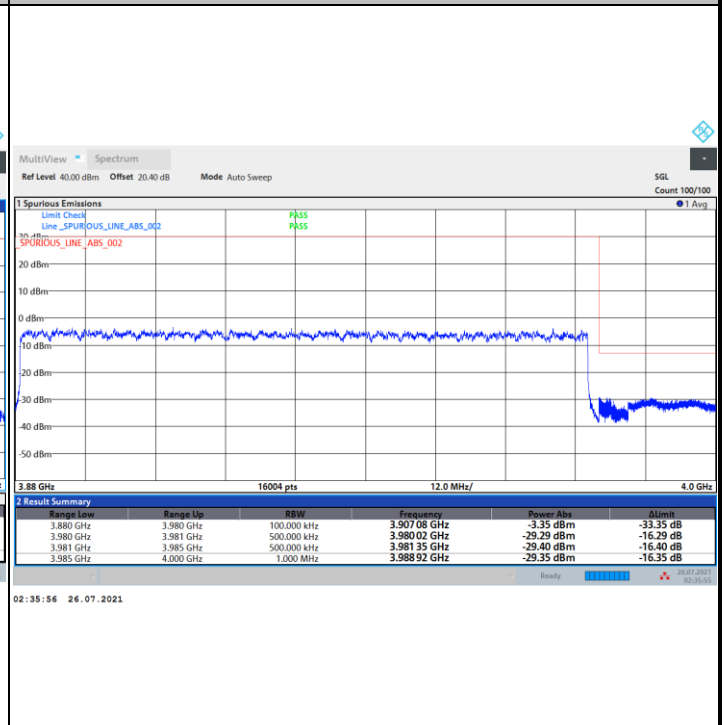


FR1 n77 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

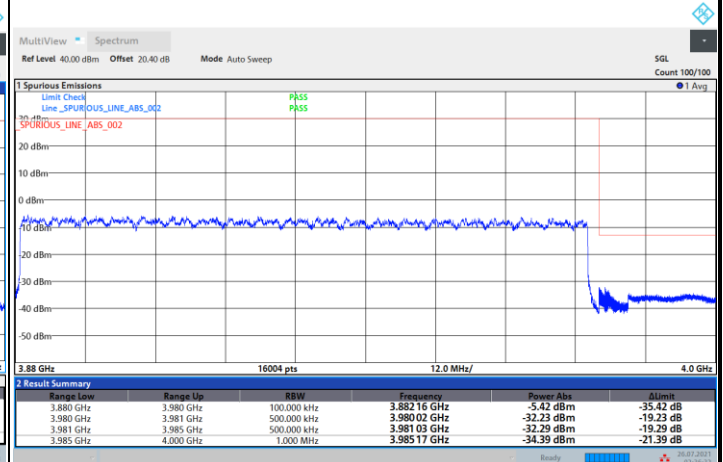
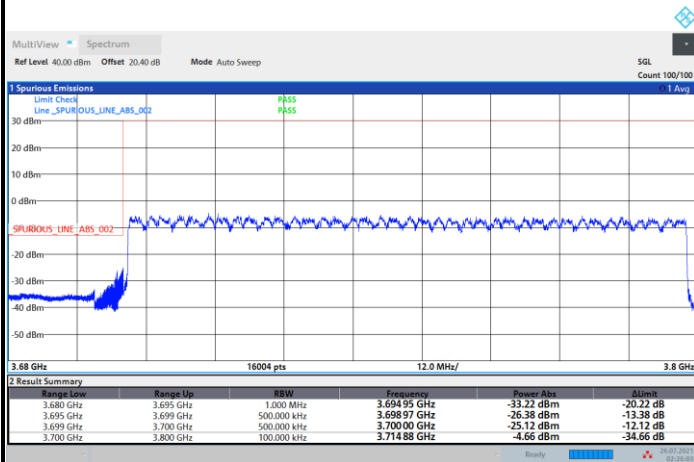




FR1 n77 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

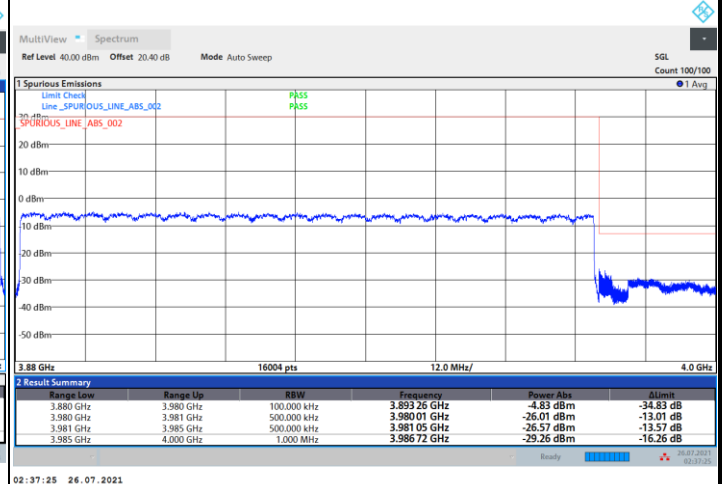
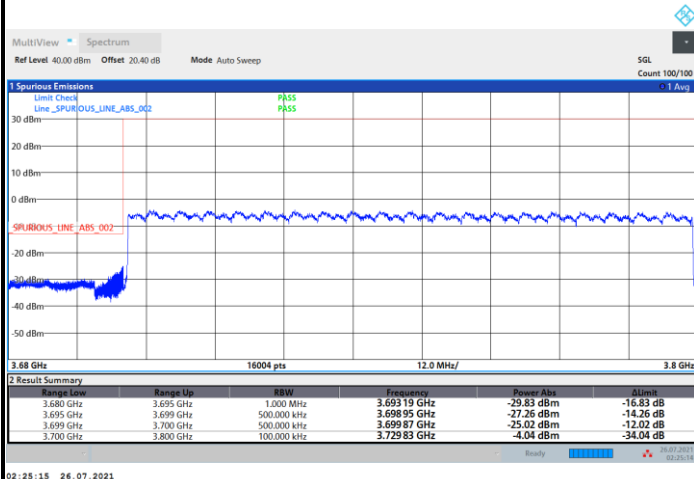




FR1 n77 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

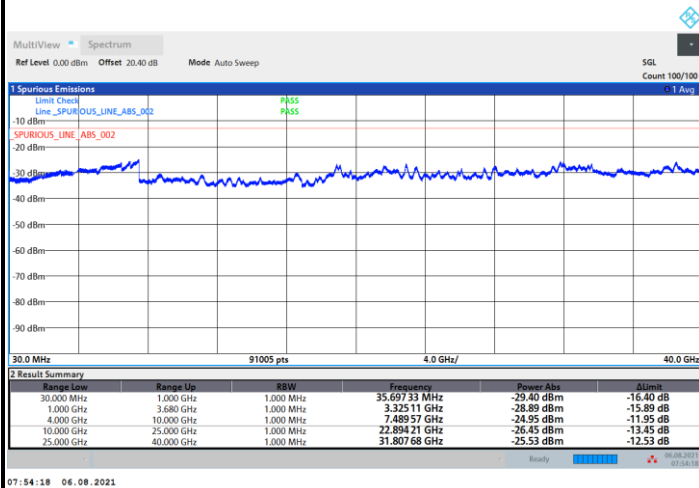




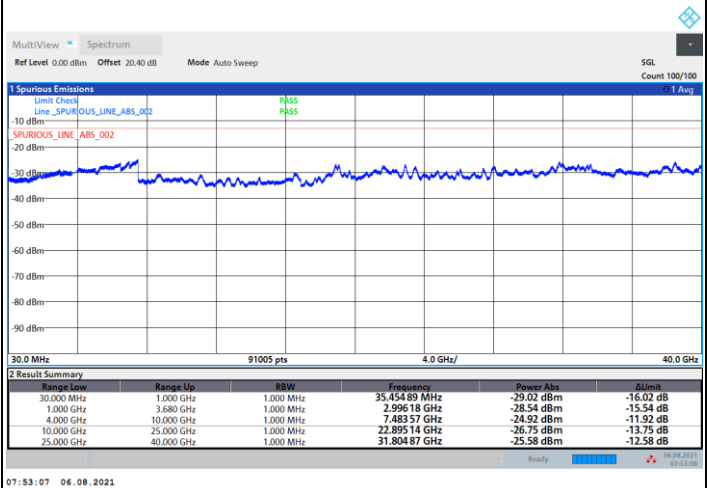
Conducted Spurious Emission

FR1 n77 / 10MHz / DFT-S OFDM / QPSK / 1RB1

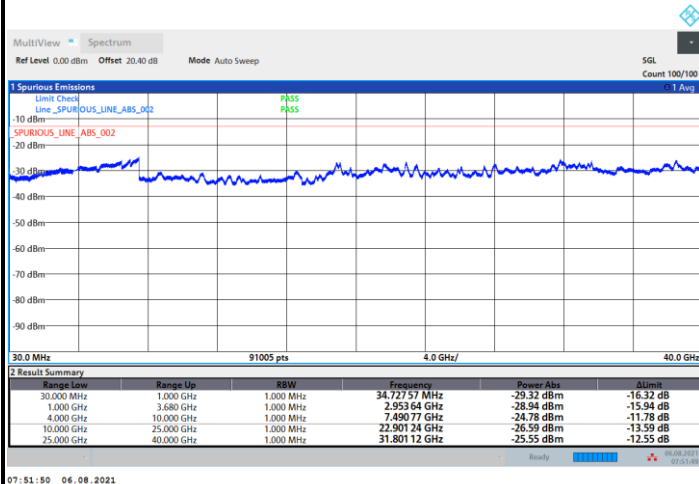
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n77 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0030	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Primary Antenna>

<Ant. 6>

EN-DC 7A-n77A

EN-DC 7A-n77A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7403	-45.65	-13	-32.65	-50.2	-54.80	2.46	11.61	H
	11106	-41.53	-13	-28.53	-53.2	-51.30	2.69	12.46	H
	14806	-57.75	-13	-44.75	-71.2	-67.60	3.52	13.37	H
									H
									H
									H
	7403	-47.45	-13	-34.45	-52.36	-56.60	2.46	11.61	V
	11106	-43.03	-13	-30.03	-54.56	-52.80	2.69	12.46	V
	14806	-57.35	-13	-44.35	-71	-67.20	3.52	13.37	V
									V
									V
									V
Middle	7585	-50.55	-13	-37.55	-55.31	-60.00	2.40	11.85	H
	11376	-42.53	-13	-29.53	-55	-52.20	2.68	12.35	H
	15170	-59.13	-13	-46.13	-73.31	-69.30	3.67	13.84	H
									H
									H
									H
	7585	-49.05	-13	-36.05	-54.2	-58.50	2.40	11.85	V
	11376	-44.43	-13	-31.43	-56.82	-54.10	2.68	12.35	V
	15170	-58.33	-13	-45.33	-72.82	-68.50	3.67	13.84	V
									V
									V
									V



Highest	7762	-51.59	-13	-38.59	-56.98	-61.20	2.34	11.96	H
	11646	-41.18	-13	-28.18	-54.1	-50.80	2.68	12.30	H
	15525	-59.15	-13	-46.15	-74.41	-69.60	3.82	14.27	H
									H
									H
									H
	7762	-51.19	-13	-38.19	-56.94	-60.80	2.34	11.96	V
	11646	-41.58	-13	-28.58	-54.33	-51.20	2.68	12.30	V
	15525	-58.45	-13	-45.45	-74.1	-68.90	3.82	14.27	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<ASDIV Antenna>

<Ant. 2>

EN-DC 7A-n77A

EN-DC 7A-n77A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7398	-61.54	-13	-48.54	-66.56	-70.67	2.46	11.60	H
	11100	-57.75	-13	-44.75	-69.6	-67.52	2.69	12.46	H
	14805	-57.16	-13	-44.16	-70.92	-67.01	3.52	13.37	H
									H
									H
									H
	7398	-61.16	-13	-48.16	-66.2	-70.29	2.46	11.60	V
	11100	-58.05	-13	-45.05	-69.68	-67.82	2.69	12.46	V
	14805	-57.47	-13	-44.47	-71.31	-67.32	3.52	13.37	V
									V
									V
									V
Middle	7585	-60.51	-13	-47.51	-65.77	-69.96	2.40	11.85	H
	11370	-58.11	-13	-45.11	-70.82	-67.78	2.68	12.35	H
	15165	-58.78	-13	-45.78	-73.07	-68.94	3.67	13.83	H
									H
									H
									H
	7585	-56.77	-13	-43.77	-62.33	-66.22	2.40	11.85	V
	11370	-57.79	-13	-44.79	-70.41	-67.46	2.68	12.35	V
	15165	-58.77	-13	-45.77	-73.18	-68.93	3.67	13.83	V
									V
									V
									V



Highest	7762	-60.01	-13	-47.01	-65.85	-69.62	2.34	11.96	H
	11640	-57.31	-13	-44.31	-70.46	-66.93	2.68	12.30	H
	15525	-58.49	-13	-45.49	-74.32	-68.94	3.82	14.27	H
									H
									H
									H
	7762	-56.92	-13	-43.92	-62.98	-66.53	2.34	11.96	V
	11640	-57.54	-13	-44.54	-70.54	-67.16	2.68	12.30	V
	15525	-58.52	-13	-45.52	-74.21	-68.97	3.82	14.27	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

————THE END————